

# education

## EDUCATION HIGHLIGHTS

*Our partner institutions and HML provide several programs and initiatives that allow students the opportunity to conduct research at the laboratory. During 2013, 76 students participated in educational programs including opportunities for summer undergraduate research as well as masters and doctoral level research.*

### Undergraduate Programs

#### **Minorities in Marine and Environmental Sciences Internship Program (MIMES):**

The Marine Resources Division of the South Carolina Department of Natural Resources (SCDNR) offers internship positions for undergraduate, minority students. The program receives funding from the National Science Foundation and other cooperating partners, such as NOAA, and other state agencies. It also provides interested students with an opportunity to work at HML. During the 12-week program, students develop a research project while learning scientific problem solving, writing and presentation skills. Mentors experienced in various fields of marine, environmental and coastal ocean science (including chemistry, marine biology, marine policy, toxicology, microbiology, fisheries science, marine, estuarine and wetland ecology) provide instruction and guidance for the interns. At the conclusion of the program, students complete written reports and make oral presentations that describe their summer



*HML's visiting undergraduate scholars gather in HML's reception area during the summer of 2013.*

research. For more information please visit <http://www.dnr.sc.gov/marine/minority/>.

#### **Summer Undergraduate Research Program (SURP):**

The Medical University of South Carolina (MUSC) offers outstanding undergraduate students the opportunity to work closely with faculty members on cutting-edge biomedical research projects. Participants in this 10-week program are to perform at a graduate student level. Students are placed with faculty members whose research is closely related to academic interests and professional goals of the students. Students work with faculty on an individual basis or as part of a research team in the area of Marine Biomedicine and Environmental Sciences. For more information please visit <http://www.musc.edu/mbes/GraduateEdu/summerstudents.htm>.

#### **Research Experiences for Undergraduates (REU) Program:**

This program is funded by a grant through the National Science Foundation and hosted locally by the College of Charleston (CofC). Each summer, CofC provides research training for as many as 10 students for 10 weeks. The program focuses on the multidisciplinary theme of "Marine Organism Health: Resilience and Response to Environmental Change." Students participating in this program investigate the impacts of climate change, natural disasters, pollution, and coastal development. There are a wide variety of research projects available to students ranging from marine organisms at the individual level to the community and population levels. For more information, please visit <http://reu.cofc.edu>.