

**Great New Opportunity to Learn Marine Sciences At  
Adelphi University NSF/NOYCE Scholarship Program  
For Preservice and Inservice Teachers**

Lou Siegel, a NYSMEA founder and board member will be teaching a marine science course as part of the NSF/Noyce Scholars SEA program at Adelphi University, July 8-12th, 2013. This course will consist of lecture, laboratory and field learning experiences at the shoreline and onboard vessels designed to deepen and advance candidates' understanding of the saltwater and estuary environments surrounding Long Island and to translate these experiences for effective science, math and technology instruction in middle and high school classrooms. These experiences will allow teachers to instill a knowledge of, appreciation for, and the desire to preserve the environment in general and the local marine environment in particular. All topics will be keyed to the New York State Learning Standards and Core Understandings. It is anticipated that activities will include some or all of the following or comparable experiences: Kayak trip, shipboard collecting experience, shipboard experience on historic sailing vessel, marine mammal research offshore trip, visits to ocean and bay beaches, and aquaculture facilities. See presentation of last year's program.

<http://www.lousiegel.net/Adelphi/MarinateMST2012sm.ppt>

### **The Adelphi SEA Program**

Adelphi's SEA program is a National Science Foundation/NOYCE Scholarship for undergraduate students in our [STEP program](#) and [graduate science education students](#) that uses Long Island's natural environment for teaching and provides unique training in science education.

Students will receive scholarship funds leading to the completion of an M.A. in Science Education with initial New York State certification (grades 7-12) in a science discipline (biology, earth science, physics, or chemistry).

Additional benefits of the SEA program include:

- \$55,000 (3 years) of tuition scholarship funding for undergraduate (STEP) students
- \$22,000 (1 year) of tuition scholarship funding for students enrolled in the accelerated graduate program
- Paid Nassau BOCES internship with the marine biology program
- Participation in marine science field courses on Long Island and in Australia
- Unique mentoring and professional development support throughout the program

**For more information contact** Tracy Hogan at 516.877.4019 or [seanoyce@adelphi.edu](mailto:seanoyce@adelphi.edu).

**Interested students must apply for admission to Adelphi University.**