

Hydrographic Sciences

The University of Southern Mississippi

The University of Southern Mississippi's Department of Marine Science at the Stennis Space Center is offering a position in hydrographic science at the tenure-track, assistant or associate professor level. Applicants should hold a Ph.D. in a hydrographic science, marine science, ocean engineering or closely related field and have demonstrated field and research experience in acoustics, acoustic and LIDAR-based hydrographic and bathymetric surveying, and precise positioning at sea, and proficiency in commercial software packages used to collect and process hydrographic data. Also desirable is the application of hydrographic technologies including acoustics and LIDAR to collaborative opportunities in marine science fields such as fisheries and biological oceanography, marine geology and physical oceanography. A nationally recognized record of publication, demonstrated successful grantsmanship, and at least five years of service at a degree-granting institution or equivalent service at a non-degree-granting institution are needed at the associate level. A successful candidate is expected to conduct an active research program and participate in the hydrographic science master's program, which is recognized at the Category-A (Cat-A) level by the International Hydrographic Organization. The latter efforts include curricula review, delivery and development of the program, and faculty experience in delivering a Cat-A hydrographic science curricula is highly desirable. The development of courses for an interdisciplinary academic program for undergraduate students is also expected. The successful candidate must demonstrate a commitment to collaborative research and teaching. The position offers opportunities to collaborate with biological, physical, geological and chemical oceanographers, and modelers, to address complex coastal problems. Information is available online about the department at www.usm.edu/marine.

The University of Southern Mississippi's Department of Marine Science is home to an interdisciplinary program of graduate and undergraduate study and research in marine environments. The department offers a Bachelor of Science, a Master of Science and Ph.D. in marine science, and a Master of Science in hydrographic science. Located at the Stennis Space Center (SSC), Southern Miss' Department of Marine Science is strategically situated at the single largest concentration of oceanographers and hydrographers in the world. Eleven on-site faculty conduct research and teach courses in biological oceanography, marine chemistry, geological oceanography, physical oceanography, remote sensing, numerical modeling and hydrography to ~50 full-time graduate students at SSC and ~30 undergraduates at the Southern Miss Gulf Park campus. Faculty also interact with research scientists at government agencies located on site including the U.S. Navy, EPA, NOAA, USGS and NASA.

Applicants should submit a letter of interest outlining their qualifications for the position, including a research plan, teaching philosophy with a curricular plan, a curriculum vitae, and names and contact information of at least four references. Applications must be submitted online at <https://jobs.usm.edu>. For inquiries about the position, contact Dr. Stephan Howden, chair of the Search Committee, at Stephan.Howden@usm.edu. Review of applications begins May 13, 2013, and continues until the position is filled, with an anticipated start date in August 2013. AA/EOE/ADA