

**HARRY DIAMOND MEMORIAL AWARD
RECIPIENTS**

Discontinued after 1992 Award

1992 - ROBERT J. MAILLOUX	"For contributions and leadership in the development of phased array antennas for radar and communications systems."
1991 - HAROLD L. HUGHES	"For contributions and leadership in the field of radiation hardening of microelectronic devices."
1990 - ROBERT E. HEBNER, JR.	"For development of electrical measurements and standards for the electric utility industry."
1989 - WILLIAM F. UTLAUT	"For contributions to ionospheric research and leadership in radio science and engineering."
1988 - RICHARD J. DOVIAK and DUSAN S. ZRNI	"For contributions to, and applications of, weather radar science."
1987 - CARL E. BAUM	"For outstanding contributions to the knowledge of transient phenomena in electromagnetics."
1986 - THOMAS G. GIALLORENZI	"For contributions to the development of naval electro-optics and optical fiber technology."
1985 - HOWARD S. JONES, JR.	"For development and application of microwave conformal antennas and millimeter-wave components."
1984 - SYDNEY R. PARKER	"For research contributions in sensitivity analysis, digital filters, and discrete time modeling."
1983 - MERRILL I. SKOLNIK	"For fundamental contributions to radar system engineering including antennas, propagation, clutter, accuracy and bistatic techniques."
1982 - JULES AARONS	"For contributions to the understanding of trans-ionospheric wave propagation and its application to satellite communications and navigation."
1981 - GEORGE ABRAHAM	"For development of multistable semiconductor devices and integrated circuits and their application to military systems."
1980 - MARTIN GREENSPAN	"For contributions to the fields of acoustics and elasticity."
1979 - HENRY P. KALMUS	"For contributions to electronic ordnance systems."

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- 1978 - DAVID M. KERNS "For contributions to microwave theory basic to power, impedance and antenna standards and measurements."
- 1977 - JACOB RABINOW "For important inventions in ordnance, computers, and post office automation."
- 1976 - MAXIME A. FAGET "For contributions to the design and development of Gemini, Apollo and Space Shuttle manned space-craft."
- 1975 - LOUIS COSTRELL "For outstanding achievements in nuclear radiation measurement techniques and related instrumentation standardization."
- 1974 - CHESTER H. PAGE "For outstanding technical leadership and contributions to ordnance electronics, metrology and standards, and especially in domestic and international standardization of electrical quantities and symbols."
- 1973 - HAROLD JACOBS "For identification of new bulk semiconductor effects at millimeter waves, with application to the fields of imaging and surveillance."
- 1972 - WILLIAM B. MCLEAN "For outstanding leadership of developments in guided missiles and undersea exploration and transport."
- 1971 - ARTHUR H. GUENTHER "For his contributions to high power pulse techniques to simulate the environmental effects of nuclear weapons explosions, a vital part of the safeguards to the nuclear test ban treaty."
- 1970 - ALLEN V. ASTIN "For outstanding contributions and for inspiring technical leadership in instrument and measurement technology."
- 1969 - MAURICE APSTEIN "For contributions to ordnance electronics and inspiring leadership in the work of government laboratories."
- 1968 - HARRY I. DAVIS "For his outstanding contributions in the conception and development of innovations in military electronics."
- 1967 - RUDOLF A. STAMPFL "For his outstanding technical contribution and his able direction of a highly complex engineering organization that has contributed greatly to the exploration of space."

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- 1966 - JOHN J. EGLI "For outstanding contribution in government service in the fields of wave propagation, electromagnetic compatibility and advanced radio communications."
- 1965 - GEORGE J. THALER "For his outstanding contributions to the published literature in the area of linear and non-linear feedback control theory."
- 1964 - JAMES R. WAIT "For outstanding contributions in the field of electromagnetic wave theory."
- 1963 - ALLEN H. SCHOOLEY "For contributions in government service to radar and electronic research."
- 1962 - WILLIAM CULSHAW "For outstanding accomplishments in the field of microwave optics and interferometry."
- 1961 - HEMUT L. BRUECKMANN "For outstanding contributions to the theory and technology of antennas."
- 1960 - K. A. NORTON "For contributions to the understanding of radio wave propagation."
- 1959 - JACK W. HERBSTREIT "For original research and leadership in radio-wave propagation."
- 1958 - EDWARD W. ALLEN, JR. "For his technical and administrative contributions in the field of radio spectrum utilization."
- 1957 - GEORG GOUBAU "For his many contributions in ionospheric research and circuit theory, and for his discovery of the surface wave transmission principle."
- 1956 - WILBUR S. HIMNAN, JR. "For his contributions to the electronic art in the fields of meteorology and proximity fuzes."
- 1955 - BERNARD SALZBERG "For his contributions in the fields of electron tubes, circuits and military electronics."
- 1954 - HAROLD A. ZAHL "For his technical contributions, his long service, and his leadership in the U.S. Army Signal Corps research program."
- 1953 - ROBERT M. PAGE "For outstanding contributions to the development of radar through pioneering work and through sustained efforts over the years."

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1952 - NEWBERN SMITH

"For his fundamental work during a period of many years on radio wave propagation, this work being the basis for the practical use of ionospheric observations in the operation of world-wide communication systems."

1951 - MARCEL J. E. GOLAY

"For his many contributions in the over-all Signal Corps research and development program and particularly for his accomplishments leading toward a reduction in the infrared-radio gap."

1950 - ANDREW V. HAEFF

"For his contribution to the study of the interaction of electrons and radiation, and for his contribution to the storage tube art."