



## Biography

Barbara Mueller is the Department Manager for the Systems Security Engineering (SSE)/Risk/Systems Tools Department within Raytheon Missile Systems in Tucson, Arizona since 2017. Raytheon Company (NYSE: RTN), with 2017 sales of \$25 billion and 64,000 employees, is a technology and innovation leader specializing in defense, civil government and cybersecurity solutions. Raytheon is headquartered in Waltham, Massachusetts.

Ms. Mueller currently leads a department with nearly 100 SSEs, shaping strategy and ensuring program execution across the business unit. Prior to her current role, she ensured program technical execution to meet customer expectations and milestones throughout the program lifecycle as a SSE Subject Matter Expert and Section Head. This included proposal development, customer engagement, architecture reviews, requirements development, integration and test support, and qualification. Ms. Mueller has been the SSE technical lead of several families of programs and was responsible for the SSE technical data packages. Ms. Mueller has been a Failure Investigation Team lead across multiple programs and technologies. She also has experience in Information Assurance (now Cyber), Network Centric Ops, and Communications systems.

Prior to joining Raytheon in 2005, Ms. Mueller worked at The Boeing Company as a systems engineer on the Apache Longbow (AH-64D) specializing in Network Centric Operations and Communications Systems. Her responsibilities ranged from subsystem requirements development, lab integration/test, and flight test support.

Ms. Mueller holds two professional cyber certifications: Certified Information System Security Professional (CISSP) and GIAC Security Leadership Certificate (GSLC). Ms. Mueller has presented several times at the Raytheon Anti-Tamper Conference (2010, 2011, 2013) and has been a guest instructor for the AT Learning Program (AT CyberPro), a Raytheon training initiative. In addition, Ms. Mueller was recognized with of the Raytheon Missile Systems Technical Honors twice: Sr. Systems Engineer II with Honors (2011) and Principal Systems Engineer with Honors (2015).

Ms. Mueller holds a Master's in Systems Engineering through the Johns Hopkins University and a Bachelor's degree in Electrical Engineering from the University of Arizona. She has also completed graduate coursework in technical management from Embry Riddle Aeronautical University.