

Ocean Engineering – Assistant Professor Positions

The University of Southern Mississippi

The University of Southern Mississippi (USM) Division of Marine Science (DMS), within the School of Ocean Science and Technology (SOST), invites applications for two tenure-track positions in ocean engineering at the assistant professor level. This newly established Ocean Engineering baccalaureate program creates an opportunity to blend engineering approaches with DMS established expertise in marine and hydrographic sciences, and to develop innovative solutions to the exploration of the oceanographic environment. These positions offer the successful candidates the possibility to contribute to the implementation and future growth of our ocean engineering program. This program is expected to combine strengths in ocean sampling technologies, technology fabrication, and coastal hydrodynamics with innovative application of ocean engineering solutions. The successful candidates should be able to leverage collaborations with SOST marine scientists and hydrographers within DMS and the Gulf Coast Research Laboratory, and computer and polymer engineers within USM's College of Science and Technology. DMS faculty also interact with research scientists of federal agencies at Stennis Space Center, such as the Naval Research Laboratory, the Naval Meteorology and Oceanography Command, and NOAA's National Data Buoy Center.

The Division of Marine Science (<http://www.usm.edu/marine>) is home to an interdisciplinary program of graduate and undergraduate study and research in marine systems. In addition to the new Ocean Engineering baccalaureate program, DMS offers Marine Science B.S., M.S., and Ph.D. degrees, and a Hydrographic Science M.S. The DMS baccalaureate programs are delivered in Long Beach, MS, from the 52-acre beachfront Gulf Park campus, in close proximity to the Port of Gulfport, which is the home port for the USM-flagged ocean research vessel Pt. Sur. A new USM port facility in Gulfport, with a state-of-the-art fabrication lab, testing tank, and laboratory space, is scheduled to open in spring 2018.

Applicants must hold a Ph.D. in civil, environmental, or ocean engineering, or a related field, and have demonstrated research experience in ocean environment studies, through application of in situ, laboratory, and/or numerical modeling methodologies. Post-doctoral experience is desirable. The successful candidates are expected to develop and deliver courses in the Ocean Engineering program, facilitate the program's successful establishment of ABET accreditation, and maintain an active research program. 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. All application materials will be accepted online at <https://jobs.usm.edu>. For inquiries about the position, contact Dr. Maarten Buijsman, chair of the search committee, at maarten.buijsman@usm.edu or 228.688.2385. Applicant review will begin February 1, 2018 and continue until the position is filled. The anticipated start date is August 2018.

AA/EOE/ADAI