



The North Tonawanda Botanical Garden Organization is pleased to announce the availability of an intern program made available through a NYSDEC grant award. The program involves the operational procedures for managing WNY native plant propagation and sustainability at the North Tonawanda Botanical Garden (NTBG). Interns will learn and document greenhouse, outdoor propagation and site restoration procedures. Interns will learn grant writing basics and compile content for applications. Some of the typical assignments are listed below.

Research components:

Collect and test on site stormwater samples.

Collect and test on site soil samples.

Propagation operations:

Interns learn and document greenhouse and plant stock management tasks.

Collect and store seed stock.

Restoration operations:

Select greenhouse stock for direct planting to wetland/shoreline restorations.

Control invasive species.

Grant Applications:

Review RFA's.

Develop application content and upload.

The research component will develop site specific best management practices for the habitat and bioretention facilities of the planned parking area reconstruction. The NT Sustainable Community Program has already engaged dozens of students through planting native species in a Living Shoreline demonstration project at the NTBG to reduce and filter stormwater runoff before it enters Tonawanda Creek, increase biodiversity at the land/water interface and build climate change resiliency of shoreline habitats. This project will further these efforts and opportunities for hands-on learning. As NTBGO continues increasing habitat project area and stormwater mitigation effectiveness the sampling will continue to evaluate project success.

By investing in the NTBGO organization, NYSDEC will guarantee that generations of students and other visitors have access to high quality, practical environmental education experiences, where environmental education programs are integrated with living classrooms – exploring Waterkeeper's new Living Shoreline project on site; conducting water quality sampling in the Erie Canal/ Tonawanda Creek; planting native species for pollinators in the wetland/shoreline restorations; and learning stormwater management techniques in the on-site rain gardens. NTBGO has developed a successful model for habitat restoration and education in the rich setting of a Botanical Garden. Leveraging partner funds and our educational network is the most cost-effective way to grow our model to accommodate more students from our city schools, new students from other partner schools, visitors from the general public, college students from SUNYECC and new partners. Engaging interns to carry this knowledge through the next phase of the Botanical Garden's growth is the best and most cost-effective way to continue our restoration progress into the next generation of stewards. Internships in North Tonawanda funded by NYWEA's Work-In-Water Program have proven to be a successful method to achieve this goal.



Internship Program Application

Name

Last _____ First: _____ Middle Initial: _____

Address

Street: _____ City _____ Zip Code _____

Contact info

Email _____ Phone # _____

Education

College/University _____ Major _____

Freshman Sophomore Junior Senior Graduate Student

Name of Academic Advisor _____

Phone # or Email _____

Will you receive academic credit for your intern work? Yes No

References with contact info:

- 1) _____
- 2) _____
- 3) _____

Please complete this application, save and submit along with your resume to:
ntbgo@hotmail.com.