

# RESEARCH EXPERIENCES FOR UNDERGRADUATES

## Maryland Sea Grant • Summer 2012



Class of 2011



[www.mdsg.umd.edu/Education/REU](http://www.mdsg.umd.edu/Education/REU)

**T**HIS SUMMER, Maryland Sea Grant will offer fourteen undergraduates the opportunity to conduct marine research on the Chesapeake Bay — the program is especially designed for students majoring in such fields as biology, chemistry, ecology, physics, engineering, mathematics, and marine and environmental science.

During this 12-week program (May 20-August 12), each student will work with a science mentor on an individual research project at one of two marine labs located on Chesapeake Bay: the University of Maryland Center for Environmental Science's\* (UMCES) Chesapeake Biological Laboratory at Solomons, Maryland, or its Horn Point Laboratory at Cambridge, Maryland.

Research areas include:

- estuarine processes
- benthic environment
- physical oceanography
- contaminants
- fisheries
- molecular biology and genetics
- environmental chemistry
- submerged aquatic vegetation
- modeling and analysis
- coastal observing systems

The Maryland Sea Grant Program, with support from the National Science Foundation, will provide each fellow with a stipend of \$4,300, housing costs and round-trip travel expenses.

To apply, visit the REU web site listed above to complete the online application form or contact Maryland Sea Grant at 301-405-7500. The deadline for receipt of applications is February 28, 2012.



**S**TUDENTS SPEND THE SUMMER at either Chesapeake Biological Laboratory in Solomons or Horn Point Laboratory in Cambridge. Visit the REU website to learn about past programs and ongoing research by faculty who work with REU students.



\* UMCES labs (red dots) are located on the Maryland portion of the Bay, with HPL on the eastern shore and CBL on the western.



Student orientation includes a science cruise on the Bay and up the Patuxent River aboard the UMCES research vessel *Rachel Carson*.

REU Summer Fellowships are supported by the National Science Foundation