

NASA JOHNSON SPACE CENTER ORAL HISTORY PROJECT

BIOGRAPHICAL DATA SHEET

NAME: Jack L. Warren

ORAL HISTORY: August 12, 2008; August 20, 2008

NASA EXPERIENCE:

Johnson Space Center, Houston, TX (1966-present)

- Components Test Facility, Lockheed (1966)
- Lunar Receiving Laboratory, Brown & Root/Northrop (1967-1973)
- Sample Storage and Processing Laboratory, Contractor unknown (1973-1979)
- Lunar Laboratory Clean Room Certification and Trouble Shooting (1994)
- Facility for the Optical Inspection of Large Surfaces (FOILS) Lab, Cosmic Dust Lab, Clean Room Specialist, Space-Exposed Surfaces Scanner, Picker of Cosmic Dust, Jacobs Engineering and Science Contract Group (exact dates unknown)

SELECT PUBLICATIONS & PATENTS:

J. L. Gooding, et al., "El Chichon volcanic ash in the stratosphere – Particle abundances and size distributions after the 1982 eruption" NASA 19840038625 (Houston: NASA Lyndon B. Johnson Space Center, 1983).

Donald J. Kessler, et al., "Examination of returned solar-max surfaces for impacting orbital debris and meteoroids," NASA 09850018249 (Houston: NASA Lyndon B. Johnson Space Center, 1985).

Jack Warren, et al., "The detection and observation of meteoroid and space debris impact features on the Solar Max Satellite," *Proceedings of the 19th Lunar and Planetary Science Conference*: 641-657.

D. E. Brownlee, et al., "The composition of meteoroids impacting LDEF," NASA 19920003692 (Houston: NASA Lyndon B. Johnson Space Center, 1991).

Friedrich Hörz, et al., "Preliminary analysis of LDEF Instrument AO187-1 'Chemistry of Micrometeoroids Experiment,'" NASA-N92-23315 (Houston: NASA Lyndon B. Johnson Space Center, 1992).

Thomas H. See, et al., "Detailed examination of LDEF's frame and the AO178 thermal blankets by the meteoroid and debris special investigations group," NASA 19920018001 (Houston: NASA Lyndon B. Johnson Space Center, 1992).

Thomas H. See, et al., "Continued Investigation of LDEF's Structural Frame and Thermal Blankets by the Meteoroid & Debris Special Investigation Group," NASA N93-29357 23315 (Houston: NASA Lyndon B. Johnson Space Center, 1992).

Thomas H. See, et al., "The LEO Particulate Environment as Determined by LDEF," NASA NTRS 20040111967 (Houston: NASA Lyndon B. Johnson Space Center, 1993).

Michael E. Zolensky and Jack L. Warren, "Collection and curation of interplanetary dust particles recovered from the stratosphere," NASA 19950004558 (Houston: NASA Lyndon B. Johnson Space Center, 1994).

Thomas H. See, et al., "Current Activities and Results of the Long Duration Exposure Facility Meteoroid & Debris Special Investigation Group," NASA N94-35458 (Houston: NASA Lyndon B. Johnson Space Center, 1994).

K. L. Thomas, et al., "The anatomy of a cluster IDP. Part 1: Carbon abundance, bulk chemistry, and mineralogy of fragments from L2008#5," NASA 19940030960 (Houston: NASA Lyndon B. Johnson Space Center, 1994).

Thomas H. See, et al., "LDEF Meteoroid & Debris Special Investigation Group Investigations and Activities at the Johnson Space Center," NASA-N95-23823 (Houston: NASA Lyndon B. Johnson Space Center, 1995).

J. Warren, et al., "Cosmic Dust Catalog," NASA 19980004630 (Houston: NASA Lyndon B. Johnson Space Center, 1997).

Marilyn Lindstrom, et al., "Curation of United States Martian Meteorites Collected in Antarctica," NASA 19990020861 (Houston: NASA Lyndon B. Johnson Space Center, 1998).

Fred Hörz, et al., "Optical Analysis of Impact Features in Aerogel from the Orbital Debris Collection Experiment on the *Mir* Station," NASA-TM-1999-209372 (Houston: Lyndon B. Johnson Space Center, 1999).

E. K. Stansbery, et al., "Genesis Discovery Mission: Science Canister Processing at JSC" NASA 20040010590 (Houston: NASA Lyndon B. Johnson Space Center, 2003).

Frans J. M. Rietmeijer, et al., "Leonid Dust Spheres Captured During the 2002 Storm," NASA 20030110822 (Houston: NASA Lyndon B. Johnson Space Center, 2003).

K. Nakamura-Messenger, et al., "STARDUST Curation and Science at JSC," NASA 20070025093 (Houston: NASA Lyndon B. Johnson Space Center, 2007).

K. Nakamura-Messenger, et al., "Stardust Curation at Johnson Space Center: Photo Documentation and Sample Processing of Submicron Dust Samples from Comet Wild 2 for Meteoritics Science Community," NASA 20070011617 (Houston: NASA Lyndon B. Johnson Space Center, 2007).

J. H. Allton, "Clean Assembly of Genesis Collector Canister for Flight: Lessons for Planetary Sample Return," NASA 20070025091 (Houston: NASA Lyndon B. Johnson Space Center, 2007).

A. J. Westphal, et al., "Preliminary Examination of the Interstellar Collector of Stardust," NASA 20080012512 (Houston: NASA Lyndon B. Johnson Space Center, 2008).

REFERENCES:

"M&D LDEF & Database Contacts," Astromaterials Curation Homepage, Online, <http://www-curator.jsc.nasa.gov/seh/ldef/ldef.cfm> (Last Updated 6 February 2006; Accessed 16 July 2008).

NASA Lyndon B. Johnson Space Center Telephone Directories (1973-1998), Organization Files, Center Series, JSC History Collection, University of Houston-Clear Lake, University Archives, Houston, TX.

NASA Manned Spacecraft Center Telephone Directories (1963-1972), Organization Files, Center Series, JSC History Collection, University of Houston-Clear Lake, University Archives, Houston, TX

Michael A. Reynolds, interview by Jennifer Ross-Nazzal, 2 March 2005, CD, transcript, donated to the JSC Oral History Project, JSC History Collection, University of Houston-Clear Lake, University Archives, Houston, TX.

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