



Susan Seestrom

Retired Senior Fellow
Los Alamos National Laboratory

Susan Seestrom recently most recently served as the Advanced Science & Technology Associate Labs Director and Chief Research Officer for Sandia National Laboratories from May 2017 to June 2023. In her line role, she managed technical work in modeling, simulation, computing, and experiment supporting all missions at SANDIA. In her CRO role she was responsible for the laboratory-directed research and development program.

Prior to joining Sandia, Susan spent 30 years at Los Alamos National Laboratory. Her research in nuclear physics ranges from studies of nuclear structure with medium energy probes to studies of weak interaction using neutrons. She initiated efforts to develop a source of ultra-cold neutrons (UCN) measurement of the beta asymmetry in neutron decay and has worked as part of a collaboration measuring the neutron lifetime using UCN. She has co-authored more than 140 publications.

Susan served in several leadership positions over 13 years at LANL, including Associate Laboratory Director for Experimental Physical Sciences, Associate Laboratory Director for Weapons Physics, Physics Division Leader, and Deputy Group Leader for Neutron Science and Technology.

In 1994, Susan was named Fellow of the American Physical Society. She has been an active member of the society, chairing or serving on nine committees. She also served as Chair of the Nuclear Science Advisory Committee for the U.S. Department of Energy and the National Science Foundation (2009–12).