

Gowanus Canal



CONSERVANCY

CITIZEN SCIENCE EDUCATOR POSITION SEASONAL CONTRACT

The **Citizen Science Educator** will support the Gowanus Canal Conservancy (GCC) Citizen Science Water Quality Testing program. Serving as the lead instructor for school groups, the Educator works primarily with the GCC Education Coordinator and Education Director to carry out the program.

Citizen Science Program Description

Students from 15 schools visit GCC in Spring 2019 at the 2nd Ave Salt Lot to conduct water quality testing on samples from the Gowanus Canal. In 90 minute sessions, each school's students will test water samples with parameters that include salinity, temperature, turbidity, and dissolved oxygen. Students learn what each parameter means; how to use test equipment; collect data and read results using the Gowanus Canal as a field site. Students learn about NY Harbor water quality and how Combined Sewage Overflow (CSO) affects water quality. Students also learn how green infrastructure can lessen CSO and the role of citizen scientists in advocating for waterways.

Responsibilities

- Participate in program training, orientation and end of season evaluation meeting
- Lead instruction for 90 minute outdoor sessions at the Gowanus Canal (15 total visits for 20-30 students each on Tuesdays and Thursdays)
- Train and manage assistant educators and volunteers on site
- Plan lessons and materials (curriculum already developed) in coordination with the Education Coordinator

Qualifications

- Experienced educator and scientific practitioner with experience teaching in field work settings
- Competency with basic water quality testing parameters, methods, data and equipment is essential
- A background in Marine Ecology or Marine Biology is helpful but not required
- Ability to teach students and engage teachers and chaperones effectively
- Passion for cultivating environmental stewardship among youth
- Ability to train and manage other staff and volunteers in the field
- Comfort and desire to work outdoors

Contractor Compensation: This is a part-time, seasonal contract, \$20-\$30 an hour, contingent on demonstrated experience.

Schedule: Program takes place March-June 2019, with potential for contract renewal in Fall 2019. Program delivery with schools takes place on Tuesdays and Thursdays during the school day, March-June (some dates may not be scheduled).

How To Apply: Send your resume and a cover letter to: info@gowanuscanalconservancy.org. You may include supplemental materials to support your application. Candidates will be interviewed on a rolling basis. Early applications are encouraged.