



SCHOLARSHIP IN HONOR OF

HANS M. MARK

Hans M. Mark

Dr. Mark served as Secretary of the Air Force from July 1979 until February 1981. He had previously served as Under Secretary of the Air Force from 1977 to July 1979. He became Deputy Administrator of NASA in July 1981.

Dr. Mark was born on June 17, 1929 in Mannheim, Germany. He came to the United States in 1940 and became a U.S. citizen in 1945. He attended primary and secondary schools in New York City, earned a Bachelor of Arts in physics at the University of California, Berkeley, in 1951 and his doctor of physics in 1954 from the Massachusetts Institute of Technology.

Active in teaching since 1952, Dr. Mark taught courses in physics and engineering at Boston University, the Massachusetts Institute of Technology, the University of California at Berkeley and Davis and Stanford University. Concurrently, he was active in research and held a number of administrative appointments. Following the completion of his graduate studies, Dr.

Mark remained at the Massachusetts Institute of Technology as a research associate and acting head of the Neutron Physics Group, Laboratory for Nuclear Science, until 1955. He then returned to the University of California as a research physicist at the Berkeley campus, then at the university's Lawrence Radiation Laboratory in Livermore, where he served until 1958.

After two years as an assistant professor of physics at the Massachusetts Institute of Technology, Dr. Mark returned to the Lawrence Radiation Laboratory in Livermore to continue physics research and to head the Laboratory's Experimental Physics Division (1960-1964).

During that period he was also first an associate professor (1961-1966) and then professor of nuclear engineering (1966-1969) at the University of California's Berkeley campus. He served as Chairman of the Department of Nuclear Engineering and administrator of the Berkeley Research Reactor from 1964 to 1969.

In 1969, Dr. Mark accepted the position of director of the Ames Research Center of the National Aeronautics and Space Administration. As director he managed the center's research and applications efforts in aeronautics, space science, life science and space technology. He also continued his association with the academic community, first as a lecturer in applied science at the University of California, Davis campus, from 1969 to 1973 and from 1973 as a consulting professor of engineering at Stanford University.

Dr. Mark has also been a consultant to government industry and business. He served as a consultant for, among others, the Institute for Defense Analyses (1958-1961); the National Science Foundation (1966-1969); the U.S. Air Force Scientific Advisory Board (1969-1976); the Vice President of the United States (1974-1976); The President's Advisory Group on Science and Technology (1975-1976) and the Defense Science Board (since 1975).

Dr. Mark has written extensively; his articles have appeared in a number of professional and technical journals. He also co-authored a volume on "Experiments in Modern Physics," served as co-editor of "The Properties of Matter Under Unusual Conditions," and was co-author of "Power and Security."

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His major scientific accomplishments include contributions to the precise determination of the wave lengths of nuclear gamma rays, to the development of X-ray astronomy, to various fields of nuclear instrumentation and the development of more accurate atomic wave functions.

Dr. Mark is a member of Tau Beta Pi, Sigma Xi, Phi Beta Kappa and the National Academy of Engineering. He is a fellow of the American Physical Society and the American Institute of Aeronautics and Astronautics. He also belongs to a number

of other professional associations including the American Nuclear Society, the American Geophysical Union, and the American Association of University Professors and the Society for Engineering Science, of which he was a director from 1972 to 1976. Dr. Mark holds an honorary doctorate of science degree awarded in 1978 by Florida Institute of Technology.

Dr. Mark is married to the former Marion G. Thorpe. They have two children, Jane and Rufus.

The Falcon Foundation

It is a pleasure for the Gertrude Skelly Trust to establish scholarships in honor of Secretaries of the United States Air Force. Their outstanding civilian leadership through the years has been a key to the strength of our Nation's military posture. It is only fitting that these leaders be recognized and honored by the award, each year, of scholarships to deserving sons or daughters of career military personnel who will become the future leaders in our Air Force.

It is our privilege to establish this scholarship, in perpetuity, honoring Hans M. Mark, Secretary of the United States Air Force (26 July 1979 to 9 February 1981).

*Sincerely,
Gertrude Skelly Trust*

Edward P. Stuart
Trustee

John R. March Jr.
Trustee



The Falcon Foundation is a 501(c)(3), non-profit foundation. Its purpose is to provide scholarships to College or Preparatory Schools for motivated young people seeking admission to USAFA and a career in the Air Force.

Although it is a separate organization, the Falcon Foundation works closely with USAFA.