



Biography

Department of the Army



Dr. Philip Perconti
Director (A), US Army Research Laboratory
Adelphi, Maryland



Dr. Philip Perconti is a member of the Senior Executive Service and serves as the Acting Director of the U.S. Army Research Laboratory (ARL), the Army's premier laboratory for basic and applied research and analysis. ARL conducts research and analysis in weapons and materials, sensors and electron devices, computational and information sciences, human research and engineering, vehicle technology, and survivability and lethality analysis. ARL's Army Research Office executes the Army extramural basic research program in scientific and engineering disciplines. The Laboratory consists of approximately 2,000 civilian and military employees with an annual budget of over \$1 billion.

Prior to this, Dr. Perconti served as the Director of the Sensors & Electron Devices Directorate of the ARL. He was responsible for leading and transitioning the Army's primary basic and applied research programs in sensors, electronics, sensor information processing, and power and energy technologies. In addition, he led ARL's S&T campaign for Materials Research. His duties included operation of unique electronics and photonics materials fabrication and characterization facilities that enable world-class, Army-relevant, component research and development. He was also responsible for planning, executing and balancing mission and customer program needs to ensure science and technology dominance for the Army.

CAREER CHRONOLOGY:

- Feb 2013 – Apr 2016, Director, Sensors and Electron Devices Directorate, US Army Research Laboratory
- Jan 2000 – Jan 2013, Director, Science and Technology Division, US Army CERDEC Night Vision and Electronic Sensors Directorate (NVESD)
- Apr 1996 – Jan 2000, Director, Electronics & Photonics Technology Office, National Institute of Standards & Technology (NIST)
- May 1990 – Apr 1996, Branch Chief, Imaging Technology, US Army CERDEC Night Vision and Electronic Sensors Directorate (NVESD)

COLLEGE:

- D.Sc., Electrical & Computer Engineering, The George Washington University
- M.S., Electrical & Computer Engineering, Johns Hopkins University
- B.S., Electrical & Computer Engineering, George Mason University

AWARDS AND HONORS:

- Fellow of the Military Sensing Symposium (MSS)
- U.S. Army Achievement Medal for Civilian Service
- HKN- Electrical Engineering Honor Society

PROFESSIONAL MEMBERSHIPS AND ASSOCIATIONS:

- Steering Group – OSD Community of Interest for Advanced Electronics
- Chairman, Military Sensing Symposium, Passive Sensors Committee
- The Technical Cooperative Program Sensors- Multi-Sensor Integration Panel
- Institute of Electrical and Electronics Engineers

MAJOR PUBLICATIONS:

- Dr. Perconti has published extensively on many aspects of military sensing and countermine/counter IED technology. He has authored and co-authored over 50 publications, including three book chapters. He holds two patents.