

Partnership for the Delaware Estuary

JOB DESCRIPTION

GENERAL DESCRIPTION

The Shellfish Specialist collects, enters, organizes and analyzes scientific results from diverse research and restoration projects that focus on native species of bivalve shellfish such as oysters and freshwater mussels.

JOB FUNCTIONS

1. Assists with research and restoration projects for the Freshwater Mussel Recovery Program and Delaware Estuary Living Shoreline Initiative.
 - Performs office, field, and laboratory tasks using established SOPs and methods.
 - Assists with research experiments and field monitoring to discern ecosystem services provided by bivalve mollusks.
 - Support with data management including data entry, archiving, and analysis.
 - Help prepare technical reports and research proposals.
 - Compiles and shares results via professional presentations.
2. Provides project support for the Mussels for Clean Water Initiative.
 - Contributes to organizing technical meetings and coordinate communications with partners.
 - Assists with research and development of mussel propagation and rearing methods.
 - Performs literature reviews and organizes technical documents.
 - Help prepare science translation products such as fact sheets and web content.
3. Performs departmental duties
 - Support the oyster shell recycling program as needed.
 - Provides field and laboratory assistance for diverse science projects, as requested.
 - Helps to maintain data quality and assurance.
 - Maintains all state and federal scientific permits related to shellfish programs.
 - Create and edit diverse scientific content for physical and digital media.
 - Supports citizen science and outreach programs, as requested.
4. Completes other duties as assigned.

REQUIRED SKILLS & EXPERIENCE

1. Bachelor's degree from an accredited college in a life or environmental science field .
2. 1 year of experience working with bivalve shellfish (experience with both freshwater and saltwater species is preferred).
3. General understanding of environmental and ecological sciences.
4. Experience working in a laboratory setting.
5. Field experience such as wading, boating, and snorkeling in coastal bays and rivers.
6. High level of safety awareness.
7. Ability to work cooperatively on a field team and independently on office/data tasks.

8. Ability to swim and work in various field conditions.
9. Strong organizational skills, adaptability, and efficiency.
10. Strong interpersonal skills to contribute to diverse teams of PDE staff and external partners.
11. Knowledge of Microsoft Office suite and statistical software. ArcGIS experience is preferred.
12. Excellent written/oral communication skills
13. Valid United States driver's license.

WORKING CONDITIONS

Time spent in this position will be split between being in an office setting and outdoors (including wetlands, creeks, lakes, and rivers throughout the Delaware Estuary). Occasionally, there will be tasks completed in a warehouse facility as well as a laboratory. Work hours may shift dependent on the tides or project assignment. Long hours and weekend work will occasionally be necessary.

PHYSICAL REQUIREMENTS

The incumbent should be able to lift 50 pounds. The incumbent should be able to sit and stand for at least 5 hours at a time.

REPORTING RELATIONSHIPS

Reports to: Shellfish Coordinator

Direct reports: none

Shellfish Specialist

Partnership for the Delaware Estuary, a regional environmental nonprofit organization based in Wilmington, Delaware, seeks a Shellfish Specialist to assist in a diverse array of ongoing research projects including surveys, assessments, and propagation of freshwater and marine bivalves. The position will work closely with science staff to carry out research beginning as early as April 2019. Available individuals who have experience in bivalve shellfish propagation and restoration are encouraged to apply with a cover letter, resume, and names and email information of two references. A more detailed description is attached. This is a regular full time exempt position.

Interested applicants are encouraged to submit a resume by **March 15th, 2019**, to: Partnership for the Delaware Estuary, 110 South Poplar Street, Suite 202, Wilmington, DE 19801; by fax to (302) 655-4991; or by e-mail to apadeletti@delawareestuary.org.

Partnership for the Delaware Estuary Inc. is an Equal Opportunity Employer. Qualified persons are encouraged to apply regardless of religious affiliation, race, age, sex, gender identity, sexual orientation, disability or any category that becomes protected by federal labor law. Candidates must be able to work legally in the United States.