Dylan Schmorrow, Ph.D.

Captain, Medical Service Corps, US Navy

Experience

Office of the Secretary of Defense, Deputy Director, Human Performance, Training and BioSystems
October 2008 – Present

Office of the Secretary of Defense, Acting Director, Human Performance, Training and BioSystems
April 2010 – January 2011

Office of Naval Research, Executive Assistant to the Chief of Naval Research
July 2005 – October 2008

Defense Advanced Research Projects Agency, Program Manager
December 2000 – October 2005

Naval Research Laboratory, Technology Integration Chief Scientist
October 1998 – October 2001

Naval Postgraduate School, Assistant Professor
June 1996 – October 1998

USS Dwight D. Eisenhower, Flight Deck Research Officer
December 1994 – February 1995

Naval Air Warfare Center, Branch Head and Project Officer
May 1994 – June 1996

Naval Aerospace Medical Institute, Flight Student
October 1993 – April 1994

Captain Schmorrow is a U.S. Naval Officer in the Navy's Medical Service Corps and has been appointed by the Navy Surgeon General as the Specialty Leader of the Aerospace Experimental Psychologist Community. He is also an Acquisition Professional in the Naval Acquisition Corps and is currently serving in the Office of the Assistant Secretary of Defense (Research and Engineering) as the Deputy Director for Human Performance, Training and BioSystems with purview over the defense technology areas of human performance, medical, man-machine systems, training, civil engineering, environmental quality, and chemical and biological defense. Responsibilities include providing technical leadership, management oversight, policy guidance, and coordination for over $3 billion in research and engineering programs in the DoD to ensure that these areas are focused, relevant, and eminently capable of satisfying current and anticipated defense needs. He provides executive and supervisory leadership and authoritative scientific and technical advice to afford future forces the requisite knowledge, science, and technology for critical warfighting capabilities. In this role, he has established collaborations with the National Science Foundation, the National Institutes of Health, the Department of Homeland Security, the Defense Advanced Research Projects Agency, and the DoD Services to directly include government, academic and industry researchers in advancing these efforts. Additionally, he serves as the OSD Human Social, Culture, Behavior Modeling Program Manager and the Executive Secretary for the Defense Science Board Study on Autonomy. He also leads international efforts to promote and conduct cooperative scientific research and exchange of technical information through the NATO Research and Technology Organisation and is the U.S. National Representative of The Technical Cooperation Program's (TTCP) Human Resources and Performance (HUM) Group.

Education

Jenkins Postdoctoral Fellow, Applied Cognitive Research
Naval Postgraduate School – September 1998

Doctor of Philosophy, Experimental Psychology
Western Michigan University – June 1993

Doctoral Fellowship, Experimental Psychology
Georgetown University – August 1992

Master of Science, Modeling, Virtual Environments and Simulation
Naval Postgraduate School – September 1998

Master of Science, Operations Research
Naval Postgraduate School – September 1998

Master of Arts, Philosophy
Western Michigan University – June 1993

Master of Arts, Experimental Psychology
Western Michigan University – August 1990

Bachelor of Science, Economics and Psychology
Western Michigan University – June 1989

Dr. Schmorrow received a commission in the U.S. Navy in 1993, completing naval flight training in April 1994. He initially served at the Naval Air Warfare Center Aircraft Division as both a branch head of the biomedical support branch and as lead scientist on an acceleration research project officer in the crew systems department. During this time he deployed on the USS Dwight D. Eisenhower in support of "Deny Flight" and "Provide Promise" Operations in the Former Yugoslavia. He then served as both an Assistant Professor and the John G. Jenkins Postdoctoral Fellow at the Naval Postgraduate School and subsequently as the Chief Scientist for Human-Technology Integration at the Naval Research Laboratory (NRL). While at NRL he was selected as a Program Manager at DARPA responsible for creating and fostering imaginative, innovative, and high-risk research ideas yielding revolutionary technological advances in biomedical and information science and technology in support of the U.S. military. He then was the Executive Assistant to the Chief of Naval Research where he coordinated actions between the Office of Naval Research (ONR) and tenant commands, the Secretary of the Navy, and the Chief of Naval Operations, as well as intergovernmental agencies and international S&T organizations. From 1999 through 2008 he concurrently served as an ONR Program Officer leading medical and human performance S&T programs that transformed promising technologies into operational capabilities; he successfully transitioned numerous prototypes to Navy and Marine Corps acquisition programs. Since 2008 he has had DoD-wide oversight responsibilities for DoD Human Systems Technology areas of personnel selection, training, leadership, cognitive sciences, interface design, personnel protection, combat feeding, human systems integration, and human performance and also served as an Acting Director in the ASD(R&E) Research Directorate from 2010 to 2011 during senior executive transitions. He has authored over fifty scientific publications, lectured internationally in fifteen countries, and edited a dozen professional journals and books. He is a recipient of the Navy's Top Scientists and Engineers Award, as well as both the Society of U.S. Naval Flight Surgeons' Sonny Carter Memorial Award for his contributions to improve the health, safety and welfare of military operational forces and the Human Factors and Ergonomics Society's Leland S. Kollmorgen Spirit of Innovation Award for his contributions to operational neuroscience that led to the founding of the field of Augmented Cognition. His military decorations include the Defense Superior Service Medal, Legion of Merit, Meritorious Service Medal (3 awards), Navy Commendation Medal, Navy Achievement Medal, Armed Forces Service Medal, and NATO Medal.

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