



U.S. Army Dugway Proving Ground

Dugway, Utah



U.S. ARMY

Christopher Olson, Ph.D.

Technical Director, Dugway Proving Ground

Dugway, Utah

Dr. Chris Olson serves as the Technical Director and Deputy to the Commander for the U.S. Army Test and Evaluation Command (ATEC), at Dugway Proving Ground (DPG). He is responsible for the total mission of the test and evaluation facilities at Dugway by providing direction, guidance, oversight, and supervision for all activities of the command. Dr. Olson directs the development of long-range, strategic resource plans, ensures technical expertise in DPG's mission, and sets standards for leadership and management.



Prior to being the Technical Director, he was the Chief of the Chemical Test Division at DPG. He provided overall program management, direction, guidance, and supervision for scientific and technological activities associated with chemical defense testing and test programs in laboratory, chamber, and field environments. Much of that role involved formulating policies, developing technical and management plans, establishing general strategies consistent with the organizational vision and mission, and making decisions relative to the laboratory, field chemical operations instrumentation, range operations, data measurements, data analysis, safety, surety, and environmental compliance.

Dr. Olson served as the Chief Engineer for the Deputy Assistant Secretary of Defense for Chemical and Biological Defense (DASD/CBD) in a developmental capacity responsible for the oversight of the non-medical Chemical and Biological Defense Program (CBDP) including a total annual budget of \$1.8B. This role included the development of the Program Objective Memorandum for the CBDP, oversight for Joint Program Executive Office for Chemical, Biological, Radiological, and Nuclear Defense (JPEO-CBRND) programs, and the integration of the CBDP components: Joint Requirements Office, Joint Science and Technology Office, JPEO-CBRND, and the Deputy Under Secretary of the Army for Test and Evaluation. He served as the Department of Defense representative and co-chair for the National Science and Technology Council Committee on Homeland and National Security Subcommittee on Standards with the Department of Homeland Security.

Dr. Olson is the author and coauthor of many publications including: Pyrolysis Process Kinetics of Phosphate Rock in a Rotary Kiln, Development of Environmentally Benign and Biodegradable Crude Oil Simulant I - Evaluation of Potential Simulant Base-Stock Fluids, and Development of Environmentally Benign and Biodegradable Crude Oil Simulant II - Modification of Base-Stock Properties via Additives.

Dr. Olson has a Ph.D., in Chemical and Fuels Engineering from the University of Utah and B.S. in Chemistry from Southern Utah University.

Dr. Olson also holds a patent for Non-Emulsion Based Simulant Fluid.