

# College of Charleston Summer 2010 Study Abroad Program Charleston - Bermuda - Woods Hole, Ma.

## Program Dates:

May 11 - June 13, 2010

## Program Fee:

\$500\*

(\*subject to change and does not include tuition)



## Program Courses:

(students must enroll in two courses)

**GEOL 240 or BIOL 250:**  
**Continental Shelf  
Oceanography  
(3 credits)**

**GEOL 395 or BIOL 453:**  
**Gulf Stream  
Oceanography  
(4 credits)**

## Program Information:

The purpose of the Gulf Stream Oceanography (GUSTO) Program is to engage students in oceanographic research through classroom, laboratory and field experiences, focusing on participation on a 15 day cruise aboard a 134' steel-hulled research vessel, the SSV *Corwith Cramer*. The intensive 7 credit, 4 week program will begin with a week of classroom sessions at CofC, followed by the 15 day at-sea component during which the group travels from Charleston to Bermuda, sailing along multiple transects that cross the continental shelf and follow the Gulf Stream. Through the cruise, students will not only be tasked with sailing and navigating a tall ship, but they will collect data and sample material for conducting their independent and collaborative research while studying the dynamic Gulf Stream. After the 15 day cruise, students will fly to Woods Hole, MA on Cape Cod and spend 8 days at the Sea Education Association (SEA) laboratories, analyzing and interpreting their data while lodging in SEA's dormitory facilities. During this time, students will also attend numerous seminars by local ocean scientists, and tour the multiple research labs in the oceanographic community of Woods Hole. Participants should have completed at least two semesters and one 200 level course in either geology or biology. No sailing experience is necessary! However, students will need to be able to work in most weather conditions, help navigate the vessel, and conduct instrument deployments and recoveries.

## Program Directors:

**Dr. Leslie Sautter, Geology and Environmental Geosciences, [sautterl@cofc.edu](mailto:sautterl@cofc.edu), 843-953-5586**

**Dr. Gorka Sancho, Biology Department, [sancho@cofc.edu](mailto:sancho@cofc.edu), 843-953-9194**

**Dr. Scott Harris, Geology and Environmental Geosciences, [harriss@cofc.edu](mailto:harriss@cofc.edu), 843-953-0864**

All three faculty have extensive experience in conducting oceanographic research, and all have taught undergraduate students in at-sea experiences, including CofC's Transect Program and SEA's Sea Semester. A fourth co-instructor, Dr. Amy Siuda of SEA will share her wealth of experience with similar sailing education programs.

## To Apply:

**For information and to apply, contact [Julie Swigert](mailto:Julie Swigert), Study Abroad Coordinator, Center for International Education, [swigertj@cofc.edu](mailto:swigertj@cofc.edu), 843-953-7823.**

The program is funded in part by the SC Sea Grant Consortium. Students pay a program fee of **\$500**, which includes a non-refundable application fee of \$50 (CofC students), airfare from Bermuda to Woods Hole, MA., lodging, meals, ground transportation, and medical insurance.

**TUITION FOR THE COURSES IS NOT INCLUDED. THE COURSE IS AVAILABLE ONLY TO COFC STUDENTS.**

Application and a deposit of \$500 are due by **March 5, 2010**. **SCHOLARSHIPS OF UP TO \$1500 ARE AVAILABLE TO COFC STUDENTS FOR STUDY ABROAD. ELIGIBILITY IS BASED ON DEMONSTRATED FINANCIAL NEED AND ACADEMIC MERIT (APP. DEADLINE FEB. 26, 2010).**