

Biography:

CHARLES J. HOLLAND is the Deputy Under Secretary of Defense (Science and Technology). In this capacity, he provides leadership to the entire spectrum of the \$10B+ annual Defense Science and Technology portfolio executed through the three Services and Defense Agencies. In addition, he oversees the DoD High Performance Computing Modernization Program, the Defense Modeling and Simulation Office and the Software Engineering Institute, which provide corporate Department of Defense capabilities. His office is also responsible for validating the Technology Readiness Assessment of all major DoD programs requiring Defense Acquisition Board decisions. He is the U.S. Principal to The Technical Cooperation Program, a cooperative defense science and technology activity with representatives from Australia, Canada, New Zealand, United Kingdom and the United States.

Over the past two decades, Dr. Holland has played a key role in the Federal high performance computing R&D, dating back to the 1987 OSTP report *A Research and Development Strategy for High Performance Computing*. Recently, he served as co-lead for the *Report on High Performance Computing for the National Security Community* (July 2002) and led the development of the white paper *DoD Research and Development Agenda for High Productivity Computing Systems* (June 2001), which served as the roadmap for the current DARPA program in high-end computing. Also, he has been actively involved with the DoD High Performance Computing Modernization Program. Since its inception in 1992, he has served on the program's advisory panel and twice served as the Program Director.

Dr. Holland began his career in academia with appointments at Purdue University and as a Visiting Member at the Courant Institute of Mathematical Sciences at New York University.