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B I O G R A P H Y

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J. Stephen (Steve) Rottler is the Deputy Laboratories Director and Executive Vice President for National Security Programs at Sandia National Laboratories. In this role, he leads the Laboratories' Nuclear Weapons Program and is responsible for other national security-related functions.

Previously, Rottler was the Vice President of Sandia's California site and led the Laboratories' Energy and Climate Program. Rottler has held a number of leadership roles in his career at Sandia, including Chief Technology Officer and Vice President of Science and Technology. In this role, he also managed technology transfer and strategic research relationships with universities, industry, and the State of New Mexico. Within Sandia's nuclear weapons mission, he was Chief Engineer and Vice President of Weapons Engineering and Product Realization, leading all Sandia nuclear weapons engineering and production activities and serving as the releasing authority for all Sandia nuclear weapons products. In other leadership roles, Rottler was responsible for nuclear weapons system engineering and integration, development of unique, high performance electronic systems for national security applications, and system analyses and assessments for Sandia and National Nuclear Security Administration senior leadership. He also managed organizations and programs responsible for the research, development, and application of advanced computational and experimental techniques in the engineering sciences. As a member of the technical staff at Sandia, Rottler was part of a research team that developed multidimensional radiation-hydrodynamics computational simulation codes, and he led projects that supported the development of advanced nuclear and conventional weapons concepts.

Rottler is a Fellow of the American Association for the Advancement of Science. He is also a Fellow of the American Institute of Aeronautics and Astronautics, a member and future-chair of the Institute's Ethics Committee, a former member of the Institute's Board of Directors, and a past chair of the Institute's Technical Committee on Management. He is a recipient of the Department of the Air Force Award for Exemplary Civilian Service. He is currently serving or has served on the Board of Directors for the United Kingdom Atomic Weapons Establishment, the New Mexico Humanities Council, the Albuquerque Explora Museum, and Technology Ventures Corporation. Rottler has also led and served as a member of advisory boards and independent review panels for government agencies, other national laboratories, and universities, and is currently a member of the advisory boards for the Texas A&M Engineering Experiment Station and the System Engineering Research Center at Stevens Institute of Technology.

Rottler received his B.S., M.S., and Ph.D. degrees in nuclear engineering from Texas A&M University in 1980, 1982, and 1984, respectively.

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