

Danielle C. Tarraf is a control theorist by training and an information scientist at the RAND Corporation. Her work for multiple DoD and DHS sponsors has two primary themes: (i) Modeling and analysis of strategic interactions to inform decision making under uncertainty, and (ii) Information based defense technologies, including autonomy, C2 and ISR systems, communication networks, PNT, and cyber and electronic warfare. She also has an interest in markets and market mechanisms, deterrence, and foreign policy. Dr. Tarraf's work at RAND is informed by her academic research interest in control theory, particularly as it interfaces with theoretical computer science, game theory, optimization, and machine learning

Prior to joining RAND, Dr. Tarraf was a faculty member in the Department of Electrical & Computer Engineering at Johns Hopkins University and held visiting appointments at the MIT Institute for Data, Systems and Society and the Institute for Systems Research at the University of Maryland, College Park. She has also been a summer/visiting faculty fellow at the Air Force Research Lab.

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