PHILOMENA (PHIL) ZIMMERMAN

Research Scientist

BIO: Ms. Philomena (Phil) Zimmerman serves part time, as a research scientist with Stevens Institute of Technology, as part of the Systems Engineering Research Center (SERC). She continues working in similar areas as she did before she retired in 2022, after nearly 40 years of supporting the Department of Defense. Her OSD effort was largely focused on the leadership of Digital Engineering, including development of the Digital Engineering Strategy. She specializes in modeling, simulation, and use of model-based techniques to support the full range of system engineering and capability delivery functions. Her background includes program management, virtual testing, and technology adoption support to US Navy, US Army, and US Air Force, as well as the Office of Secretary of Defense. She has received numerous awards and citations, including the National Defense Industrial Association's Ferguson award for Systems Engineering Excellence.

She is a member of International Council of Systems Engineers, National Defense Industrial Association, and American Institute of Aeronautics and Astronautics. She consults in digital transformation of program and technical processes and applications, including systems engineering and acquisition practice, and curriculum enhancement to speed digital transition.

In her free time, Phil enjoys supporting local charity groups, traveling with her husband, vegetable gardening, cooking, and artisanal crafting.