

# RESEARCH EXPERIENCES FOR UNDERGRADUATES

## Maryland Sea Grant • Summer 2014



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

**T**HIS SUMMER, Maryland Sea Grant will offer fifteen 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 18-August 10), 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 in Solomons, Maryland, or its Horn Point Laboratory in 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 \$6,000, 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 21, 2014.



**V**ISIT THE REU WEBSITE to learn about past programs, ongoing research by faculty who work with REU students, and to apply online starting in December 2013.

\*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**