



B I O G R A P H Y

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Dr. James Peery is Vice President for Defense Systems and Assessments (DS&A) at Sandia National Laboratories (SNL) in Albuquerque, New Mexico. DS&A is responsible for developing and integrating advanced science and technology into state-of-the-art systems for the National Nuclear Security Administration, the Department of Defense, and other national security agencies. Areas of focus include nuclear weapons electronics; integrated military systems; information operations; proliferation assessments; remote sensing and verification; space missions; surveillance and reconnaissance; and science and technology products.

From April 2010 to March 2015, James was the Director of the Information Systems Analysis Center at SNL. In this role, he was responsible for development and application of new information technologies that enable information superiority for national security and critical infrastructure protection customers. Prior to this assignment, James was the Director of the Computation, Computers, Information and Mathematics (CCIM) Center starting in 2007. CCIM is the foundation of SNL's research and development activities in high performance computing. CCIM contains the Computer Science Research Institute (CSRI), the joint Institute for Advanced Architectures and Algorithms (IAA) with ORNL and the Alliance for Computing at Extreme Scales (ACES) with LANL. During this period, James was the Program Director of the NNSA's Advanced Simulation and Computing Program (ASC).

Before returning to Sandia, James worked at Los Alamos National Laboratory (LANL) from 2002 to 2007 in the positions of Hydrodynamic Experiments Division Leader, Principal Deputy Associate Director of the LANL's Nuclear Weapons program and Program Director of the NNSA's Advanced Simulation and Computing Program (ASC).

Early in his career, James worked at Sandia National Laboratories where he led the Computational Solid Mechanics and Structural Dynamics Department and the Computational Physics Department. James has been responsible for the development of state-of-the-art, massively parallel computational tools spanning the fields of high energy density physics to structural dynamics. James' major research areas are in Arbitrary Lagrangian-Eulerian (ALE) algorithms and parallel algorithms where he has published greater than 50 papers. As part of the SALINAS team, James was awarded the 2002 Gordon Bell Award. James earned his Ph.D. degree in nuclear engineering from Texas A&M University and joined Sandia National Laboratories as a Senior Member of the Technical Staff in 1990.

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