



Biography

Dr. Paul Hommert
Vice President
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Dr. Hommert is currently Vice President of Sandia's California Laboratory, located in Livermore, CA. Principal programs of the division include; nuclear weapons stewardship, homeland security with a focus on WMD defense, including bio terrorism, combustion, hydrogen energy research, biofuels, cyber security and information systems.

He also leads the laboratory's Homeland Security & Defense Strategic Management Unit, which is focused on development of Sandia's programs with the Department of Homeland Security.

From November 2003 to August 2006, Dr. Hommert was the Leader of the Applied Physics Division at Los Alamos National Laboratories. The Applied Physics Division (known within the weapons community as X division) is responsible for the nuclear weapon design competency at Los Alamos.

Before coming to Los Alamos, Dr. Hommert was the Director of the Systems Analysis Center in the Defense Systems and Assessments organization at Sandia National Laboratories. In this capacity Dr. Hommert was responsible for strategic planning and business development for Sandia's non-nuclear work in support of the DoD.

From January 2000 until March 2003, Dr. Hommert was Director of Research and Applied Science at the Atomic Weapon Establishment in the United Kingdom. In this capacity Dr. Hommert led the nuclear weapon stewardship effort in the United Kingdom. His organization had responsibility for nuclear weapon design, large scale experimental operations in hydrodynamics, high energy density physics, material and engineering science in support of the weapons program. His organization also included computational science and the procurement and operation of computational capabilities for the UK's nuclear weapon program.

From April 1995 until December 1999, Dr. Hommert was Director of Engineering Sciences at Sandia National Laboratories. In this capacity, he led the engineering research efforts at Sandia and the organization that provided engineering analysis for the full range of Sandia's programs. In this role, he was also responsible for establishing Sandia's program in engineering simulation development as part of the Defense Programs strategic computing initiative.

Earlier in his Sandia career, he was involved in a wide range of programs supporting energy research. Activities here included research in geophysics, oil shale, underground coal gasification, geothermal, and the strategic petroleum reserve. He is the author of numerous technical papers in the area of fossil energy recovery and radiation transport.

Dr Hommert earned a B.S.M.E. from Rensselaer Polytechnic Institute, an M.S.M.E. and Ph.D. from Purdue University. In 2003, he received an outstanding alumnus award for professional excellence from the School of Mechanical Engineering at Purdue.