

# ENGINEER OF DISTINCTION

Tennessee Technological University

## David C. “Dave” Bond

B.S. Electrical Engineering,  
Tennessee Technological University, 1970

M.S. Electrical Engineering,  
Tennessee Technological University, 1971

**Member (Ret.), Senior Executive Service**



David C. Bond, born in McMinnville, TN, graduated from McMinnville City High School. From Tennessee Technological University, he earned a Bachelor of Science Degree in Electrical Engineering in 1970 and a Master's Degree in Electrical Engineering in 1971.

In July 1971, the US Navy employed Mr. Bond as an electronics engineer in the Electromagnetic Compatibility Branch of the Naval Surface Weapons Center (NSWC) in Dahlgren, VA. Beginning in August 1972, Mr. Bond served as test engineer and in due course managed project EMPASS (Electromagnetic Performance of Air and Ship Systems).

Over two decades Mr. Bond's career placed him at Arnold Engineering Development Center (AEDC), Arnold AFB, TN. As Test Instrumentation System project manager, his responsibilities included developing and installing the data acquisition and processing system for the Aeropropulsion Systems Test Facility. As Technical Director for Communications/Computer Systems, his role included a data processing and communications network upgrade. Mr. Bond, as Chief of the Space Systems Division, was responsible for customer interface and testing conducted in the Center's space chambers. As Chief of the Applied Technology Division he guided developing new test technologies for test disciplines, including testing of space, engine, rocket, and aerodynamic systems. In AEDC's Operations Directorate, Mr. Bond was the Technical Director, serving as the deputy to the Director of Operations. Mr. Bond also served as the Technical Area Manager with responsibility for managing and evaluating the test contractor.

His career covering much of 2000 through 2008 included an assignment at the Pentagon's Ballistic Missile Defense Organization where he was responsible for developing the test and evaluation budget. For the Air Force Materiel Command (AFMC), Mr. Bond served as the Deputy Director for Operations. At Edwards Air Force Base, Mr. Bond was the principle deputy to the Commander. As the Executive Director of the Air Force Flight Test Center, his was the senior civilian position associated with operating Edwards Air Force Base and conducting the Air Force flight test mission. Mr. Bond served in his final Air Force position as Director of Engineering and Technical Management for the AFMC. The AFMC has responsibility for research, acquisition, test and evaluation, and sustainment of the Air Force weapons systems. Mr. Bond was responsible for engineering policies and practices and functional management of over 13,000 scientist and engineers and some 80,000 employees. This functional management included recruiting, training, and caretaking of the technical workforce required to deliver and sustain weapon systems for the Air Force. Bond retired from the Air Force in 2010.

Government service awards bestowed on David Bond include a Meritorious Executive Presidential Rank Award, a Meritorious Civilian Service Award, an Outstanding Civilian Career Service Award, three General Manager Superior Performance Awards, numerous Sustained Superior Performance Awards, and an Award of Merit for Group Achievement.

Mr. Bond is married to the former Celia Bomar and they have a daughter Lauren, a son Ryan, and five grandchildren. Currently residing in Tullahoma, TN, he serves on several municipal boards, as an elder in his church, and in several local benevolent activities.