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Ericka Rovira, Ph. D. is an Associate Professor in the Engineering Psychology Program, Department of Behavioral Sciences and Leadership, United States Military Academy, West Point, NY. Dr. Rovira received a B.S. in Engineering Psychology and Biomedical Engineering from Tufts University, Medford, MA (2000) and a Ph. D. in Applied Experimental Psychology from The Catholic University of America, Washington, DC (2006), under the direction of Dr. Raja Parasuraman. Her current research interest lies in human automation interaction in complex domains. Specifically, her expertise lies in designing information and decision support tools taking into account the cognitive capabilities and limitations of human operators in complex environments. Ericka's recent research interests have led her to explore if genetics can predict operational performance including land navigation with our cadets at Camp Buckner. Given that genetics has been found to predict individual performance for basic cognitive functions in a controlled laboratory environment, Dr. Rovira's goal is to determine if genetics may also relate to performance in a dynamic operational environment such as the one that military personnel encounter. In the last six years, Dr. Rovira has taught hundreds of cadets across all four class years. She routinely includes cadets in collaborative research projects with Army Research Lab, Naval Research Lab, Mitre, NASA Langley, NASA Johnson Space Center, and L3, formerly Titan Corporation. Recent projects have included evaluating TiGR (Tactical Ground Reporting Tool for Patrol Leaders), DCGS-A (Distributed Common Ground System - Army) and supporting efforts for COBRA (Collaborated Battlespace Reasoning Awareness) and Tailored Arrivals in Future Air Traffic Management. Dr. Rovira is the OIC for West Point's Chapter of the National Society of Black Engineers. Under her guidance the club hosts an annual Engineering Expo inviting middle school children from the Bronx to West Point for hands on engineering experience ranging from robotics to electrical engineering. Lastly, Ericka is the Co-Director of the Excel Scholars Program. The Excel Scholars Program is an Academy level program that seeks to increase the number of historically underrepresented cadets that excel at the Academy in all three pillars, and compete and win post-graduate fellowships.