



William Fishbein

William Fishbein received his B.E.E. Magna Cum Laude from the City College of New York in 1948 and his M.S.E.E. from Rutgers University in 1955.

Following employment by the U. S. Navy as an electrical engineer at the New York Naval Shipyard, he served with the U.S. Army Signal Corps during the Korean war at the Evans Signal Laboratory (ESL). In 1952 he joined the Radar Research Group of ESL as a civilian employee. In 1974 he became Director of the Radar Division of the Combat Surveillance and Target Acquisition Laboratory (CSTAL) and in 1981 was promoted to Associate Technical Director of CSTAL. When CSTAL merged with the Electronics Warfare Laboratory (EWL) to form the Center for Electronic Warfare & Reconnaissance, Surveillance, and Target Acquisition (EW/RSTA), he became the Chief Engineer of EW/RSTA. In 1987 Mr. Fishbein retired from the Government to become a Principal Research Engineer for the Georgia Tech Research Institute.

During his career Mr. Fishbein developed technology and equipment for radar and Identification Friend or Foe (IFF) systems. Some of his major accomplishments include the AN/TPQ-36 & 37 Firefinder radars for locating hostile artillery; the lightweight, battery operated AN/PPS-15 radar for detection of moving personnel and vehicles; the AN/PPS-5, the first ground surveillance radar to use clutter filtering and a "B-scope" display to detect moving targets; models defining the Doppler spectra of radar reflections from vegetation, birds, and insects; adaptive antennas for IFF; and radar for detecting moving ground targets from lightweight remotely piloted airborne platforms.

Mr. Fishbein received U.S. Army R&D Achievement Awards in 1963 and 1970 for Radar Technology and for the Firefinder radar in 1980. In 2006 he received the prestigious Pioneer Award from the IEEE Aerospace and Electronics Systems Society for developing the fundamental concepts, system designs, and basic technology underpinning the design, development, testing, and fielding of the U.S. army Firefinder Family of radars.

Mr. Fishbein holds thirteen patents, has presented papers and chaired sessions at many radar conferences, is a Life Senior Member of the IEEE and a member of Eta Kappa Nu.