NAME: Bernard Dandridge Greeson

EDUCATION:

Ph.D., Ocean Engineering, University of Hawaii-Manoa, 1997 (4.0 GPA)
M. Eng., Ocean Engineering, Texas A&M University, 1976 (4.0 GPA)
B.S., Mathematics, U.S. Naval Academy, 1964 (With Distinction)

SIGNIFICANT CAREER ACCOMPLISHMENTS:

Served 28 years in U.S. Navy Nuclear Submarine Force. Retired from Navy in 1992 with rank of Captain (O-6).

Chief Engineer, Hawaii Undersea Research Laboratory (HURL), University of Hawaii-Manoa, 1998-2014.

Graduate Faculty, Department of Ocean and Resources Engineering, University of Hawaii-Manoa, 2000-2016.

Nuclear Engineer, Quality Assurance Branch (C2350), Nuclear Planning and Engineering Department, Pearl Harbor Naval Shipyard and Intermediate Maintenance Facility, Pearl Harbor, Hawaii, March 2016 - present.

MILITARY CAREER:

Graduate of United States Naval Academy. Personally interviewed and selected for Nuclear Propulsion Training by Admiral Hyman G. Rickover. Graduate of Submarine School, New London, CT. Completed all training with distinction.

Twenty-eight years experience in Navy Nuclear Submarine Force, twenty years assigned to nine different sea-going submarines. Sequentially commanded two Polaris missile submarines, one 637 Class attack submarine, and one Trident ballistic missile submarine. Also served as Engineer Officer, Submarine NR-1, the world's only nuclear powered deep submergence submarine.

Senior Navy Instructor and Academic Officer, NROTC Texas A&M University, 1974-1976. Instructed Freshmen and Senior students and served as advisor to the Corps of Cadets, the fourth largest military academy in the United States. Awarded a Navy Commendation Medal personally approved by the Chief of Naval Operations for my service in this billet.

Served as Fleet Operations Officer on Staff, Commander U. S. Pacific Fleet during the First Gulf War. Directed largest deployment of U.S. Navy assets in the Pacific since World War 2. Briefed members of Congress on classified submarine operations. Awarded a second Legion of Merit for this tour of duty.

CIVILIAN CAREER:

Research Submersible Operations:

Participated in all HURL at-sea submersible as Surface Director, responsible for safe launch and recovery of submersibles, and supervised Tracking Room to ensure accurate submarine navigation.

Supervised all refit maintenance on the 2000m capable "Pisces IV" and Pisces V" submersibles as Chief Engineer, closely monitoring all work accomplished to ensure the submersibles remained in classification by the American Bureau of Shipping.

Remote Operated Vehicle Operations:

Qualified and served as the Chief RCV-150 Remote Operated Vehicle Pilot. Maintained the 30 year old RCV-150 remote operated vehicle operational until decommissioning in 2012. Conducted over 450 dives for scientific objectives.

In late 2011, the University of Hawaii contracted for construction of a new 6000 meter capable ROV to be employed on both University research ships. I was selected by the Dean, School of Ocean, Earth, Science, and Technology (SOEST) to oversee all engineering aspects of project. This new system will significantly increase the oceanographic research capabilities of the University.

Closely monitored the design and construction of the new ROV. Visited the contractor's facility in Alameda, CA on two occasions to evaluate progress towards completion. Following delivery of the vehicle, served as Chief ROV Pilot during sea trials and certification dives to 4700m.

Academic Career:

Graduate Faculty, Department of Ocean Resources Engineering (ORE), University of Hawaii-Manoa, 2000-2016; advised graduate students and served on degree committees; taught ORE-612, "Dynamics of Offshore Structures," during Spring semesters. Served five years as a member of the ORE Admissions Committee.

HONORS & PROFESSIONAL/CIVIC ACTIVITIES:

Military Awards: Legion of Merit (two awards), Meritorious Service Medal (three awards), Navy Commendation Medal (two awards), Navy Unit Commendation, and various campaign ribbons. Vietnam and Cold War veteran.

Civilian Awards: Phi Kappa Phi Honor Society, 1976-present, Outstanding Graduate Student Award, Department of Ocean and Resources Engineering, University of Hawaii-Manoa, 1994-1995.

U.S. Navy Qualifications: Officer Qualified in Submarines, Qualified for Command of Submarines, Qualified Nuclear Engineer Officer, Qualified Deep Submergence Vehicle Operator. The Nuclear Engineer Officer certification is the Navy equivalent to registration as a Professional Engineer.

U.S. Coast Guard Merchant Marine Licenses: Second Mate Oceans (Unlimited Tonnage), Master Oceans 1600 GT, Chief Engineer (Unlimited Horsepower) - Steam Propulsion.

Professional Society Memberships: Sigma Xi Scientific Research Society; American Society of Civil Engineers (Life Member); Society of Naval Architects and Marine Engineers; Marine Technology Society; U. S. Naval Institute; Naval Submarine League (Life Member); Deep Submersible Pilots Association.

Civic Activities: American Legion; Military Officers Association (Life Member); United States Submarine Veterans (Life Member); U.S. Naval Academy Alumni Association (Life Member); Former Students Association, Texas A&M University; Member and Past President, Oahu Texas A&M Club; American Radio Relay League (Life Member); Past President, Honolulu Amateur Radio Club.

PUBLICATIONS:

"The Relative Motion of Two Adjacent Bodies, One Significantly Larger Than the Other, Floating in Waves, With a Non-Linear Line Connection," UMI Dissertation Services, Ann Arbor, Michigan, 1998. UMI Number 9816712.

"Supplemental Lighting for Underwater Photography: A Computer Program for Design Analysis," Texas A&M University, College of Engineering Report No. 194, TAMU-SG-76-212, September 1976 (co-authored with Robert E. Randall).