James C. S. Meng, Ph.D.

Director of Special Projects,
Naval Sea Systems Command (SEA00R)

Dr. Meng is currently leading the Navy's Provider Enterprise Executive Steering Group for VCNO/ASNRDA's Data Standardization initiative across the Navy. It formalizes an overarching 3 dimensional cost management data systems.

Previously he was the Science Technology Engineering & Mathematics Executive, reporting to the Principal Civilian Deputy, Assistant Secretary of the Navy, Research Development & Acquisition. His tasks were to reestablish the Science & Engineering foundations for the Navy. Where he initiated the Navy Open Innovation practice, established an Analytic Assessment Architecture and hierarchical structure Navy wide to provide Navy leadership transparency. Additionally, Dr. Meng implemented the Navy Chief Technology Officer CONOPs across Naval Research and Technology Enterprise and Integrated Strategic Planning of Navy STEM programs, including synergy across Navy, delegation of educational grant authorities, consolidated STEM curricula and metrics.

Dr. James Meng as the Director, Warfare Systems Engineering in Naval Sea Systems Command (NAVSEA) and dual-hatted as Director, Test, Evaluation & Analysis since March 2007. He served as the Battle Force Systems Engineer and is responsible for warfare systems engineering test and evaluation across a wide spectrum of Navy and joint programs. He is the Deputy Warrant Officer of warfare systems engineering: from sensors, C4I, combat systems processing, tracking and control, joint warfare architectures and interoperability, interior communications, weapons launchers, weapons, through test & evaluation for carriers, surface combatants, littoral mine, amphibious and auxiliary ships. Dr. Meng is also the Navy's certifying authority of the Strike Force Interoperability.

Dr. James Meng served as Executive Director, Warfare Systems Engineering Directorate, NAVSEA, Washington, DC, from July 2005 – February 2007, where he held similar responsibilities in warfare systems. He also managed the Navy's directed energy and SURFTECH, and Foreign Military Sales over $3 billion.

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He previously served as the NAVSEA Warfare Centers Work Assignment Executive, Washington, DC, from April 2003 to June 2005, and was dual-hatted as the NAVSEA Warfare Centers Business Executive for the last year of that tour. In those capacities, he oversaw assignment of $6 billion annually to more than 25,000 man-years of government and contract work across eight Divisions and 11 geographic sites.

Dr. Meng served as Executive Director of the Naval Undersea Warfare Center Division, Keyport, from January 2000 to March 2003 with a workforce of 2,000 and annual TOA of $400M. From April 1995 to December 1999, Dr. Meng was both the Head of the Torpedo Systems Technology Department and the Chief Scientist of the Submarine Weapons Directorate at NUWC Division, Newport, RI. His department's mission included being the "gateway to the Fleet" for all technology insertions for submarine weapons systems, including torpedoes, unmanned undersea vehicles, mobile targets, and countermeasures. He was the Director of Thermo Hydrodynamics Technology for the Ocean Systems Division of Gould (now Northrop Grumman Naval Systems), Newport, RI.

Dr. Meng entered the Senior Executive Service in June 1998. He was selected as the Federal Manager of the Year in 2002, presented with the Meritorious Civilian Service Award in March 2000, Bronze Medal Award from the American Defense Preparedness Association in 1997, Employee of the Year- professional category from the Rhode Island Federal Executive Council in 1991, and a Naval Underwater Systems Center Significant Achievement - Secretary of the Navy Citation in 1988.

Dr. Meng was elected a Fellow of ASME in 1996 and is a member of IEEE, AIAA, and ASNE. He co-chaired the ASME Superconductivity Technical Committee from 1989-1992. He has authored more than 20 refereed journal articles in the Journal of Fluid Mechanics, the Journal of American Institute of Aeronautics and Astronauts, the Journal of Applied Optics, and the Journal of Computational Physics. He earned his bachelor's of science degree in mechanical engineering from the National Taiwan University, Taipei, Taiwan; his master's of science in engineering physics from the University of California, Berkley; and his doctorate in aeronautical engineering from the University of California, Berkley. In 1994, he received a master's of science degree in management from the Massachusetts Institute of Technology's Sloan School of Management.

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