

Dr. Stephen Huffman is senior vice president and general manager of the MITRE Corporation's Center for National Security (CNS). The CNS includes the company's National Security Engineering Center (NSEC), a federally funded research and development center (FFRDC) sponsored by the Department of Defense and the National Cybersecurity FFRDC sponsored by the National Institute of Standards and Technology. Dr. Huffman is responsible for the direction of MITRE research, development, and system acquisition support of advanced intelligence and information systems.

Concurrent with his CNS responsibilities, Dr. Huffman also serves as director of the NSEC. In this role, he directs integration activities and is the primary interface with the Deputy Assistant Secretary of Defense for Systems Engineering, who oversees the NSEC. From 2013-2014, Dr. Huffman oversaw MITRE's Joint and Service Programs portfolio, aligning MITRE's work program with defense and intelligence priorities.

From 2006 to 2013, Dr. Huffman served as MITRE vice president and chief technology officer (CTO). As CTO, Dr. Huffman directed our research and development program. MITRE's research program explores emerging and enabling technologies and their application to critical national problems. Dr. Huffman developed MITRE's corporate strategic technology plan and worked to ensure corporate-wide collaboration in the execution of the program.

Dr. Huffman joined MITRE in 1988 and has held a variety of positions in support of the corporation's work for the DoD. He served as vice president of MITRE's Washington Command, Control, and Communications Center (WC3) within the NSEC. He oversaw technical activities for a 1,200-person organization and more than 150 DoD projects. He also served as chief engineer of our Enterprise Systems Engineering Office, which is focused on ensuring integration and solving complex technical and operational challenges across the DoD.

He was previously the chief engineer of WC3, where he oversaw of technical program quality, technical skill centers, and laboratory facilities. He also served as technical director of MITRE's Center for Innovative Computing and Informatics, associate technical director of the Navy Systems and Technology Division, and director of the company's Signal Processing Technical Center.

Dr. Huffman is an expert in communications theory, error-correction coding, communications networking, Internet protocols, satellite communications, anti-jam and low-probability-of-intercept communications, spread spectrum, digital signal processing, detection and estimation theory, modeling and simulation, large-scale software development processes, and the design and analysis of hardware and software systems.

He received his bachelor's, master's, and doctoral degrees in electrical engineering from Duke University and is a graduate of the General Management Program at Harvard Business School. He is a member of the IEEE and has published numerous papers. He is Vice Chairman of the IEEE Military Communications Conference (MILCOM) Board. He is also a founding member and past chairman of the IEEE Computer Society Industry Advisory Board, a member of AFCEA's Executive Committee, and a member of the Duke University Electrical and Computer Engineering Advisory Board.