

# NASA JOHNSON SPACE CENTER ORAL HISTORY PROJECT

## BIOGRAPHICAL DATA SHEET

**NAME:** John Owen Annexstad

**ORAL HISTORY:** 15 March 2001

**EDUCATIONAL BACKGROUND:**

B.S. in Physics and Mathematics, Gustavus Aldophus College, St. Peter, Minnesota, 1956

M.S. in Geophysics, University of Alaska, College, Alaska, 1966

M.A. in Public Administration, University of Oklahoma, Norman, Oklahoma, 1978

Ph.D. in Natural Science, Johannes Gutenberg Universitat, Mainz, Germany, 1983

**PRE-NASA CAREER:**

Standard Oil, Lubbock, Texas

Junior Geophysicist, Geophysical field Party #26 (1956-1957)

U.S. Coast and Geodetic Survey

Chief, Magnetic Surveys Detail for Strategic Air Command (1957)

Chief, Magnetic and Seismological Observatory, Bryd Station, Antarctica  
(1957-1958)

Party Chief, Magnetic Field Surveys, Central and Western United States (1959)

United States Scientific Advisor, Chilean Antarctic Expedition, Antarctica  
(1960-1961)

University of Alaska, College, Alaska

Assistant to Chief, College Magnetic and Seismological Observatory (1961-1965)

Research Assistant, Geology Department (1963-1965)

Research Geophysicist, Geophysical Institute (1965-1968)

Geophysicist, Australian Antarctic Expedition to Macquarie Island (1966-1967)

**NASA CAREER:**

NASA Manned Spacecraft Center/Johnson Space Center, Houston, Texas

Space Scientist, Geophysics Branch/Lunar and Earth Sciences Division (1968-1969)

Acting Chief, Geophysics Branch/Lunar and Earth Sciences Division (1969-1970)

Director of Processing Laboratory, Curatorial Branch, Lunar Receiving Laboratory  
(1970-1971)

Associate Curator of Lunar Samples, Curatorial Branch, Lunar Receiving Laboratory  
(1970-1978)

Associate Curator of Antarctic Meteorites and Lunar Samples, Planetary Materials  
Branch/Planetary and Earth Sciences Division (1978-1983)

Planetary Scientist, Planetary Materials Branch/Solar System Exploration Division  
(1983-1985)

**POST-NASA CAREER:**

Bemidji State University, Bemidji, Minnesota

Director of the Space Studies Program, (1985-present)  
Professor, Geology Department, (1985-present)  
Minnesota Space Grant Consortium (MnSGC)  
Associate Director

**CURRENT OCCUPATION:**

Bemidji State University, Bemidji, Minnesota  
Director of the Space Studies Program, (1985-present)  
Professor, Geology Department, (1985-present)  
Minnesota Space Grant Consortium (MnSGC)

**PROFESSIONAL & HONORARY SOCIETIES:**

- Member, American Geophysical Union
- Fellow, Explorers Club
- Member, Australian Antarctic Club
- Member, Antarctic Society
- Fellow, Linnean Society of Widdicombe
- Member, Meteoritical Society (Member of Nomenclature Committee)
- Member, American Polar Society

**AWARDS & CITATIONS:**

- Antarctic Commendation Certificate, National Academy of Sciences, National Research Council, 1958
- United States Antarctic Service Medal, 86<sup>th</sup> Congress, 1958, 1967
- Honorary Rotarian, Rotary, St. Peter, Minnesota, 1960
- Letters of Commendation by Director, U.S. Coast and Geodetic Survey, 1961, 1962
- Annexstad Peak, Executive Committee Range, Antarctica, U.S. Board of Geographic Names, 1963
- Commendation Letter, Consulate General of the U.S. , Melbourne, Australia, 1966
- NASA Group Achievement Awards for Lunar Science Team, Apollo Science Team, Apollo Program Team, and Planetary Materials Curation Team
- NASA Sustained Superior Performance Award, 1973
- NASA Superior Achievement Award, 1979
- NASA Quality Step Increase, 1981

**SELECT PUBLICATIONS:**

Annexstad, John O. Antarctic Guide Manuel – Geomagnetic and Seismological Observatories. Rockville, Maryland: U.S. Coast and Geodetic Survey, 1962.

Annexstad, John O. “Geomagnetic Micropulsations at College with the Helium Magnetometer.” Proceedings Fifteenth Alaskan Science Conference. College, Alaska: University of Alaska, 1965.

- Annexstad, John O. and C. R. Wilson. "Conjugate Relationships for Giant Pulsations (Pg's), at College Alaska and Macquarie Island." Transactions American Geophysical Union. 46, 1, p57, 1965.
- Annexstad, John O. "Conjugate Polarizations of Pg Micropulsations." Transactions American Geophysical Union. 47, 1, p67, 1966.
- Annexstad, John O. and C. R. Wilson. Study of Geomagnetic Micropulsations. Final Report, Office of Naval Research. Report UAGR-183. College, Alaska: Geophysical Institute, University of Alaska, 1966.
- Annexstad, John O. "Kotzebue, Alaska – Macquarie Island Conjugate Point Micropulsation Experiment." Antarctic Journal of the United States. 2, 5, p1805-1818, 1967.
- Annexstad, John O. "PC-1 Micropulsations observed at Kotzebue, Alaska and Macquarie during 1967." Transactions American Geophysical Union. 50, 4, p288, 1969.
- Annexstad, John O. and R.R. Heacock. "Micropulsations IPDP Events and Associated Magnetospheric Electric Fields." Symposium on Upper Atmospheric Currents and Electric Fields. Boulder, Colorado, 17-21 August 1970.
- Annexstad, John O. "Antarctic Meteorites: A New Source of Extraterrestrial Material." AIAA Technical Mini-Symposium. NASA, Johnson Space Center. Houston, Texas 21 March 1978.
- Annexstad, John O. "Processing and Distributing Antarctic Meteorite Collected During 1977-1978." Antarctic Journal of the United States. 13, 4, p219-220, 1978.
- Annexstad, John O. and Nishio, F. "Glaciological Studies in the Allan Hills 1978-1979." Antarctic Journal of the United States. 14, 5, p87-88, 1979.
- Annexstad, John O. "Hunting for Meteorites in Antarctica." Eleventh Lunar and Planetary Science Conference. Johnson Space Center. Houston, Texas 17-20 March, 1980.
- Annexstad, John O. and Cassidy, W.A. "Collecting and Processing Victoria Land Meteorites." Memoirs of the National Institute of Polar Research. Special Issue No. 17. Ed. T. Nagata. National Institute of Polar Research. Tokyo, Japan. 14-20, 1980.
- Annexstad, John O., Bogart, D. D., and Duke, Michael B. "Curatorial Aspects of the Antarctic Meteorite Program in the United States." The Sixth Symposium on Antarctic Meteorites. The National Institute of Polar Research. Tokyo, Japan, 19-20 February 1981.

**BIOGRAPHICAL REFERENCES:**

Johnson Space Center Telephone Directories History Collection (January 1977, April 1979, August 1983), Scientific and Technical Information Center, Lyndon B. Johnson Space Center, Houston, TX.

Manned Spacecraft Center Telephone Directories History Collection (August 1968, August 1969, July 1972), Scientific and Technical Information Center, Lyndon B. Johnson Space Center, Houston, TX.

NASA Biographical Data Sheet (September 1985), John O. Annexstad, Key Personnel File, Scientific and Technical Information Center, Lyndon B. Johnson Space Center Houston, TX.

Organizational Charts (August 1969), Boxes 13 and 14, History Collection, Scientific and Technical Information Center. Lyndon B. Johnson Space Center, Houston, TX.

Stuart Ross Taylor, Lunar Science: A Post-Apollo View: Scientific Results and Insights from the Lunar Samples (Houston: Lunar Science Institute and Canberra, AUS, Australian National University, 1975), 5-9.

Bemidji State Space Studies Minor, [Bemidji State University Space Studies Homepage], [Online], (1 May 1999--Last Updated), Available: <http://vax1.bemidji.msus.edu/~spacewww/> [23 June 1999--Accessed].

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