



Dr. B. Walter Rosen



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W I N N E R

MEDAL OF EXCELLENCE

IN COMPOSITE MATERIALS

Dr. B. Walter Rosen is President of Materials Sciences Corporation, Spring House, Pennsylvania. He is the founder and senior executive of the professional services organization in the field of structures and materials engineering with an emphasis on composite materials.

Born in New York City in 1931, Dr. Rosen received a Bachelor of Civil Engineering from Cooper Union in 1952 and a Master of Science in Applied Mechanics from Virginia Polytechnic Institute in 1955. He earned his PhD in engineering mechanics from the University of Pennsylvania in 1968.

Dr. Rosen began his professional career with the National Advisory Committee for Aeronautics, Langley Field, as an aeronautical research scientist in 1952. Following his graduation from Virginia Polytechnic Institute, he joined the Research and Advanced Development Division of AVCO as the Deputy Director of the Flight Vehicle Project Office. Between 1962 and 1970 Dr. Rosen was a consulting engineer with the General Electric Space Sciences Laboratory. He founded Materials Sciences Corporation in 1970. Dr. Rosen has been a consultant and Lecture Series Director for the NATO Advisory Group for Aerospace Research and Development Organization, Affiliate Professor at Drexel University, and is currently Adjunct Professor in the Department of Mechanical Engineering and Engineering Mechanics at the University of Pennsylvania.

Dr. Rosen has provided technical leadership for engineering efforts directed towards the behavior of materials and utilizing that understanding for the development of practical structures. His work is widely published and he has received particular recognition in the field of composite materials.