

Nancy Cooke - Bio

Nancy Cooke is a professor of Applied Psychology at Arizona State University at the Polytechnic Campus and is Science Director of the Cognitive Engineering Research Institute (CERI) in Mesa, AZ. She is also Editor-in-Chief of *Human Factors*. Dr. Cooke received a B.A. in psychology from George Mason University in 1981 and received her M.A. and Ph.D. in cognitive psychology from New Mexico State University in 1983 and 1987, respectively. Her research interests include the study of individual and team cognition and its application to the development of cognitive and knowledge engineering methodologies, human-computer interfaces, homeland security systems, remotely operated vehicles, and emergency response systems. In particular, Dr. Cooke specializes in the development, application, and evaluation of methodologies to elicit and assess individual and team cognition. Her most recent work includes empirical and modeling efforts to understand the acquisition and retention of team skill and the measurement of team coordination and team situation awareness especially through the analysis of communication. This work is funded primarily by the Air Force Office of Scientific Research, the Air Force Research Laboratory, and the Office of Naval Research. Dr. Cooke has co-edited *Human Factors of Remotely Operated Vehicles*, published by Elsevier and has co-authored a book with Frank Durso titled *Human-Technology Failures and Their Cognitive Engineering Solutions*, to be published by Taylor and Francis.