Water Research Internship Spring 2023

Pittsburgh Collaboratory for WATER
Research, Education, Outreach

Now seeking an intern for the Spring Semester!

Internship Overview
The Pittsburgh Collaboratory for Water Research, Education, and Outreach at the University of Pittsburgh is seeking an undergraduate for a spring internship. The Collaboratory is offering a $1,500 stipend for the semester (Jan.-April 2023). The intern will work 5-10 hours per week with Collaboratory staff and faculty leadership to support data visualization related to a partnership with 3 Rivers Waterkeeper. In 2021-22, Collaboratory staff worked with 3RWK to sample 25 locations in the Upper Ohio Basin for a series of water quality parameters. Now the PWC is seeking an intern with significant GIS experience who can assist staff in developing a story map to help communicate the results and their meaning to a broader online audience.

Project Outcomes:

- A product agreed upon by academic advisor and community partner (in this case a GIS Story Map communicating the research findings)
- A final presentation (~20 minutes) at a Water in a Changing World Meeting
- A short blog post or written testimonial detailing the student's experience

Applicant Qualifications:

- Unofficial transcript showing GIS coursework
- Experience managing data sets and making maps with Arc Pro
- Experience with Arc Story Maps is a significant plus
- An interest in environmental science and water quality

Applicants should submit:

(a) A resume that includes the names and contact information for three references
(b) A list of GIS coursework or previous project work via an unofficial transcript

Due Date: Applications should be emailed as a single pdf to Megan Guy (megan.guy@pitt.edu) by 8am on Monday 12/12/2022

Selection Criteria

Applicants will be selected based on their interest in water research, community engagement, and their experience with ESRI software. Strong preference will be given to candidates who have previously worked with Story Maps, as well as those with an interest in, or connection to, environmental and water quality coursework. All applicants will be informed by 12/17/22 regarding the status of their application. The selected applicant will meet with Collaboratory staff, faculty advisor and 3 River Waterkeeper the week of January 9th to discuss the internship scope, goals, schedule, and deliverables. The expected deliverables, including the story map, blog, and presentation should be completed by the end of April 2023. If you have any questions, please contact Megan Guy (megan.guy@pitt.edu)