



Center for Great Lakes Literacy (CGLL)

Education and Training Program 2019-20

Enrollment is limited to ten teachers – Application deadline is 5-15-19

Facilitated by Pennsylvania Sea Grant & funded through the Great Lakes Restoration Initiative.

Additional workshop contributors include the Regional Science Consortium at Presque Isle, the Natural History Museum at TREC, and the Northwest Tri-County I.U. #5.

CGLL provides:

- **Opportunities to build your understanding of Great Lakes issues** through lab, field and classroom experiences
- **Resources for teaching** including curriculum, loanable activity kits, and water quality monitoring equipment
- **Ongoing support and mentorship**
- **Ways to engage your students and community:** funds for experiential student activities; opportunity to share your projects through Erie Times-News “Newspaper in Education-Environment” page; support to attend professional meetings; participation in the Great Lakes Awareness Day, a forum that highlights student stewardship projects
- **Teacher stipend & support for student experiences and project development**



Teacher celebrates successful robotics project.

This program is open to formal and informal educators who work with students in grades 4-12. Our 2019-20 focus is “resilience” in Erie County, in particular: Disease, Food, and Weather. We will explore several Citizen Science projects that encourage your students to contribute valuable data to ongoing research projects.

Requirements for participation:

1. Submit a completed application by 5-15-19
2. **Attend a full day workshop on 06/26/19 and a half-day workshop on 10/19/19*.** (At the Tom Ridge Environmental Center)
3. Participate in the International Coastal Cleanup in Fall of 2019
4. Help develop and implement a student stewardship project
5. Participate in the 2020 Great Lakes Awareness Day (GLAD)

***NOTE:** Workshops include field, lab, classroom, and on-the-water experiences, along with an overview of several citizen science projects that allow your students to contribute data to ongoing research efforts. **Attendance at teacher workshops is mandatory.**

See Application-next page



Students explore point/non-point stormwater concepts.

PA Sea Grant 2019-20 Center for Great Lakes Literacy Educator Application

Please print clearly or type.

Personal Information

First Name:

Last Name:

Home Address:

City: State: Zip:

Preferred Phone:

Preferred email:

School Information

School Name and District:

School Address:

City: State: Zip:

Teaching Certification/s:

Years of Teaching Experience:

Subject/s currently teaching:

Grade level/s currently teaching:

Number of classes taught:

Average number of students in each class:

Percent free or reduced lunch:

Percent English as a Second Language:

Type of school community (Please specify: Urban, Suburban, Rural, Tribal, Other)

As part of this program I agree to participate in an International Coastal Cleanup and data collection at my school and surrounding neighborhood. _____ Yes

Questions continue on next page...

Please answer the following questions:

1. How often do you incorporate Great Lakes issues into your lessons? E.g.: Never, Sometimes, When it fits in easily, Often.
2. Where might you easily incorporate Great Lakes material into your teaching?
3. Describe your experience with engaging students in environmental problem solving in their community.
4. What would make development of a student-driven stewardship project easier for you?

Application deadline is May 15, 2019.

Questions? Please contact Marti Martz, (814)217-9011, x104 or mam60@psu.edu

Send completed application to:

Marti Martz

Via E-mail, Mam60@psu.edu or US mail:

c/o

Pennsylvania Sea Grant

301 Peninsula Drive, Suite 3

Erie, PA 16505

We look forward to receiving your application. You will be notified of acceptance.



Aquatic Invasive Species 'Attack Pack' available for loan



Student shares her microplastic project with other students at GLAD event.