



Barnegat Bay Student Grant Program Water Quality Team Project

“The purpose of our scholarship program is to provide funds to arouse the interest of Ocean County college students in broadening their knowledge of the bay through both education and practical experience. There is a pressing need for more science-based management of Barnegat Bay before it is completely unfishable, unswimmable, and uninhabitable to marine life.

Students who receive scholarships will work with a mentor throughout the summer on research projects designed to study many of the problems and work to implement corrective action while there is still life in the old bay. It is further hoped that the publicity generated by these projects will lead to increased public education and perhaps legislative action in order to help save Barnegat Bay.”

– ©March 2007, Paul “Pete” McLain, Founder



Pete McLain was the visionary and pioneer for the Barnegat Bay Student Grant Program. It was his passion and commitment to Barnegat Bay that prompted him to create this program, so that students could conduct academic research and then later choose to dedicate a career to better understanding the Bay. During the course of your research, please honor him throughout your adventure, as it wouldn't be possible otherwise.

Application Guidelines

Applicant Eligibility Requirements:

1. Undergraduate student applicants must be **enrolled** in a full-time program of study in marine science, natural resource management, environmental studies, or related fields at an accredited college or university. Proposed advisor must be able to commit to project dates.
2. High school 12th grade applicants must be **accepted** to one of these full-time programs prior to application deadline and have an advisor committed throughout the entire project.
3. Graduate students **not eligible** for the water quality team.
4. **Students do not need to be a part of a team to apply.** You will be placed in a team of candidates after your application has been accepted.

Team Eligibility Criteria:

1. Must live within the Barnegat Bay watershed during the summer months and have a flexible schedule for water quality testing
2. **Advisor Recommendation Letter** (cannot be from a Grant Committee member) – provides a good indication of you as a student and your abilities to work on a field, team-oriented project
3. **Letter of Interest**
 - Clearly written, with concise reasons why you would like to be part of a water quality research team
 - What you feel you can contribute to the project and the team
 - Knowledge of **current** Barnegat Bay issues and/or Save Barnegat Bay's mission
4. **Team-Oriented Field Work** – past experience working with team projects, water quality testing, and/or experience working in the field
5. **Advisor Commitment** – High school 12th grade applicants must have a written commitment from advisors for the entire length of the project, Undergraduate applicants must have a written commitment of attendance at specific project dates listed

Project Expectations:

1. Dedication of a **minimum of 60 hours** to the proposed project during the allotted timeframe of the team project
2. Must record research activities in a **journal** and keep a log of your hours
3. Must **report any changes to the project methodology** to Save Barnegat Bay
4. Must provide the Grant Committee with a **mid-point project presentation** outlining your progress to date (oral and written)
5. Must attend **Final Presentation** on August 13th, 2016* (date subject to change)
6. Must submit **Final Written Research Report**, with summary of your research for press purposes, by August 19th, 2016* (date subject to change)

Application Checklist:

- Application cover page (provided)
- Letter of Interest – include reasons to be a part of a water quality research team, contributions to the team, knowledge of Barnegat Bay issues, flexible availability, past research or field experience
- Relevant Team-Oriented Field Work Experience
- Official High School or College Transcript
- Official College Acceptance Letter (for 12th grade applicants)
- Recommendation and Commitment Letter from Advisor or Supervisor (cannot be on the Grant Committee)

Funding:

At the start of your project, an initial disbursement of \$150 will be made. The remaining funds will be disbursed after the final report is submitted and approved by the Grant Committee.



Important 2016 Grant Dates (subject to change):

April 1st – Application Deadline

April 15th – Notification of Candidate Awards

May 13th – Orientation Meeting (Candidates, Advisors, and Grant Committee)*

June 5th – Barnegat Bay Festival (Presentation of Grant Candidates)

June 20th – Mid-point Project Presentation*

- Written submission of mid-term update
- Oral presentation (with PowerPoint) of project to date
- Review of your journal and entries to date
- Seminar about a Barnegat Bay topic for all candidates (provided)

August 13th – Final Project Presentations*

- Formal scientific presentation (with PowerPoint) open to the public
- Meeting with committee to review presentations

August 19th – Final written research report and summary write-up due

(*Indicates dates where grant candidate and advisor participation is mandatory)

Applications must be received by 5pm on April 1st, 2016. We strongly encourage applications to be sent electronically through the Save Barnegat Bay Student Grant Program Website (www.barnegatbaystudentgrant.org) or as attachments to Kimberly Belfer (kbelfer@savebarnegatbay.org)

For additional Information contact:
Kimberly Belfer, Education & Outreach Coordinator
Save Barnegat Bay
725-B Mantoloking Road, Brick, NJ 08723
(732) 830-3600

Date of Submission:

TEAM PROJECT COVER PAGE

Name of Applicant:

Summer Address, Phone Number, and Email:

Advisor's Name, Phone Number, and Email:

College or University that you are (or will be) attending:

How did you hear about this program?

As of the spring 2016, I am currently a: (Please circle one)

HS Senior Freshman Sophomore Junior Senior

Emergency Contact Name, Phone Number, and Email:

Signature:

This project is a collaboration of the Barnegat Bay Student Grant Program, Marine Academy of Technology and Environmental Science (MATES), and the NJ Department of Environmental Protection (NJDEP). Grant Candidates are placed within a water quality team and will be working alongside MATES students and NJDEP employees.

Other sources of funding: