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Stephanie Tolbert is a Senior National Security Analyst and Assistant Supervisor in the National Security Analysis Department at the Johns Hopkins University Applied Physics Laboratory (APL). As an analyst, her work focuses on assessing the impact of new technologies, policy, and operational concepts. In this capacity, she has led and contributed to studies on a variety of topics including new applications of polymers and nanomaterials, sensors, health and biosecurity, geospatial analysis, innovative logistics concepts, additive manufacturing, AI/ML, and autonomy, among others. Her research interests include new technology development, logistics, geospatial analysis, and national health.

Prior to joining APL, Dr. Tolbert was a pre-doctoral fellow and graduate student in the Department of Chemistry and Biochemistry at the University of Arizona where she earned a Ph.D. in Chemistry. Her graduate thesis work was on the development, optimization, and evaluation of new sunscreen ingredients as a means to decrease levels of photo-degradation, toxicity, and photo-allergies via isolation from skin. She also obtained a B.S. in Chemistry from the Georgia Institute of Technology.