

## **Jay Davis**

Dr. Jay Davis is National Security Fellow at the Center for Global Security Research at Lawrence Livermore National Laboratory. For the three years prior to rejoining Livermore in July of 2001, he served as the founding Director of the Defense Threat Reduction Agency of the United States Department of Defense, an agency created to integrate and focus Department of Defense capabilities addressing the threat posed by weapons of mass destruction. For his contributions to national security during his tenure at DTRA, he was twice awarded the Distinguished Public Service Medal, DoD's highest civilian award.

Prior to joining DTRA, Dr. Davis had a wide-ranging career at Livermore beginning in the early 1970s as a research scientist and an engineering manager and including major contributions as an experimental physicist and, most recently, as the associate director for the Earth and Environmental Sciences Directorate.

Dr. Davis has numerous publications on research in nuclear physics, nuclear instrumentation, plasma physics, accelerator design and technology, nuclear analytical techniques and analytical methods, and treaty verification technologies. He holds patents on spectrometer technologies and methods for low-level dosimetry of carcinogens and mutagens, and for the study of metabolic processes. He is a Fellow of the American Physical Society and has been a scientific advisor to the UN Secretariat and several US agencies and has served on advisory committees for the Lawrence Berkeley National Laboratory, the Australian Nuclear Science and Technology Organization, and the Institute for Nuclear and Geologic Sciences of New Zealand. Dr. Davis participated in two UN inspections of Iraq in the summer of 1991, and was selected as the only non-UN member of the team that briefed the UN Security Council after the confrontation at Fallujah on June 28, 1991, and which produced the conclusive evidence of Iraqi evasion of the inspection process and violation of the Non-Proliferation Treaty.

Dr. Davis received his B.A. in Physics from the University of Texas in 1963, his M.A. in Physics from the University of Texas in 1964, and his Ph.D. in Physics from the University of Wisconsin in 1969. From 1969 to 1971, he was an Atomic Energy Commission Postdoctoral Fellow in nuclear physics at the University of Wisconsin.