

Dr. Bill Dunlop, Ph.D.
Senior Scientist
Lawrence Livermore National Laboratory

Dr. Dunlop has held numerous positions during his career at Lawrence Livermore National Laboratory. His initial work was as a physicist in the Special Projects Program from 1972-1976. He then served as the Project Manager for Strategic Missile and Defensive Weapons Systems. He has also served as the Program Manager for the development of the W87 warhead for the MX missile, Program Manager for Earth Penetrator Weapons. From 1985 until 1990 he was the Division Leader overseeing work on thermonuclear weapons development.

Dr. Dunlop has also been involved in arms control issues and activities. He was on the U.S. delegation to the Conference on Disarmament in Geneva during the summer of 1979. And in 1988 and 1989, he was a member of the U.S. delegation to the Nuclear Testing Talks in Geneva. These talks resulted in a Verification Protocol for the Threshold Test Ban Treaty. From 1990 until his retirement in 2003, he was the Program Leader of the Arms Control and Treaty Verification Program at LLNL. His work has involved numerous trips to Russia, China, India and Israel on Arms Control, Treaty Verification, and Defense Conversion issues.

From January 1994 until December 1995, he served as the Technical Advisor to the US Ambassador to the Conference on Disarmament. The principal activity during this period in the Conference on Disarmament was the negotiation of the Comprehensive Test Ban Treaty. After his return from Geneva, Dr. Dunlop resumed the leadership of the Arms Control and Treaty Verification Program, which later was renamed the Proliferation Prevention and Arms Control (PPAC) Program.

The PPAC program conducted research on seismic detection and radiation detection technologies to support treaty verification activities. Following the 9/11 attack the PPAC Program worked on applying its expertise in radiation detection to the problems of Homeland Security. Bill continues to work part-time at LLNL where he is involved cargo security issues and defense activities.

Dr. Dunlop received his B.A. in Physics from the University of Pennsylvania. He received his M.S. in Physics and his Ph.D., in Nuclear Physics from UCLA.