

NASA JOHNSON SPACE CENTER ORAL HISTORY PROJECT

BIOGRAPHICAL DATA SHEET

NAME: Michael A. Reynolds

ORAL HISTORY: 2 March 2005

EDUCATIONAL BACKGROUND:

B.S. in Chemistry, Western Illinois State College, Macomb, IL, 1954

M.S. in Chemistry, Western Illinois State College, Macomb, IL, 1957

Ph.D. in Chemistry, University of Arkansas, Fayetteville, Arkansas, 1970

PRE-NASA EXPERIENCE:

Military Service (1954-1956)

NASA EXPERIENCE:

NASA Lyndon B. Johnson Space Center, Houston, Texas (1969-1987)

- Space Sciences, Lunar and Earth Sciences Division (1969-1970)
- Lunar and Planetary Studies, Geochemistry Branch of the Lunar and Earth Sciences Division (1970-1972)
- Space Scientist, Lunar and Earth Sciences Division (1972)
- Space Scientist, Office of the Curator (1972-1976)
- Space Scientist, Curatorial Branch of the Lunar and Planetary Sciences Division (1976-1978)
- Space Scientist, Biomedical Applications Branch of the Medical Sciences Division (1978-1982)
- Physical Science Technical Manager, Biomedical Applications Branch of the Medical Sciences Division (1982-1985)
- Space Biomedical Research Institute of the Space and Life Sciences Directorate (1984-1986)
- Physical Science Resource Management, Biomedical Applications Branch of the Medical Sciences Division (1985-1987)

POST-NASA EXPERIENCE:

- Project Manager of the Crew Health Care System (CHeCS), McDonnell Douglas Space Systems Company (1988-1998)

AWARDS & CITATIONS:

- Performance Award, 1987

SELECT PUBLICATIONS & PATENTS:

D. D. Bogard, R. S. Clarke, J. E. Keith, and M. A. Reynolds, "Noble Gases and Radionuclides in Lost City and Other Recently Fallen Meteorites," Journal of Geophysical Research, vol. 76, no. 17 (1971): 4076-4083.

D. D. Bogard, M. A. Reynolds, and L. A. Simms, "Noble Gas Concentrations and Cosmic Ray Exposure Ages of Eight Recently Fallen Chondrites," Geochimica et Cosmochimica Acta Journal of the Geochemical Society and the Meteoritical Society vol. 37, no. 11 (1973): 2417-2433.

M. A. Reynolds, et. al., "Preliminary Organic Analysis of the Apollo 12 Core," Proceedings of the Lunar Science Conference in Houston, Texas, January 11-14, 1971, by the MIT Press (Cambridge, Massachusetts: MIT Press, 1971), 1891-1899.

M. A. Reynolds, et. al., "Environmental Control of Lunar Samples in the Lunar Receiving Laboratory," Proceedings of the Symposium on the Analytical Methods Developed for Application to Lunar Samples Analyses in Los Angeles, California, June 25-30, 1972, by the American Society for Testing and Materials (Philadelphia, Pennsylvania: American Society for Testing and Materials, 1973), 3-15.

M. A. Reynolds, et. al., "Organic Containing Monitoring and Control in the Lunar Receiving Laboratory," Proceedings of the Symposium on the Analytical Methods Developed for Applications to Lunar Samples Analyses in Los Angeles, California, June 25-30, 1972, by the American Society for Testing and Materials (Philadelphia, Pennsylvania: American Society for Testing and Materials, 1973), 16-34.

M. B. Duke and M. A. Reynolds, "Lunar Sample Quarantine Procedures: Interaction with Non-Quarantine Experiments," in International Aerospace Abstracts, Proceedings of COSPAR Plenary Meeting in Konstanz, West Germany, May 23-June 5, 1973, by the Technical Information Service (New York: American Institute of Aeronautics and Astronautics, Inc., 1973), 1-16.

R. J. Wright, L. A. Simms, M. A. Reynolds, and D. D. Bogard, "Depth Variation of Cosmogenic Noble Gases in the ~120-kg Keyes Chondrite," Journal of Geophysical Research, vol. 78, no. 8 (1973): 1308-1318.

REFERENCES:

Michael A. Reynolds Service Records Card, Michael A. Reynolds Personnel File, Human Resources Office, NASA Lyndon B. Johnson Space Center, Houston, Texas.

Michael A. Reynolds and John R. Watson, "Crew Health Care Systems (CheCS)," n. d., Box 10, Center Series, Michael Reynolds Files, JSC History Collection, University of Houston-Clear Lake, University Archives, Houston, Texas.

NASA Lyndon B. Johnson Space Center Telephone Directories (1970-1987), Organization Files, Center Series, JSC History Collection, University of Houston-Clear Lake, University Archives, Houston, Texas.

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