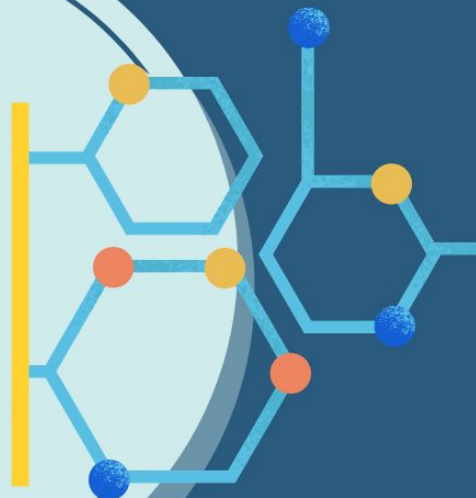


WHAT IS  
**CSHD**



**C**itizen

**S**cience

**H**earth &

**D**iversity

The Citizen Science Health and Diversity club strives to enrich STEM education for Georgian middle and high school students. Our goal is to cultivate student interest and foster a more diverse environment in the field of STEM. We recruit undergraduate "STEM Mentors" who teach our students in our various programs.

Mentors are provided with training, transportation, and assistance as needed through our club.

WHAT  
PROGRAMS  
DO WE OFFER?



# ATLANTA SCIENCE FESTIVAL

- Annual collaboration with the Atlanta Science Festival to engage hundreds of students at their science festival
- Each year, we create a new theme and host a tent at the festival to reach students with our STEM activities.



## STEM AFTERSCHOOL PROGRAM

- 8-week afterschool program held at local middle schools.
- “Data Detectives” program teaches students how to interpret scientific data and learn the principles of quantitative and biological sciences
- Students conduct research through data mining patient data and devise plans on how to use this data to effect change in their community
- Program culminates with a presentation of research outcomes to teachers, parents, and mentors
- Program is funded by NIH grants and assisted by Winship faculty

## EMORY SPLASH

- Day-long event where middle and high school students have the opportunity to take a variety of STEM-related classes taught by Emory students
- Classes are typically 45 minutes long and will cover a wide range of topics—from the physics of angry birds to the chemistry of perfume!





# BIG DATA SUMMER ACADEMY

- Each summer, CSHD hosts and assists with various summer programs held on the Emory campus or at local schools
- Programs can be anywhere from 1-day to multiple weeks long, and students are assisted by mentors to learn how to research and communicate scientific information





# HEALTH HACKS HACKATHON

- Annual girls-only K-12 hackathon
- Students learn how to code through coding and health workshops
- Students work in teams to design projects aimed at improving the health of their communities
- In our most recent hackathon, students designed projects addressing the COVID-19 pandemic.
  - Check them out here:  
<https://citizensciencehd.com/hackathon-projects/>

