
Joseph Arcano, Jr. Ph.D.



Technical Director Naval Surface Warfare Center Carderock Naval Sea Systems Command

Dr. Joseph T. (Tim) Arcano, Jr., a member of the Senior Executive Service since November 2011 was appointed as the Technical Director (TD) for Naval Surface Warfare Center (NSWC) Carderock Division in May 2013. As the NSWC Carderock Division TD, Dr. Arcano leads more than 3,000 employees who provide the Navy a broad range of technical support specializing in hull, mechanical and electrical engineering.

Prior to his assignment as the NSWC Carderock Division TD, Dr. Arcano served as the director of National Oceanic and Atmospheric Administration (NOAA)'s Office of Ocean Exploration and Research (OER) from November 2011 May 2013. In this capacity, he was responsible for advising NOAA and the U.S. Department of Commerce in the field of ocean exploration, research and advanced technology development.

Prior to his assignment at NOAA, he served as Corbin A. McNeill Endowed Chair in Naval Engineering at the U.S. Naval Academy, and as Deputy Chief of nuclear safety at the U.S. Department of Energy (DOE).

Prior to his assignment at the DOE, Dr. Arcano served for 30 years of active and Reserve commissioned service in the Navy as an engineering duty officer qualified in submarines, as a salvage diving officer and as an acquisition professional. He served as Technical Director and Technical Authority (Ship Design Manager) for the VIRGINIA-Class Submarine Program, as Technical Authority for advanced submarines at Naval Sea System Command (NAVSEA) and as a program manager on technical staff at the Defense Nuclear Facilities Safety Board. For the National Science Foundation, he also served as a member of the Replacement Human Occupied Vehicle (HOV) Oversight Committee, overseeing the development of the replacement for the HOV ALVIN. He also commanded five reserve units including: a Joint Reserve Unit for the Director, Defense Research and Engineering and a Navy Reserve Unit for Director of Ocean Engineering, Supervisor of Salvage and Diving, USN. He retired as a Navy captain.

He earned a bachelor's of science degree in ocean engineering from the U. S. Naval Academy, a master's of science degree in mechanical engineering and an ocean engineer degree from the Massachusetts Institute of Technology; a master's of science degree in national resource strategy from the National Defense University Industrial College of the Armed Forces; and a Ph.D. in civil and environmental engineering from the University of Maryland. He is a graduate of

Harvard University's John F. Kennedy School of Government Senior Executive Fellows Program and a member of the Tau Beta Pi Engineering Honor Society, the Sigma Xi Scientific Research Society and the Phi Kappa Phi honor society. He is a Fellow of the American Society of Mechanical Engineers, and a licensed Professional Engineer in Maryland.

His personal awards include the Defense Superior Service Medal, Legion of Merit (two awards), Meritorious Service Medal (two awards), Navy Commendation Medal (five awards) and Department of the Navy Meritorious Civilian Service Award.