



## *Educational Outreach*

### **OCEANS ALIVE**

The mission of OCEANS ALIVE is to inform and interest students and teachers in Naval oceanography. OCEANS ALIVE provides hands-on learning for students and teachers during three days aboard a multipurpose T-AGS 60 class oceanographic ship.

### **Ocean Science Mentoring Program**

This program exposes Coahoma Community College (a predominantly minority school located in the economically depressed Mississippi Delta) students to science and mathematics through mentoring partnerships with Naval Oceanographic Office (NAVOCEANO) scientists during a six-month program. Participating students are introduced to ocean science via projects designed by NAVOCEANO mentors assigned to each student.

### **Sea Scholars**

Sea Scholars is specially designed to provide small groups of K-12 teachers with first-hand oceanography and geography experiences. Scholars spend 7-10 days conducting survey ship operations aboard a U.S. Navy oceanographic ship.

### **Personal Excellence Partnerships and Assistance Programs**

NAVOCEANO provides mentors, science fair judges, subject matter experts (including biologists, archeologists, geologists, etc.) and career advisors as needed. NAVOCEANO has approximately 60 partnering programs and agreements with K-12 schools across south Mississippi and southeastern Louisiana.

### **High School and College Undergraduate and Graduate Programs**

NAVOCEANO hires high school students to work during holiday and summer months. We also support undergraduate and graduate students in our Student Career Experience Program.

### **Professional Development and Graduate Education**

The Center for Higher Learning is a consortium of universities at Stennis Space Center that offers advanced degrees including master's programs in Engineering, Applied Physics, Marine Science and Hydrographic Science. The Hydrographic Science program was developed with NAVOCEANO and is the only master's program in the United States to be certified Category A by the International Hydrographic Organization.

### **Regional Ocean Science Bowl**

NAVOCEANO and Commander, Naval Meteorology and Oceanography Command support the Consortium for Oceanographic Research and Education's Regional Ocean Science Bowl at the J.L. Scott Marine Education Center with approximately 30 volunteers each year. These volunteers serve as moderators, science fair judges, score keepers and rules judges and perform additional duties as assigned.



## **Engineering and Science Residential Program**

The Secretary of the Navy's Engineering and Science Residential Program is a unique academic project that incorporates the resources, skills and backgrounds of Navy scientists with those of the University of Southern Mississippi faculty to provide an exciting and educationally enhanced experience. Students work several days a week with mentors at NAVOCEANO or the Naval Research Laboratory and spend the remainder of the week in the classroom and field.

## **JASON Project**

Since 1993 NAVOCEANO and Commander, Naval Meteorology and Oceanography Command have cohosted and participated in the JASON Project at J.L. Scott Marine Education Center and Aquarium in Biloxi, MS. Thousands of students and teachers have experienced and participated in this interactive science expedition with Dr. Bob Ballard of Institute for Exploration.

## **Neptune's Web**

Commander, Naval Meteorology and Oceanography Command's interactive, online Web-based program provides an understanding of the oceans and their processes through an intuitive self-paced program. The teacher's section provides valuable lesson plans that are used by home scholars around the country. This online reference is available at <http://pao.cnmoc.navy.mil/educate/neptune/neptune.htm>.

*For more information, please contact NAVOCEANO Public Affairs at 228.688.5649  
or visit <https://www.navo.navy.mil>.*