

MARK C. ANDERSON

Position and responsibilities

Dr. Mark C. Anderson is the Assistant Deputy Administrator for Research, Development, Test, and Evaluation (NA-11) in Defense Programs (NA-10) at the National Nuclear Security Administration in Washington, DC. Dr. Anderson leads the element of Defense Programs responsible for providing the capabilities and knowledgeable staff to design, assess, qualify, and certify the nation's nuclear stockpile, as well as developing and maturing component and manufacturing technologies for the future stockpile. Relevant capabilities include a variety of world class experimental and computational assets located at the three national laboratories and the Nevada National Security Site. His responsibilities also include coordinating academic programs to provide the technical staff of the future.



Career overview and accomplishments

Dr. Anderson has had a distinguished career in support of national defense. Prior to his current position, he was Director of the Office of Advanced Simulation and Computing and Institutional Research and Development programs in Defense Programs at the National Nuclear Security Administration. Before entering Federal service, Dr. Anderson spent twenty-three years in private industry in a variety of leadership and technical positions for contractors providing support for the Navy, Air Force, Army, Defense Threat Reduction Agency, and Department of Energy. The next seventeen years of his career prior to joining government service were with Los Alamos National Laboratory.

Career Chronology

06/1977-06/1987, Head Structural Analysis Group, Hughes Aircraft Company
07/1987-12/1993, Chief Project Engineer, Wyle Laboratories
12/1993-07/2000, Head Engineering Mechanics Department, ACTA Inc.
07/2000-09/2002, Staff Member, Los Alamos National Laboratory
09/2002-07/2005, Deputy Group Leader, Los Alamos National Laboratory
07/2005-06/2008, Project Leader, Los Alamos National Laboratory
06/2008-03/2011, Program Manager, Los Alamos National Laboratory
03/2011-03/2012, Technical Advisor, Los Alamos National Laboratory
03/2012-01/2014, Program Manager, Los Alamos National Laboratory
01/2014-03/2015, Executive Advisor, Los Alamos National Laboratory
03/2015-07/2017, Deputy Program Director, Los Alamos National Laboratory
07/2017-03/2020, Office Director, National Nuclear Security Administration

03/2020-Present, Assistant Deputy Administrator, National Nuclear Security Administration

Education

1977, Bachelor of Science, Mechanical Engineering, Christian Brothers College, Memphis, TN
1979, Master of Science, Mechanical Engineering, California Institute of Technology, Pasadena, CA
1986, Doctor of Philosophy, Applied Mechanics, California Institute of Technology, Pasadena, CA

Certifications

Graduate of the Theoretical Institute for Thermonuclear and Nuclear Studies program in nuclear weapons design

Major Awards

Secretary's Appreciation Award for the Artificial Intelligence Technology Office
Howard Hughes Doctoral Fellowship

Hobbies and Interests

Reading
Travel
Sports
Performing arts