

**From:** Price, Kelly [mailto:KPrice@forsyth.k12.ga.us]  
**Sent:** Thu 2/8/2007 6:09 PM  
**To:** Price, Kelly  
**Subject:** FW: GSSA FW: Opportunities for Teachers

Subject: Opportunities for Teachers

There is still time to apply to these exciting educational opportunities for teachers.

1. "Green Eggs and Sand" - Horseshoe Crab & Shorebird Education Workshop

Looking to infuse a global biodiversity and current real-life resource management challenge into your classroom? Interested in meeting and learning firsthand from a select and diverse group of experts and stake-holders offering a wealth of knowledge and experience with the issues?

Join the Green Eggs and Sand Team for a 2-day workshop at the University of Georgia Marine Education Center and Aquarium on Skidaway Island Savannah, Georgia. The workshop, co-sponsored by Sapelo Island National Estuarine Research Reserve (SINERR), will be held Friday evening, May 4, 2007 through Sunday morning, May 6, 2007. You'll receive training and materials to educate middle and secondary students about the horseshoe crab/shorebird phenomena.

\*/For further information please contact:/\*

\*/Dodie Sanders at 912-598-2340 or [\\*\\*/sandersd@uga.edu/\\*](mailto:sandersd@uga.edu)  
<<mailto:sandersd@uga.edu>>\*\*

2. Ocean Sciences Education Leadership Institute

June 24-30, 2007

UGA Marine Education Center and Aquarium, Skidaway Island, Savannah, GA

"Undersea Research and Technology"

Participants will build and test their own Remotely Operative Vehicle (ROV) from MIT Sea Grant SEA PERCH program, which they will take back to their classrooms. They will discover how ROVs are used to study the seafloor to understand habitats, geology and effects of surface storms on the bottom. Research at the National Marine Sanctuary Gray's Reef and at other South Atlantic Bight locations by NOAA Ocean Exploration and NOAA National Undersea Research Programs will bring underwater exploration and technology alive in the classroom. Benefits include: lodging, travel and meals, stipend, continuing education credit, support activities aligned with local science standards for physical, earth and life sciences, and an ROV - SEA PERCH to take back to the classroom.

For more information contact Margaret Olsen, COSEE SE Education Specialist, [olsen@uga.edu](mailto:olsen@uga.edu). See COSEE SE website for an application: <http://www.seagrant.org/se-cosee/> Application Deadline is March 16th

3. AN EXCITING MARINE RESEARCH OPPORTUNITY FOR HIGH SCHOOL TEACHERS

"SEABED PHYSICS/CHEMISTRY/BIOLOGY OF THE GEORGIA MID-SHELF"

A unique opportunity exists for 2 high school teachers to serve a 3 week internship during each of the next two summers at the Skidaway Institute of Oceanography. These teachers will work closely with Dr. William Savidge and other research scientists from the Skidaway Institute of Oceanography, the University of South Carolina and the University of South Florida on an NSF funded "BOTTOMS-UP" research project to develop a remote benthic observatory for the Georgia continental shelf.

The Research: Scientists will conduct a broadly interdisciplinary research project designed to increase our understanding of how the biology and the chemistry of the sea floor and the overlying water column interact. They will deploy a series of instruments capable of measuring the seafloor response to physical forcing from the water column across a range of time scales. They will measure the changes sediment transport, chemical fluxes, and biological production in response to oceanographic conditions. The teachers will participate in the project as interns, and will experience how science is done by participating in cruise preparation, data collection and analysis. The dates will depend on the ship schedule, but most probably will be 7/9/2007 - 7/25/2007, with an equivalent window in 2008.

Application Deadline is March 1st. For more information and an application contact Dr. William Savidge at [william.savidge@skio.usg.edu](mailto:william.savidge@skio.usg.edu) or Margaret Olsen at [olsen@uga.edu](mailto:olsen@uga.edu)

4. There is still time to apply to the ARMADA Project- Research and Mentoring Experiences for Teachers

Application must be postmarked by February 5, 2007

The University of Rhode Island's Office of Marine Programs is accepting applications for the ARMADA Project- Research and Mentoring Experiences for Teachers. The ARMADA Project provides K-12 teachers an opportunity to actively participate in ocean, polar, and environmental science research and peer mentoring.

Selected Master Teachers (with five or more years teaching experience) are paired with leading scientists and participate in shipboard, field, or laboratory research with all expenses paid. Research experiences will take place during the summer, although there may be opportunities during the school year. Upon completion of their research experience, Master Teachers develop ways to bring the fruits of their research experiences, including scientific data, methodologies, and technology into their classrooms. They share their experiences by mentoring new teachers in their school district and by presenting their results at the National Science Teachers Association National Conventions.

The ARMADA Project has involved teachers in research experiences all over the world. Past experiences include taking part in the largest North Pacific humpback whale study in the waters off the coast of Alaska, investigating the impacts of global change in the Arctic Ocean, monitoring and assessing tidal creeks in South Carolina, studying the impact of human activity on dusky dolphins in New Zealand, exploring the seafloor off the coast of Sumatra to better understand the forces that lead to the 2004 Asian tsunami, water circulation studies in the Norwegian Sea, and a variety of ecosystem monitoring projects in the Bay of Fundy, Narragansett Bay, Gulf of Maine, Stellwagen Bank, Western Shelf of Florida, Sargasso Sea, Bahamas, Alaska, and Block Island Sound. See [www.armadaproject.org](http://www.armadaproject.org) for more information on past research experiences.

For more information about teacher qualifications, responsibilities, and to download an application see the ARMADA Project website [www.armadaproject.org](http://www.armadaproject.org) or contact Andrea Kecskes at 401-874-6211 or [armada@gso.uri.edu](mailto:armada@gso.uri.edu).

ARMADA Project  
Office of Marine Programs  
Graduate School of Oceanography  
University of Rhode Island  
Narragansett Bay Campus  
Narragansett, RI 02882  
tel: 401-874-6524, fax: 401-874-6486  
email: [armada@gso.uri.edu](mailto:armada@gso.uri.edu)  
<http://www.armadaproject.org>

Margaret Olsen  
Education Specialist  
SouthEast Center For Education Excellence  
UGA Marine Extension Service  
%UGA Marine Education Center & Aquarium  
30 Ocean Science Circle  
Savannah, GA 31411  
Phone: 912-598-2387  
if no answer, call my cell: 912-230-1149  
FAX: 912-598-2302  
[olsen@uga.edu](mailto:olsen@uga.edu)  
[www.scseagrant.org/se-cosee/](http://www.scseagrant.org/se-cosee/)