

Biographical Brief Robert E. Randall

Dr. Robert E. Randall received a Bachelor of Mechanical Engineering degree in 1963 from Ohio State University. After graduation, he served in the US Navy as a submarine officer from 1963 to 1967. He received an MS degree in 1969 and a PhD degree in 1972 in Ocean Engineering from the University of Rhode Island. From 1972 to 1975, he worked as civilian for the US Navy and for a private oceanographic institution, Harbor Branch Oceanographic Institute. In 1975, Dr. Randall began an academic career in Ocean Engineering at Texas A&M University in College Station, Texas and is now Professor of Ocean and Civil Engineering. In 1976, he became a registered professional engineer in the state of Texas. He has served as the Director for the Center for Dredging Studies since 1994. He teaches courses in Ocean Engineering Design, Underwater Systems and Mooring Design, Underwater Acoustics and Marine Dredging. His research has been in the areas of offshore measurements, experimental wave kinematics, dredging and dredged material placement, and has authored over 20 journal papers and over 50 conference papers. Dr. Randall is a member of the several professional engineering societies and is a Fellow in the Marine Technology Society and the Society of Naval Architects and Marine Engineers. As a member of the Western Dredging Association (WEDA), he currently serves on the WEDA Board of Directors. In 1997, Dr. Randall authored the textbook "Elements of Ocean Engineering." Dr. Randall authored the chapter "Pipeline Transport of Dredged Material" in the *Handbook of Dredging Engineering* published in 2000, the chapter "Dredging" in *Port Engineering* published in 2004, and the chapter "Dredging in the United States" in *Dredging in Coastal Waters* published in 2006. The annual Texas A&M Annual Dredging Engineering Short Course and the Cutter Suction Dredge Simulator Short Courses are directed by Dr. Randall. Dr. Randall received the "Dredger of the Year" award at the 2006 WEDA Technical Conference and the Society of Naval Architects and Marine Engineers' Webb Medal for outstanding contributions to Ocean Engineering education. He has also received three outstanding teaching awards (1991, 1996 and 2001) during his academic career. Dr. Randall's students have been successful in winning awards in the International Student Offshore Design Competitions since 2000 with a first place in 2004 and in the human powered submarine races since 1991 with a first place in 1998. Dr. Randall has served as the Ocean Engineering Undergraduate Advisor and faculty advisor to several student organizations for most of his academic career.