

SCOSTEP Distinguished Service Award – 2017 – Citation



Professor Marvin Alan Geller, Professor Emeritus of Atmospheric Sciences, at the School of Marine and Atmospheric Sciences, Stony Brook University is the recipient of SCOSTEP's Distinguished Service Medal for 2017. The Award is given to Prof. Marvin Geller for his substantial and unique contributions to various SCOSTEP programs through his leadership roles in them and his immense service to the Solar-Terrestrial Physics community as a leader of institutions and a mentor of many students.

Professor Marvin A. Geller has shown a long term commitment to the successful realization of several SCOSTEP programs and events and has made unique contributions to SCOSTEP activities through his leadership roles in various international programs. These include his chairing the Scientific Study Group on Tides, Gravity Waves, and Turbulence, and coordinating the first attempt at global observations of atmospheric tides and gravity waves using radars during SCOSTEP's Middle Atmosphere program (MAP, 1982 – 1985) which promoted research into the Earth's middle atmosphere, an important component of the Sun-Earth system that was previously neglected. Later he served as a member of the Steering Committee for SCOSTEP's Solar-Terrestrial Energy Program (STEP, 1990 – 1997) and also led the atmospheric coupling component of STEP. He was elected president of SCOSTEP for two terms during 2000 – 2008, a period that saw the development and implementation of the highly successful Climate and Weather of the Sun-Earth System (CAWSES) program of SCOSTEP. He has also served the international space science community as a PI of Upper Atmosphere Research Satellite (UARS), a founding co-chair of World Climate Research Programme's project on Stratosphere Processes and Role in Climate (SPARC, 1992 – 2002), and a leader of Tropical Rain Measurement Mission (TRMM). He has also led institutions: he served as the chief of the Laboratory for Atmospheres at NASA GSFC, and was the head of Stony Brook University's Institute for Planetary and Terrestrial Atmospheres and Marine Sciences Research Centre. In addition to this, he has supervised an impressive 20 PhD students, training some of the current leaders in the field.