

Community Science Institute is a 501(c)3 nonprofit organization and NYSDOH ELAP-certified water testing lab. Our mission is to empower communities to protect water quality through volunteer stream and lake monitoring in the Cayuga Lake watershed and the surrounding region. We manage four distinct water quality monitoring programs in partnership with over 250 local volunteers: [Synoptic Stream and Lake Monitoring](#), [Cayuga Lake Harmful Algal Bloom Monitoring](#), [Biomonitoring](#), and [Red Flag Monitoring](#). Results from these programs are made available to the public on our online water quality database: www.database.communityscience.org. In addition, we provide free, hands-on water-themed educational opportunities to youth through our [Journey of Water summer program](#). Finally, we provide fee-based, certified drinking water testing services for the Cayuga Lake region and count the Tompkins County Health Department and Cornell University as well as dozens of businesses and hundreds of private homeowners among our clients.

Position Description: CSI is seeking an intern with an interest in water quality data and science education. This intern will work with project partners including Discover Cayuga Lake and a local teacher to design and compile a "Finger Lakes Data Jam" curriculum for 5th grade students using CSI's online water quality database as a tool. The unit and related materials will become available to all classes in Discover Cayuga Lake's Trout in the Classroom and Floating Classroom programs during the 2024-2025 school year and will be used as inspiration to develop creative approaches for using CSI's water quality database in future outreach projects. While developing this curriculum will be the primary project for the intern, the intern may also be afforded the following opportunities through this position:

- Attend weekly lab meetings with the full CSI team
- Assist with the implementation of our outreach and education programs including generating social media content, providing support for Journey of Water activities, and writing articles for CSI's website/monthly updates
- Provide support to administrative staff (e.g. customer service, report preparation, prepare sampling kits, etc.)
- Wash and prepare sample bottles for volunteer monitoring programs

General Information & Requirements:

- Interns will be under the supervision of a CSI staff member