Water Research Internship Spring 2023

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 to collect water quality data and participate in outreach events in the Churchill Valley Greenway with Patrick Shirey (Pitt Geology and Environmental Science), Sarah Moore (Pitt Film and Media Studies), and Renee Dolney (Chalfant Run / Thompson Run Watershed Association). In 2022, the Pittsburgh Water Collaboratory began monitoring water quality and fisheries of Chalfant Run and its tributaries within the Churchill Valley Greenway because of plans to remediate Acid Mine Drainage and restore streams and floodplain wetlands. This internship will help support the next phase of collaborative efforts.

Project Outcomes:
• A product agreed upon by academic advisor (Patrick Shirey) and community partner (Renee Dolney) that could include water quality sampling, macroinvertebrate surveys, or other work.
• A final presentation (~20 minutes) at a Water in a Changing World Meeting
• A short blog post, photo essay, or written testimonial detailing the student’s experience

Applicant Qualifications:
• Unofficial transcript showing relevant coursework
• Experience managing data sets and making maps
• An interest in environmental science and water quality
• Willingness to travel off campus to the Greenway (via personal vehicle, in coordinated transportation with other students or faculty, or the #67 bus)

Applicants should submit:
(a) A resume that includes the names and contact information for three references
(b) A list of 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 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 Chalfant Run/Thompson Run Watershed Association the week of January 9th to discuss the internship scope, goals, schedule, and deliverables. The expected deliverables, 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)