Graduate Assistantships in Marine Physical, Biological and Optical Processes at the University of Southern Mississippi

The Department of Marine Science at the University of Southern Mississippi invites applicants for M.S. or Ph.D. studies in the Ocean Weather Laboratory starting August 2013. Applicants should be highly motivated, capable of working independently and with a group of students and technicians. Individuals with interests and expertise in ecosystem modeling, ocean remote sensing, and ocean measurements are particularly desirable. Projects include developing: a) remote sensing algorithms characterizing ocean biological, optical, and heat flux processes using satellite ocean color, SST and subsurface LASER profiling, b) advanced technology from ocean glider, mooring and floats for innovative collection of ocean biological, optical, physical measurements and c) methods for assimilation of ocean measurements into circulation models and ecosystem models.

Interested candidates should contact: Robert Arnone at Robert.Arnone@usm.edu and attach a resume or curriculum vitae, GRE scores (unofficial acceptable), college transcripts (unofficial acceptable), and brief statement of research interests (250 word max).

Founded in 1910, Southern Miss is a Carnegie Research University – High Research Activity, and was designated in 1981 as Mississippi’s flagship university for marine science by the Institutions of Higher Learning. The Department of Marine Science was founded in 1985 as the Center for Marine Science and in 1986 relocated to the John C. Stennis Space Center on Mississippi’s Gulf Coast. Stennis is a “federal city” that boasts the world’s largest concentration of oceanographers, housing offices for NASA, U.S. Navy, NOAA, USGS, EPA and NGI. Department faculty expertise is multidisciplinary and includes biologists, chemists, geologists, physicists and hydrographers. Learn more at http://www.usm.edu/marine.

To apply to the Dept. of Marine Science graduate program, please visit: www.usm.edu/marine/students-apply-now. Candidates must possess a B.S. in biology or a related science and a minimum GPA of 3.0. The GRE (verbal and quantitative) and TOEFL (for non-native English speakers) are required. When applying for the PhD program, candidates possessing a MS in a related discipline (marine science, fisheries, limnology, ecology, environmental science, or computer science, etc.) are preferred. DMS graduate assistants are supported with a $40,000 annual resource package, including a tuition waiver and a stipend of $1700 to $1800 per month.