



## HYDROGRAPHIC SCIENCE FACULTY POSITION

The Division of Marine Science in the School of Ocean Science and Engineering (SOSE) at The University of Southern Mississippi invites qualified applicants for a full-time, 9-month, tenure-track faculty position in Hydrographic Science at the assistant professor level to begin in Fall 2021. 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.

USM is a regionally, nationally and internationally recognized leader in marine science. The School of Ocean Science and Engineering, combined with 5 research vessels and research centers focused on hydrography, marine and coastal sciences and fisheries provides an exceptional research and education environment for our students. DMS is home to an interdisciplinary program of graduate and undergraduate study and research in marine environments. Sixteen on-site faculty conduct research and teach courses in biological oceanography, marine chemistry, geological oceanography, physical oceanography, remote sensing, numerical modeling, ocean engineering and hydrography to graduate students at SSC and undergraduates at the USM Gulf Park campus.

The Division offers Marine Science B.S. (with a CAT-B hydrographic science emphasis option), M.S. and Ph.D. degrees (including a Ph.D. with hydrography emphasis), Hydrographic Science M.S. (Cat-A) and B.S. in Ocean Engineering. With its strategic location on the site of

NASA's John C. Stennis Space Center, DMS is situated at the single largest concentration of oceanographers and hydrographers in the world. Faculty interact with research scientists at government agencies located on site and at the Joint Airborne Lidar Bathymetry Center of Excellence (JALBTCX) including the Naval Oceanographic Office, Naval Meteorology and Oceanography Command (CNMOC), Naval Research Laboratory (NRL-SSC), USACE, NOAA, USGS, and NASA.

Applicants should hold a Ph.D. in hydrographic science, marine science, geomatics engineering, ocean engineering, or closely related field. Applicants will have demonstrated field and research experience, including a publication record in acoustic based hydrographic and bathymetric surveying, precise positioning at sea, and preferably experience in bathymetric LIDAR collection and processing. Proficiency in commercial software packages used to collect and process hydrographic data is expected. Also desirable is an interest in applying hydrographic technologies to collaborative opportunities in marine science, including biological, chemical, physical, geological and fisheries oceanography.

Applications must be submitted through the [jobs.usm.edu](https://jobs.usm.edu) candidate portal (<https://usm.csod.com/ats/careersite/JobDetails.aspx?id=1707>). Review of applications begins 3/15/2021 and continues until the position is filled, with an anticipated start date of 8/2021. For questions, please contact the chair of the search committee, [stephan.howden@usm.edu](mailto:stephan.howden@usm.edu).