

Stephen J. Dowling

Director of Counter WMD Technologies



Stephen J. Dowling, a member of the senior executive service (SES), is the Director for Counter Weapons of Mass Destruction (WMD) Technologies Department for the Defense Threat Reduction Agency (DTRA). Mr. Dowling oversees six divisions focused on conducting research, development, and demonstrations of innovative technologies and capabilities to actively counter the full spectrum of Chemical Biological Radioactive Nuclear Explosive (CBRNE) threats and providing subject-matter expertise directly to combatant commanders (COCOMs), Special Operations, and the Intelligence Community (IC): Combating Terrorism; Counterforce Systems; Target Assessment Technologies; Weapons and Capabilities; Special Programs; and Advanced Research.

Major accomplishments during his tenure include: 1.) Transitioning the DTRA-conceived Massive Ordnance Penetrator from DTRA development and testing to U.S. Air Force operational testing and certification on the B-2 bomber; 2.) Developing advanced weapon targeting models and target vulnerability databases which have been transferred to the IC and are now in use by the IC in direct support of COCOM targeteers; and 3.) Supporting special operations forces by overseeing the development and transition of multiple counter terrorism technology products.

Prior to becoming the Director for Counter WMD Technologies Department, Mr. Dowling led DTRA's Counterforce Systems Division, managing a portfolio of programs designed to assess and defeat WMD-related targets. While there he led an Advanced Concept Technology Demonstration program that led to the fielding of the Advanced Unitary Penetrator, a markedly new operational hard target defeat capability. Mr. Dowling came to DTRA in 2002 from the Navy's Program Executive Office for Strike Weapons and Unmanned Aviation, where he was the Deputy Program Manager for the standoff land attack missile-expanded response (SLAM-ER) cruise missile program. SLAM-ER successfully achieved full operational capability during that period.

Mr. Dowling has a Bachelor of Science in Aerospace Engineering and a Master of Science in Systems Engineering from Virginia Tech in Blacksburg, Virginia. As a graduate of the Defense Systems Management College's Program Manager's Course and Advanced Program Manager Course, he is certified as a Level III Program Manager and is a member of the Defense Acquisition Corps. He is also a graduate of the Naval Air Systems Command's Senior Executive Management Development Program.