

Dr. James S. Murday received a B.S. in Physics from Case Institute of Technology in 1964, and a Ph.D. in Solid State Physics from Cornell in 1970. Prior to joining the University of Southern California's Research Advancement Office in Washington DC as Director of Physical Sciences in fall 2006, he was at the Naval Research Laboratory (NRL) where he served as bench scientist from 1970 - 1974, led the Surface Chemistry effort from 1975-1987, and was Superintendent of the Chemistry Division from 1988 to 2006 when he retired from Federal service. Additional responsibilities include: May to August 1997 he served as Acting Director of Research for the Department of Defense, Research and Engineering; from January 2003 to July 2004, he served as Chief Scientist, Office of Naval Research; from January 2001 to April 2003 he served as Director, National Nanotechnology Coordination Office; and from January 2001 to November 2006 he served as Executive Secretary to the U.S. National Science and Technology Council's Subcommittee on Nanometer Science Engineering and Technology (NSET).

He is a member of the American Physical Society, the American Chemical Society and the Materials Research Society; and is a fellow of the AVS-the Science and Technology Society, and the United Kingdom's Institute of Physics. For the AVS, he has served as trustee for 1981-1984, director for 1986-1988, representative to the American Institute of Physics Governing Board 1986-1992, president for 1991-93, and representative to the Federation of Materials Societies 1998-2003.

His research interest in nanoscience began in 1983 as an Office of Naval Research program officer and continued through the NRL Nanoscience Institute. He has organized numerous International STM/NANO conferences and their proceedings. Under his direction, both the AVS and the International Union for Vacuum Science, Technology and Applications created a Nanometer Science/Technology Division.