1970-1971

CENTER SERIES MICHAEL REYNOLDS FILES

This subseries consists of files created and collected by Dr. Michael Reynolds. Dr. Reynolds worked as the Chief Contamination Control Officer for the Apollo Lunar Receiving Laboratory. Later he worked on the Crew Health Care System (CHeCS) for the Space Shuttle and the Space Station. The collection dates range from 1960-2001; however there are two bulk ranges: the Apollo era from 1969-1974 and the Station era from 1986-1996. The collection was donated to UHCL by Dr. Reynolds in November 2002 for inclusion in the JSC History Collection. It consists of 28 boxes. The Apollo Lunar Receiving Laboratory documents make up the first five boxes. The Crew Health Care System (CHeCS) documents fill boxes 6-17 and the remainder of the collection consists of printed publications related to a variety of subjects.

Inventory

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Apollo	Apollo Experience Report Window Contamination	March 1972
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Apollo Lunar Receiving Laboratory	Apollo 15 File	1971
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Apollo Lunar Receiving Laboratory	Benzene vs. Toluene Results	1976
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Apollo Lunar Receiving Laboratory	Core Tube Contamination	1971-1972
Apollo Lunar Receiving Laboratory	Apollo Lunar Sruface Drill (ALSD) Includes Procedure for processing LRL tools; decontamination process for Apollo 17 Flight Hardware; Preliminary Investigation of Lead Contamination in lunar drill core equipment and alsd flight unit acceptance test report for Apollo 17	1972
Apollo Lunar Receiving Laboratory	Buna - n- Gloves (for glove boxes) and Biological Safety	1970-1976
Apollo Lunar Receiving Laboratory	Cleaning Procedure Notes	1971-1977
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Contamination Control Panel

Apollo Lunar Receiving Laboratory

Apollo Lunar Receiving Laboratory	Contamination Mode Analysis and Control Survey (CMAC) Apollo Lunar Handtools	1970-1972
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Apollo Lunar Receiving Laboratory	Contamination Control in the Processing of Lunar Samples by M. A. Reynolds and M. B. Duke * this 11 page document has been scanned	October 1972
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Apollo Lunar Receiving Laboratory	Descent Engine Exhaust Gas Sampling Program * Summar of Phase III Tests * TR-124-001	March 23, 1970
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Apollo Lunar Receiving Laboratory	Lunar Core Stems	1972
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CHeCS Research Files	Crew Health Care System (CHeCS) Verification Plan * WP-2 * NAS 9- 18200	March 1993
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CHeCS	Catalog of the Crew Health Care System	1991
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CHeCS	Crew Health Care System (CHeCS) GFE Specification International Space Station * Revision Basic	June 1999
CHeCS	Government Furnished Data (GFD) Description Document * International Space Station Alpha Program SSP 50177	May 23, 1995
CHeCS	Habitation Module * SSP 50553 Part 1 : ICD Rack 1 * SSP 50554 Part 1 : ICD	2000

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CHeCS GFE Specification International Space July 2000

Station * Revision A

Government Funded Equipment (GFE **CHeCS**) Hardware Specificaion - International November 1996

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Microbiology Support Plan for Space **CHeCS** 1986-1987

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Crew Health Care System (CHeCS) **CHeCS** A Catalog of MTC (Man Tended n.d.

Capability) Components

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Human Research Facility (HRF) **CHeCS** 1990, 1995

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CHeCS) Articles

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CHeCS) Hardware Description Document * March 1, 1991

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Sterile Water for Injection System (**CHeCS** 1985-1987

SWIS)

Procedures for Assembly of Electrophoresis Columns and

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Electroosmotic Coating for July 14, 1982

Electrophoresis Equipment Verification

Test on STS-5

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Sciences Divison Document

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Office of Life and Microgravity Sciences and Applications Life	Configuration (IOC) Science Requirements * JSC 20799 Human Research Facilty (HRF) Science & Technical Requirements	January 29, 1996
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International Space Station Program	for Re-Phased US Habitation Module Configuration Item Number TBD * Contract No. NAS15-10000 * SSP 50452	March 10, 1999
Life Sciences Project Divison	Space Biology Initiative Hardware Development Guidelines	October 10, 1989
Life Sciences Project Division	Space Biology Initiative Hardware Catalog Johnson Space Center	June 21, 1989
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Space Station	Cardiovascular Responses to Lower Body Negative Pressure (LBNP) in Microgravity Workshop - Appendix A	November 1, 1988
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McDonnell Douglas Aerospace Technical Report	Analysis of Treadmill VIbration Isolation System (TVIS) NAS9-19100	1996
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Space Station	Biomedical Monitoring and Countermeasures Project * Operationally Important Problems * Prose Bibliography and Vu-Graphs	January 1990
Space Station	Biomedical Monitoring and Countermeasures * Biomedical Facility Hardware Catalog * LS-35001	June 15, 1990
Space Station	Process Plan for THEME (Terrestrial	October 1991

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SubHeading:	Box Number: 21	
Publications	Apollo 11 Lunar Sample Information Catalog (Revised) JSC 12522	1977
Publications	Apollo 12 Lunar Sample Information (S-243) Review Copy	1970
Publications	Apollo 11 - 12 and 13 Organic Contamination Monitoring History	1970
Publications	Lunar Sample Information Catalog Apollo 11	1969
Publications	Apollo 12 Lunar Sample Information (TR R-353)	1970
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Publications	Interagency Report 29 * Preliminary Geologic Investigations of the Apollo 14 Landing Site	1971
Publications	Apollo 14 Lunar Sample Information Catalog (TM X-58062)	1971
Publications	Interagency Report 32 * Preliminary Report on the Geology and Field Petrology at the Apollo 15 Landing Site	1971
Publications	Lunar Sample Information Catalog Apollo 15 * MSC-03209	1971
Publications	Apollo 12 Organic Contamination History and Supplemental Report to Apollo 11 Organic Contamination History	1969
Publications	Interagency Report 28 * Documentation of the Apollo 14 Samples (Supersedes Interagency Report 27)	1971
Publications	Apollo 15 Lunar Samples * Collection of Papers from Science	January 28, 1972
Publications	Interagency Report Astrogeology 47 * Documentation of Apollo 15 Samples	1972
Publications	Apollo 16 Preliminary Lunar Surface Procedures	1971
Publications	Interagency Report Astrogeology 48 * Preliminary Report on the Geology and Field Petrology at the Apollo 16 Landing Site T-5874A	1972
Publications	Interagency Report Astrogeology 50 Preliminary Catalog of Pictures Taken on the Lunar Surface during the Apollo 16 Mission * T-5874A	1972
Publications	Interagency Report Astrogeology 51 Documentation and Environment of the Apollo 16 Samples A Preliminary Report T-5874A	1972
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Publications	Lunar Sample Information Catalog Apollo 16 & MSC 03210	1972
Publications	Lunar Sample Information Catalog Apollo 16 * MSC 03210	1972
Publications	Apollo 17 Results	1973

Publications	Interagency report Astrogeology 69 Preliminary Report on the Geology and Field Petrology at the Apollo 17 Landing Site	1972
Publications	Lunar Sample Information Catalog Apollo 17 * MSC-03211	1973
Publications	Apollo 17 Crew Debriefing for Science MSC-07632	1973
Publications	Apollo Mission J-3 (Apollo 17) Mission Science Planning Document Final	1972
Publications	Apollo Soyuz Test Project (ASTP) Composite of MSFC Final Science Report TM X-73360	1977
SubHeading:	Box Number: 24	
Publications	Gemini Summary Conference SP-138	1967
Publications	The Gemini Program Physical Sciences Experiments Summary TM X-58075	1971
Publications	The Gemini Program Biomedical Sciences Experiments Summary TM X-58074	1971
Publications	Shuttle OFT (Orbital Flight Test) Medical Report Summary of Medical Results from STS-1 STS-2 STS-3 and STS-4 * TM-58252	1983
Publications	Viking 1 Early Results SP-408	1976
Publications	Workshop on Research for Space Exploration Physical Sciences and Process Technology CP-207431	1998
Publications	Mars * Miscellaneous clippings and articles	1973-1997
Publications	Strategic Considerations for Support of Humans in Space and Moon / Mars Exploration Missions Volume 1	1992
SubHeading:	Box Number: 25	
Publications	Skylab Experiments Volume 1 Physical Science Solar Astronomy	1973
Publications	Skylab Experiments Volume 2 Remote Sensing of Earth Resources	1973
Publications	Skylab Experiments Volume 3 Materials Science	1973
Publications	Skylab Experiments Volume 4 Life Sciences	1973
Publications	Skylab Experiments Volume 5 Astronomy and Space Physics	1973
Publications	Skylab Experiments Volume 6 Mechanics	1973
Publications	Skylab Experiments Volume 7 Living and Working in Space	1973
Publications	Proceedings Third Space Processing Symposium Skylab Results Volume 1	1974
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SubHeading:	Box Number: 26	
Publications	Medical Support and Findings of the Skylab Program	1975
Publications	Medical Support and Findings of the Skylab Program * TM X-25160	1975
Publications	Skylab A EREP Users Handbook (Earth Resources Experiment Package) NASA-S-72-831-V	1972
Publications	Analysis of Surveyor 3 Material and Photographs Returned by Apollo 12 SP-284	1972

Publications	Surveyor Program Results SP-184	1969
Publications	Surveyor V A Preliminary Report SP- 163	1967
Publications	Surveyor VI A Preliminary Report SP- 166	1968
Publications	Spinoff - 1976	1976
Publications	Spinoff 1984	1984
Publications	The Crisis in Space and Earth Science A Time for a New Commitment A Report by the Space and Earth Science Advisory Committee	1986
Publications	SAE Technical Paper Series	1992, 1996
SubHeading:	Box Number: 27	
Publications	Extraterrestrial Life A Bibliography Part II Published Literature SP-7015	1965
Publications	Abstracts of the Fourth Microgravity Fluid Physics and Transport Phenomena Conference	1998
Publications	Johnson Space Center Strategic Game Plan Charting a Course to the Year 2000 and Beyond	1987
Publications	Study for Identification of Beneficial Uses of Space Phase I NAS8-28179	1973
Publications	Flammability Configuration Analysis for Spacecraft Applications NSTS-22648	1988
Publications	International Space Station Fact Book	1995
Publications	Technical Assessment of MIR-1 Life Support Hardware for the International Space Station TM-108441	1994
Publications	Orbital Debris (collection of articles)	1996-1997
Publications	Microbiology on Space Station Freedom NASA Conference Publication 3108	1989
Publications	Space Station Redesign Team Final Report to the Advisory Committee on the Redesign of the Space Station	1993
Publications	Operational Medicine and Life Sciences Onboard a Space Station	1983
Publications	Space Station Freedom Closed Life Support System Study - Final Report	1990
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Publications	Controlled Ecological Life Support System First Principal Investigators Meeting Conference Publication 2247	1981
Publications	Life Support Systems Aerospace Physiology for the Manned Space Systems Engineer Physiology Databook	1987
Publications	Life Experiments in Space	1986
Publications	Science Management Plan	1990
Publications	Report of the NASA Science Institutes Team Final Publication Incorporating Public Comments and Revisions	1996
Publications	Life Sciences Space Station Planning Document A Reference Payload for the Life Sciences Research Facility	1986
Publications	Life Sciences Division Strategic Implementation Plan	1989
Publications	Space Life Sciences Division Strategic Plan	1992
Publications	Various articles written by Edward Anders (3 folders)	1960-1975