

RESEARCH EXPERIENCES FOR UNDERGRADUATES

Maryland Sea Grant • Summer 2008



www.mdsg.umd.edu/REU

THIS SUMMER, Maryland Sea Grant will offer thirteen 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 (CBL) at Solomons, Maryland, or its Horn Point Laboratory (HPL) 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 \$4,200, housing costs and round-trip travel expenses.

To apply, visit the REU website 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 29, 2008.



STUDENTS 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 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 *Aquarius*.

REU Summer Fellowships are supported by the National Science Foundation