

INSIDE SEA GRANT

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Ingle re-elected as board chair of S.C. Sea Grant Consortium

Dr. Ronald R. Ingle, president of Coastal Carolina University, has been re-elected as chair of S.C. Sea Grant Consortium's Board of Directors. Ingle began his one-year term on January 1, 2003.

Ingle, a South Carolina native, is Coastal Carolina University's first president. Prior to his appointment at Coastal Carolina University, Ingle was associate dean of the College of Applied and Professional Sciences at University of South Carolina-Columbia. A tenured professor of psychology, Ingle has published numerous professional articles.

"I look forward to serving with the S.C. Sea Grant Consortium for another year," Ingle

said. "It's extremely important that organizations across the state work together to support efforts that preserve and protect the fragile environments which make South Carolina a beautiful place."



Dr. Ronald R. Ingle

Rick DeVoe, executive director of S.C. Sea Grant Consortium, said, "I am very pleased that our board has re-elected Dr. Ingle for the next year. I look forward to working with him and the other board members to further

enhance the program and activities of the Consortium."

Center bridges gap between ocean sciences research and education

The National Science Foundation Division of Ocean Sciences, the National Oceanic and Atmospheric Administration (NOAA) Office of Ocean Exploration, and NOAA Coastal Services Center have joined together to fund the SouthEast Center for Ocean Sciences Education Excellence (COSEE). SouthEast COSEE co-principal investigator Lundie Spence, a leader in the marine-education field, has been selected to serve as director. The center is one of seven regional centers in the United States, and is headquartered at the S.C. Sea Grant Consortium office in Charleston.

SouthEast COSEE will foster collaborations between ocean science researchers and educa-

tors, and translate the research into high-quality education programs. SouthEast COSEE will partner with scientists and educators from North Carolina, South Carolina, and Georgia to incorporate the science community's expertise into professional development opportunities for K-16 marine science teachers and inquiry-based educational materials for their students. Educational programs will be centered around three themes: the Deep Blue Sea, the Coastal Ocean, and the Land-Sea Interface.

Spence has established a SouthEast COSEE Board of Advisors, and four staff members have been hired: research specialist Carrie Thomas, see "SouthEast COSEE" on page 2

Inside Sea Grant is published two times a year to inform interested constituents about opportunities, activities, goals and accomplishments of the S.C. Sea Grant Consortium.

S.C. Sea Grant Consortium is a university-based network supporting research, education, and outreach to conserve coastal resources and enhance economic opportunity for the people of South Carolina.

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Sea Grant
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Science Serving
South Carolina's Coast

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“SouthEast COSEE” continued from page 1

located in Raleigh, N.C., curriculum specialist Jennifer Jolly Clair and administrative assistant Carolyn Robinson, both located in Charleston, S.C., and education specialist Margaret Olsen, who will work within the Georgia Sea Grant program. SouthEast COSEE lead partners include representatives from state and federal marine science programs, higher education institutions, research facilities, local and state education departments, science education centers, aquaria, non-governmental organizations, and professional societies in North Carolina, South Carolina, and Georgia.

SouthEast COSEE staff has begun identifying potential partners in the tri-state region, and is taking an inventory of regional marine research projects, scientists, and educational programs. Multicultural Pathways to Ocean Science Strategies, a charrette held in Charleston, identified successful educational techniques to engage under-represented students and teachers. Then an Ocean Education Leadership Institute for middle- and high-school teachers will be held in Wilmington, N.C. Teachers taking part in the leadership institute will discuss regional marine science research projects, and try maneuvering an underwater ROV (Remotely Operated Vehicle) from topside a research vessel at University of North Carolina-Wilmington.

Lundie Spence and the SouthEast COSEE staff held the first Board of Advisors meeting in Savannah, Ga., at the end of March. The board is composed of key people from departments of education, federal and state agencies, teachers, and Sea Grant.

“We are extremely excited about the opportunities Southeast COSEE will provide for the ocean science and education communities in this region of the United States,” said Rick DeVoe, executive director of the S.C. Sea Grant Consortium and SouthEast COSEE co-principal investigator. “By linking the diverse talents of the Southeast’s institutions through the Sea Grant program network in North Carolina, South Carolina, and Georgia, we will be able to bridge federal-, regional-, and state-level ocean science education programs much more effectively.”

For more information, visit www.scseagrant.org/se-cosee or contact Lundie Spence at lundie.spence@scseagrant.org or (843) 727-2078.

Accomplishment

Sea Grant collaborates on shrimp-industry planning

The S.C. Sea Grant Consortium is working with other partners to assist the South Carolina shrimping industry write a strategic plan for long-term sustainability in the state and region. Inexpensive, farm-raised shrimp has been dumped on U.S. markets, creating havoc for shrimp harvesters and producers throughout the South. A recent long-term drought has also helped to drive down U.S. shrimp harvests.

The federal government has provided for the dissemination of \$35 million in direct assistance for the domestic shrimping industry. Of that, about \$3 million is to come directly to South Carolina for emergency drought assistance and long-term planning.

With guidance from Clemson University, the S.C. Department of Natural Resources, the S.C. Sea Grant Consortium, and other agencies, the South Carolina shrimping industry is developing a plan that highlights five agenda items.

First, the local industry needs to improve marketing of its product to distinguish domestic shrimp from imports, and to enhance its value in the marketplace.

Second, the industry should encourage improved risk-management tools among shrimpers, such as improved business planning.

Third, the industry needs better techniques for quality assurance, so that consumers can easily distinguish between domestic shrimp and imports.

Fourth, the domestic industry should organize to gain better government institutional support, such as aid in marketing domestic shrimp.

Finally, the industry needs to improve its physical infrastructure. “It’s becoming harder to find dock space,” says Robert Bacon, program leader of the S.C. Sea Grant Extension Program. “The infrastructure is aging, and dock owners need help with getting facilities repaired.”

ts at a glance

DeVoe appointed as Sea Grant Association's external relations chair

Rick DeVoe, executive director of the S.C. Sea Grant Consortium, has been appointed chair of the Sea Grant Association's External Relations Committee (ERC) by SGA President Bob Stickney. The External Relations Committee coordinates SGA's interactions with external audiences, including the U.S. Congress, the White House Office of Management and Budget, NOAA and other federal agencies, and non-governmental organizations such as the Coastal States Organization, National Marine Sanctuaries Foundation, and National Association of Marine Laboratories, among others.

DeVoe, who is immediate past president of the SGA, is currently working with the ERC on FY04 appropriations for the National Sea Grant College Program. Last year, he worked with the SGA to help secure passage of a bill to reauthorize the National Sea Grant College Program within NOAA; the bill was signed into law by President Bush on November 26, 2002.

Consortium-nominated student wins fellowship

Jennifer Jefferies, a College of Charleston graduate student pursuing a M.S. in marine biology, is one of 33 people chosen to receive the John A. Knauss Marine Policy Fellowship for 2003. Jefferies is working in the NOAA Fisheries Office of Protected Resources, Division of Permits, Conservation, and Education in Washington, DC. The division develops, implements, and administers programs for the conservation of protected marine mammal species, including issuing permits for scientific research and public display.

To further the education of tomorrow's leaders, the National Sea Grant Office sponsors the Knauss fellowship, which brings a select group of graduate students to the nation's capital where they work in the federal government's legislative and executive branches. Students learn about federal policy regarding marine and Great Lakes natural resources, and lend their scientific expertise to federal agencies and congressional staff offices.



TaxsmART art of S.C. Sea Grant Consortium

What we do from a kid's point-of-view

Lee Bundrick, a fourth-grade student at Chapin Elementary, won second place in the TaxsmART: Picture Your Taxes™ program for his depiction of the S.C. Sea Grant Consortium. A merit award went to third grader Dominique Steward, also at Chapin. Susan Ferris, public information specialist, attended the award ceremony in Columbia to congratulate the students on behalf of the Consortium.

Organized by the S.C. Department of Revenue, TaxsmART educates the State's future taxpayers on the sources and uses of South Carolina's tax dollars. The program encourages young citizens to explore the function of state agencies, visualize how the State's tax dollars work, and research career opportunities in state government. Children research a state agency, and then draw what they think that agency represents.

The award-winning artwork was displayed in the State Museum atrium during the tax season for all to enjoy.

Mark your calendars

The 15th annual Beach Sweep/River Sweep will be held on Saturday, September 20, 2003 from 9:00 a.m. to 12:00 p.m. Last year, nearly 6,000 volunteers cleared over 59 tons of trash from South Carolina's beaches and waterways. To find out how you can help, contact Susan Ferris, coastal coordinator, at (843) 727-2078 or susan.ferris@scseagrant.org

S.C. SEA GRANT EXTENSION PROGRAM

S.C. Sea Grant Extension Program is a joint outreach program of Clemson University's Cooperative Extension Service and the S.C. Sea Grant Consortium.

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The Consortium's Board of Directors is composed of the chief executive officers of its member institutions.

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Message from the Executive Director:

Connecting science with society

Inherent in the Consortium's motto ("Science Serving South Carolina's Coast"), and one of the greatest challenges we continually face, is linking the research we support with the diverse constituencies for whom it is designed to serve. There are several factors that underscore this dilemma. First, we must ensure that our science addresses contemporary and critical issues that face the state and our citizens. Second, the language of science is, for the most part, extremely technical, and therefore is usually not directly communicable to the great majority of people. Third, methods by which scientific results can be "translated" into user-friendly information and tools have yet to be fully developed, but are essential. And finally, there is a wide gap between the relatively long period of time it takes a scientist to generate information and the short-term pressures that resource managers, community decision-makers, educators, and others have to acquire information for their use.

More and more, society is demanding that publicly funded science programs are accountable and evaluated based on results. Therefore, our ability to "connect science with society"



Rick DeVoe

must be continually enhanced. On the surface, the Sea Grant concept, by its very nature, embodies the notion that research should be relevant. Incorporated into the Sea Grant model are mechanisms for engaging constituencies in the development of our programmatic priorities, supporting the science necessary to address these priorities, and for translating and delivering science-based information back to our constituencies. Examples of how we are attempting to make these connections include (1) the Land Use-Coastal Ecosystem Study (LU-CES; www.lu-ces.org), in which we have directly engaged specialists from the South Carolina and Georgia Sea Grant extension and communications programs with the twenty-four scientists involved in the program, (2) our emerging Sea Grant education efforts, including the SouthEast Center for Ocean Sciences Education Excellence (SouthEast COSEE; www.scseagrant/se-cosee/), in which avenues for sharing research information and experiences among scientists, teachers, and students in the classroom are being developed, and (3) in general through our agency Web site (www.scseagrant.org) and magazine, *Coastal Heritage*.

Closing the scientist-to-user "gap" is critical to maximizing the economic, environmental, and social potential of the South Carolina's natural and human resource base. Our future depends on it.