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Dr. Glenn O. Allgood is a Distinguished Researcher in the Modeling and Simulation Group of the Computational Sciences and Engineering Division at Oak Ridge National Laboratory. He has over 32 years experience in technology application and R&D that covers private industry, the U.S. military, academia, and U.S. Government. He has over 130 articles, papers and publications in areas such as training systems designs and their impact on human use and skills arbitration, design and development of decision support systems, human cognition applied to intelligent systems design, modeling and simulation, human factors, advance control, wireless network systems, and complex systems behavior applied to mission roles and effectiveness. Dr. Allgood has several patents and invention disclosures. His current research interests are economic complexity, anticipatory theory applied to distributed decision processes, and the study of complex systems and their emergent behaviors.

Current and recently completed projects include investigating and developing a combat identification system-of-system application tool, developing a textile marker system for the Department of Commerce, developing a physical protection system based on anticipatory theory for the Department of Energy, and conducting an operational test for the Department of Homeland Security for air cargo inspection.

Dr. Allgood has held positions as an Adjunct Professor at the University of Tennessee in the Mechanical, Aerospace and Engineering Science Department and as a member of the Editorial Advisory Board for Sensors Magazine. He is a senior member in the IEEE Control Systems and Machine Intelligence and Pattern Recognition and Computer Societies, and the ISA Automatic Control System and Analytic Instrumentation Group. He is a registered professional engineer in the state of Tennessee.

He also is actively involved in the community as a judge in the Appalachian Science and Engineering Fair, Vols4STEM, and supports other activities such as Casting For Recovery.

Dr. Allgood served in the military from 1967-1973.