



## **Lake Monitoring and Management Intern** **Job Description**

Are you looking to get your feet wet in the field of aquatic ecology? Spend the summer with on Teatown's Stewardship team as the Lake Monitoring and Management Intern! This internship consists of bi-weekly aquatic vegetation (invasive species focused) and zooplankton surveys as well as water quality monitoring of Teatown's three lakes. The intern will report to the Aquatic Programs Coordinator. This is an ideal position for college students on summer break and is a part-time, seasonal position from May 15-August 30. Interns will work 15 hours/week. Days of the week are flexible, but some weekend work will be required.

### **Job Duties Include:**

#### **Lake Monitoring and Management**

- Conduct bi-weekly submersed aquatic vegetation surveys (SAV) on Vernay Lake and Shadow Lake via kayak using a standardized survey protocol (rake toss, point-intercept method)
- Collect and identify zooplankton using a plankton tow
- Take weekly water quality measurements, including turbidity, pH, dissolved oxygen, and phosphorous and nitrogen concentrations, on Teatown, Vernay, and Shadow Lakes
- Manually remove invasive water chestnut from Teatown Lake
- Monitor lakes for signs of harmful algal blooms, collect and identify suspicious water samples
- Assist in maintenance of floating wetlands on Teatown Lake
- Assist in vegetative buffer plantings around Teatown Lake

#### **Education and Outreach**

- Assist Aquatic Programs Coordinator with volunteer survey trainings and workshops
- Teach 1 Basic Aquatic Invasive Species Identification workshop

#### **Qualifications**

- High school diploma (18+)
- Experience working independently and comfortable working alone
- Ability to remain positive in adverse environmental conditions
- Willingness to hike easy-moderate terrain
- Strong desire to advance in the field of aquatic sciences
- Comfortable around wildlife and insect encounters, including snakes, spiders, bees/wasps, and crayfish
- Comfortable engaging strangers/the public (intern will teach one workshop to the public)

**Pay:** \$13/hr (Full stipend \$3,000). Local applicants only, no housing provided

**Please email any questions to Aquatic Programs Coordinator Lindsay Yoder at [lyoder@teatown.org](mailto:lyoder@teatown.org)**