

NASA JOHNSON SPACE CENTER ORAL HISTORY PROJECT

BIOGRAPHICAL DATA SHEET

NAME: Robert E. Stevenson

ORAL HISTORY: 5 March 1999
13 May 1999

EDUCATIONAL BACKGROUND:

A.A. Fullerton Junior College, Fullerton, California, 1941
A.B. University of California, Los Angeles, 1946
A.M. University of California, Los Angeles 1948
Ph.D. in Marine Geology, University of Southern California, Los Angeles, 1954

MILITARY EXPERIENCE:

Aerial Navigator, USAAF (1942-1945)
Captain, Chief, Photo/Radar Interpretation Section, Wright Air Development Center,
USAF, Dayton, Ohio (1951-1953)

PRE-NASA INVOLVEMENT:

Teaching Assistant, University of California, Los Angeles (1946)
Instructor, Compton, College, Compton, California (1947-1949)
Lecturer, University of Southern California, Los Angeles (1949-1951)
Director, Inshore Research, Hancock Foundation, University of Southern California,
Los Angeles (1953-1959)
Special Research Oceanographer, U.S. Office of Naval Research, London, England
(1959)
Director, Inshore Research, Hancock Foundation, University of Southern California,
Los Angeles (1960-1961)
Research Scientist, Department of Oceanography and Meteorology, Texas A&M
University, College Station, Texas (1961-1962)
Director, Texas A&M Marine Laboratory, Department of Oceanography and
Meteorology, Professor, Graduate School Texas A&M University, Galveston, Texas
(1962-1963)
Research Scientist, Oceanographic Institute, Associate Professor, Departments of
Geology and Meteorology, Florida State University, Tallahassee, Florida (1963-
1965)
Acting Assistant Laboratory Director, Bureau of Commercial Fisheries Biological
Laboratory, Galveston, Texas (1965-1966)

NASA INVOLVEMENT:

Scientific Liaison Officer Office of Naval Research (1970-1985)
Earth Resources Science Team (1974)

Payload Specialist, Oceanographer (1982)

POST-NASA INVOLVEMENT:

Assistant Laboratory Director, Bureau of Commercial Fisheries Biological Laboratory, Galveston, Texas, (1966-1970)
Acting Laboratory Director, Bureau of Commercial Fisheries Biological Laboratory, Galveston, Texas (1969)
Scientific Liaison Officer Office of Naval Research, Scripps Institution of Oceanography, La Jolla, California (1970-1985)
Scientific Liaison Officer and Deputy Director, Space Oceanography, Office of Naval Research, Scripps Institution of Oceanography, La Jolla, California (1985-1988)
Secretary General, International Association for the Physical Sciences of the Oceans, Del Mar California (1987-1995)
Secretary General Emeritus, International Association for the Physical Sciences of the Oceans, Del Mar, California (1995-Present)
Trustee, Chief Financial Officer, International Foundation for Applied Research in the Natural Sciences, Carlsbad, California (1996-Present)
Executive Director, The Vega Society, Del Mar, California (1995-Present)
Oceanography Consultant, Del Mar, California (1988-Present)

CURRENT OCCUPATION:

Secretary General Emeritus, International Association for the Physical Sciences of the Oceans, Del Mar, California (1995-Present)
Trustee, Chief Financial Officer, International Foundation for Applied Research in the Natural Sciences, Carlsbad, California (1996-Present)
Executive Director, The Vega Society, Del Mar, California (1995-Present)
Oceanography Consultant, Del Mar, California (1988-Present)

PROFESSIONAL & HONORARY SOCIETIES:

- Member, Sigma Xi, 1949
- Fellow, Geological Society of America, 1948
- Visiting Scientist, American Geophysical Union, 1963
- Representative, International Association for the Physical Sciences of the Oceans to the Committee on Space Research, International Council of Scientific Unions, 1979-1987
- Deputy Secretary General, International Association for the Physical Sciences of the Ocean, 1985
- Secretary General, International Association for the Physical Sciences of the Ocean, 1987

AWARDS & CITATIONS:

- Distinguished Flying Cross, U.S. Eighth Air Force, 1944
- Air Medal with four Oak Leaf Clusters, U.S. Eighth Air Force, 1944
- European Theater Medal with four Battle Stars, U.S. Eighth Air Force, 1944
- Group Presidential Citation, U.S. Eighth Air Force, 1944
- Cited in Dispatches, First Division, U.S. Eighth Air Force, 1944
- Performance Commendation, Ferry Command, Air Transport Command, 1945
- Special Commander's Commendation, Aerial Reconnaissance Laboratory, Wright Air Development Center, Air Research and Development Command, 1953
- Reserve Officer's Medal, Outstanding Performance, Air Research and Development Command, 1963
- Distinguished Lecturer, American Association of Petroleum Geologists, 1969-1972
- Letter of Commendation, Chief of Naval Research, 1975
- Air Marshal's Commendation, Strike Command, Royal Air Force, 1978
- Outstanding Performance Rating, Office of Naval Research, 1982
- Letter of Commendation, Commander-in-Chief, Third Fleet, 1982
- Letter of Commendation, Commander-in-Chief, Pacific Fleet, 1982
- Superior Performance Rating, Office of Naval Research, 1984
- Superior Performance Rating, Office of Naval Research, 1985
- Commendation, Secretary of the Navy, 1985
- Navy Meritorious Civilian Service Award, Office of Naval Research, 1985
- Order of the Decibel, Navy Underwater Systems Center, 1985

NASA AWARDS & CITATIONS:

- Group Achievement Award, Earth Resources Science Team, 1974
- Exceptional Achievement for Skylab Science, 1974
- Outstanding Experimental Observation Award, Apollo-Soyuz Test Project, 1975
- Commendation, Office of Naval Research, Space Systems Development, Apollo-Soyuz Test Project, 1975
- Special Award for Support of STS-1, JSC, 1981
- Commendation from Crew of STS-4, JSC, 1982
- Special Achievement for Oceanographic Support of STS-8, JSC, 1983
- Special Award for Oceanographic Support of Spacelab 1, STS-9, JSC, 1985
- Commendation from STS-41-G crew for Oceanographic Support, 1985
- Flight Crew Operations Division Award for Oceanographic Support of STS-26, 28, 29, 33, and 34, 1989
- Astronaut Office Award for Oceanographic Support of STS-32, 35, 36, 38, and 41, 1990
- Special Awards from crews of STS-43 and 48 for Mission Support, 1991
- Commendations from the Director, Flight Crew Operations Division, on the Development of Advanced Training products for Astronaut Candidates, 1992
- Special Awards from the Crews of STS-48, 57, 59, 60, and 61, 1994

- Director's Award for "excellence of performance and support of Space Shuttle Operations and Crew Activities," 1997
- Commendation, Director, JSC, for "30 Years of Outstanding Crew Training and Planning for Oceanographic and Meteorological Observations for Manned Spacecraft," 1997.

SELECT PUBLICATIONS:

Stevenson, Robert E. The Oceanography of Santa Monica Bay: A Final Report Submitted to the Hyperion Engineers, September 18, 1956. Los Angeles, CA: University of Southern California, Geology Department, 1956.

Stevenson, Robert E. An Investigation Of Nearshore Ocean Currents At Newport Beach, California. Los Angeles, CA: n.p., 1958.

Stevenson, Robert E. The Oceanography of The Southern California Mainland Shelf. Los Angeles, CA: Allan Hancock Foundation, 1961.

McLellan, Hugh J., Robert E. Stevenson, and Robert E. Schuller. R/V Alaminos, Design Concept. College Station, TX: A & M College of Texas, Dept. of Oceanography and Meteorology, 1962.

Clements, Thomas, Robert E. Stevenson, and Dorothy M. Halmos, eds. Essays In Marine Geology In Honor Of K. O. Emery, University Of Southern California. Los Angeles, CA: University of Southern California Press, 1963.

Stevenson, Robert E. Ocean Meteorology. Owatonna, MN: Instructional Aids, 1967.

Stevenson, Robert E. and Ruth M. Nelson. An Index Of Ocean Features Photographed From Gemini Spacecraft. National Aeronautics and Space Administration. Earth Resources Survey Program. Galveston, TX: Department of Interior, Bureau of Commercial Fisheries, 1968.

White, Matthew B. and Robert E. Stevenson. "Ocean Optics V." In Proceedings of the Society of Photo-optical Instrumentation Engineers Held in Bellingham, Washington 30-31 August 1978. San Diego, CA: Society of Photo- optical Instrumentation Engineers, 1978.

Honharth, David C., Robert E. Stevenson, Lucy Warner, Michael Shibao, and Christopher N. K. Mooers. Oceanography from the Space Shuttle. A Joint Project of the University Corporation for Atmospheric Research and the Office of Naval Research, United States Navy, 1989.

Talbot, Frank H., Robert E. Stevenson, and Mike Gorman, eds. Oceans and Islands. The Encyclopedia of the Earth Series. New York: Smithmark Publishers, 1991.

Stevenson, Robert E. and Frank Hamilton Talbot. Oceans. Alexandria, VA: Time-Life Books, 1993.

BIOGRAPHICAL REFERENCES:

Vis, Bert. "The NEREUS Programme." Spaceflight 40 (October 1998): 395-402.

American Men & Women of Science: A Biographical Directory of Today's Leaders in Physical, Biological and Related Sciences. 12th - 20th Editions. New York: R.R. Bowker, 1973 - 1998, s.v. "Stevenson, Robert Everett."

Who's Who in America. 50th - 53rd Editions. New Providence, NJ: Marquis Who's Who, 1996-1999, s.v. "Stevenson, Robert Everett."

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