



ARMY RAPID CAPABILITIES AND CRITICAL TECHNOLOGIES OFFICE

Mr. Adam Aberle

Senior Advisor for Directed Energy

Director, Directed Energy Project Office

Mr. Adam Aberle was appointed into the Army's Executive Service on 02 July 2023 as the Army's Senior Advisor for Directed Energy. As the Senior Advisor for Directed Energy Mr. Aberle provides professional and executive oversight to ensure synchronization and adequate involvement in the development and prototyping of directed energy weapon systems and the Army's Directed Energy enterprise. He is responsible for ensuring that coordination and communication is achieved across the Army's science and technology and prototyping efforts in the directed energy domain. Previously, Mr. Aberle served as the Director, Directed Energy Directorate at the US Army Space and Missile Defense Technical Center and was responsible for directed energy science and technology research in the Technical Center coordinating research efforts with AFC, ASA(ALT), ARL, and the RCCTO. Prior to becoming the Director for Directed Energy, Mr. Aberle was the High Energy Laser Division Chief in the SMDC Technical Center and served the technical director for the High Energy Laser Mobile Test Truck and the Robust Electric Laser Initiative at the SMDC Technical Center.



Mr. Aberle began his career as an Army civil servant in 1991 at the Missile Research, Development, and Engineering Center as an electronic engineer co-op in the Optics and Laser Technology Branch managing the Masked Target Acquisition science and technology program developing laser technology to detect difficult targets using a laser radar and light detection and ranging sensor systems. In 2000 Mr. Aberle transferred to the Space and Missile Defense Command Technical Center where he was responsible for passive infrared science and technology efforts to combined real-time processing, custom algorithms and commercially available hardware into a single integrated package for a satellite experiment effort to validate Army space requirements. In addition, he developed multiple concepts for observing targets in space using laser system and developed procedures to investigate advanced laser amplifier concepts and designs with the goal to increase laser power while maintaining beam quality and frequency stability. Mr. Aberle also served in the Alabama National Guard as a Signal Officer from 1995 to 2007 achieving the rank of Major prior to transferring to the Inactive Ready Reserves in 2007.

Mr. Aberle has a Bachelor of Science in Electrical Engineering (1995) and Bachelor of Science in Engineering Physics (1995) from South Dakota State University. His training includes the Civilian Supervisor course, Civilian Personnel Management course, Defense Acquisition University Leadership Communications Workshop and Leadership Assessment Program, Georgia Tech Infrared Technology short course, University of Rochester Institute of Optics short course on Laser and Optics, and the National Defense Institute Joint Command Control Communication Information Staff and Operations course. Mr. Aberle has been a member of the Army Acquisition Corps since 2003 and is currently certified in three career fields: Level III in Science and Technology Management, Level III in Engineering and Level I in Program Management and is currently certified as a practitioner in Engineering and Technical Management. Mr. Aberle serves on the Board of Directors for the Directed Energy Professional Society.

His awards include the 2022 NDIA Excellence in Leadership Award, Achievement Award for Civilian Service, Army meritorious service medal, Army commendation medal, Four Army achievement medals, three Alabama commendation medals and two Alabama humanitarian service medals.

Mr. Aberle is a native of Sioux Falls, SD and is married to the former Theresa M. Swanson of Brandon, SD. They have three children; Austin (Anna), Alexander, and Aaron (Kacie) and two grandchildren Emmett and Julia.