

NASA JOHNSON SPACE CENTER ORAL HISTORY PROJECT

BIOGRAPHICAL DATA SHEET

NAME: Charles Alden Berry

ORAL HISTORY: 29 April 1999

EDUCATIONAL BACKGROUND:

B.A., University of California, Berkeley, CA, 1945

M.D., University of California Medical School, San Francisco, CA, 1947

Aviation Medicine Residency Training Program, Hamilton Air Force Base, California
(September 1951)

Completed Final Year of Aviation Residency Training Program at the Harvard School of
Public Health, Boston, (1955-1956)

Master of Public Health (Cum Laude), Harvard School of Public Health, Boston, MA,
1956

MILITARY EXPERIENCE:

Lieutenant Colonel; Senior Flight Surgeon, United States Air Force (1951-1963)

PRE-NASA CAREER:

Rotating Intern, University of California Service, San Francisco City and County
Hospital (1947-1948)

General Practice Medicine, Indio and Coachella, California (1948-1951)

Base Flight Surgeon and Deputy Command Surgeon, Caribbean Air Command, Albrook
Air Force Base, Canal Zone (1952-1955)

Department of Aviation Medicine, School of Aerospace Medicine, Randolph Air Force
Base, Texas

Assistant Chief (1956-1958)

Chief (July 1958-1959)

Chief of Flight Medicine, Office of the Surgeon General U.S. Air Force, Washington,
DC (1959-1962)

NASA CAREER:

Mercury Astronaut Selection Committee, Chief of the Department of Aerospace
Medicine, Randolph Air Force Base (1958-1959)

Aeromedical Monitor for Project Mercury Flight Operations (December 1959-date
unknown)

NASA Manned Spacecraft Center, Houston, Texas

Chief, Center Medical Operations Office (1962-1966)

Director of Medical Research and Operations (1966-1974)

Director of Life Sciences, NASA Johnson Space Center (1971-1974)

NASA MANNED SPACECRAFT CENTER APPOINTMENTS (1959-1971):

- Chairman, Incentive Evaluation Board for Medical Support Services, Kelsey-Seybold Clinic
- Medical Chairman, Apollo Mission Failure Contingency Plan
- Member, Incentive Evaluation Board for Fire Protection, Safety, and Ambulance Services, Houston Fire and Safety Equipment Company
- Member, Flammability Test Review Board
- Member, Customers Acceptance Readiness Review (CARR) Boards
- Member, Committee on Biotechnology of the Research Advisory Committees (NASA)
- Ex-Officio Member, Biomedical Subcommittee of the Science and Technology Advisory Committee (STAC), Office of Manned Space Flight, NASA Headquarters (NASA)
- Member, Incentive Evaluation Board for Protective Services, Wackenhut Services, Inc.
- Member, Interagency Advisory Committee on Back Contamination (NASA)
- Member, Altitude Chamber Final Approval Committee (ACFAC) (KSC/MSC)

POST-NASA CAREER:

Director, Harvard Public Health Alumni Association, Boston, Massachusetts (1968-1969)

President, Aerospace Medical Association (1969-1970)

President, University of Texas Health Science Center (1974-1977)

Professor and Chairman, Department of Aerospace Medicine, University of Texas Medical Branch, Galveston, Texas

Clinical Professor of Aerospace Medicine, University of Texas School of Public Health, Houston, Texas

CURRENT OCCUPATION: Physician; Medical Researcher; Author

PROFESSIONAL & HONORARY SOCIETIES:

- Member, American Medical Association (AMA)
- Member, Committee on Aerospace Medicine of the AMA
- Member/First Vice President/President, Aerospace Medical Association (ASMA)
- Member, American Academy of General Practice
- Member, American Institute of Aeronautics and Astronautics (AIAA)
- Member, Space Medicine Branch of Aerospace Medical Association (ASMA)
- Member, Awards Committee of the ASMA
- Member, Executive Council of the ASMA
- Member, American Public Health Association
- Member, Delta Omega (Honorary Public Health Society)
- Member, Nu Sigma Nu (Medical Fraternity)
- Member, Society of USAF Flight Surgeons
- Member, Harris County Medical Society, Houston, Texas
- Fellow, Aerospace Medical Association (ASMA)
- Fellow, American College of Preventive Medicine
- Fellow, The American College of Physicians

- Fellow, International Academy of Aviation and Space Medicine
- Fellow, International Academy of Astronautics
- Fellow, Pan American Medical Association
- Visiting Lecturer on Aerospace Medicine at the Harvard School of Public Health

INTERNATIONAL APPOINTMENTS & HONORARY SOCIETIES:

- Appointed, International Astronautical Federation (IAF)
- Member, Bioastronautics Committee of the IAF
- Full Member, International Academy of Astronautics of the IAF
- Member, Lunar International Laboratory (LIL) Committee of the International Academy of Astronautics of the IAF
- Member, International Academy of Aviation and Space Medicine
- Member, Pan American Medical Association
- Diplomate Member, Section on Preventive Medicine
- Chairman, Section on Space Medicine and Biology
- Board Member, Editorial Board of Space Life Sciences of the International Journal of Space Biology and Medicine
- Member, International Activities Committee of the ASMA
- Honorary Member, Australian Medical Society
- Honorary Member, Argentine Medical Society
- Honorary Member Brazilian Academy of Military Medicine

AWARDS & CITATIONS:

- The American Campaign Medal, 1957
- World War II Victory Medal, 1957
- National Defense Service Medal, 1957
- Navy Good Conduct Ribbon, 1957
- USAF Commendation Ribbon, 1957
- Wings of the Nicaraguan Air Force, 1957
- USAF Certificate of Achievement, 1957
- Certified Specialist on Aerospace Medicine by the American Board of Preventive Medicine, 1957
- Arnold D. Tuttle Award of the Aerospace Medical Association, 1961
- Special Aerospace Medicine Honor Citation from the American Medical Association, 1962
- USAF Certificate of Achievement, 1962
- NASA Exceptional Service Medal, 1965
- Hoyt S. Vandenberg Trophy of the Arnold Air Society, 1966
- The Louis H. Bauer Founders Award of the Aerospace Medical Association, 1966
- The Melbourne W. Boynton Award of the American Astronautical Society, 1966
- First Annual Round Table Award of the Raritan Valley Hospital, 1966
- Gold Medal of Czechoslovakian Academy of Medicine at Prague, 1966
- Gold Medal of the American College of Chest Physicians, 1966

- The John Jeffries Award, 1966
- The Hubertus Strughold Award, 1967
- Richard Hopper Day Memorial Medal, 1968

SELECT PUBLICATIONS*:

Berry, Charles A., M.D. "Perspectives on Apollo." In Biomedical Results of Apollo, eds. Richard S. Johnston, Lawrence F. Dietlein, and Charles A. Berry, 581-592. Washington, DC: NASA, 1975.

Berry, C.A., M.A. Berry, and A.N. Berry. "Disease risk factors and the flight surgeon—A strategy to keep pilots flying". National Foundation for the Prevention of Disease, Aeronautical and Space Medicine, vol. 21, 4th Quarter (1982) 292-296.

Johnston, Richard S., Lawrence F. Dietlein, and Charles A. Berry. Biomedical Results of Apollo. Washington, DC: NASA, 1975.

Sells, S. B. Ph.D. and Charles A. Berry, M.D., eds. Human Factors in Jet and Space Travel: A Medical-Psychological Analysis. Foreword by Oliver K. Niess, M.D. New York: Ronald Press Company, 1961.

Wong, K.R., C.A. Berry, M.G. Cogan. "Flow dependence of chloride transport in rat S1 proximal tubules". Department of Medicine, University of California, San Francisco (December 1995) F870-5.

Wong, K.R., C.A. Berry, and M.G. Cogan. "Alpha 1-adrenergic control of chloride transport in the rat S1 proximal tubule". Department of Medicine, University of California, San Francisco (June 1996) F1049-56.

Yedidia, M.J., C.A. Berry, and J.K. Barr. "Changes in physicians' attitudes towards AIDS during residency training: a longitudinal study of medical school graduates". Wagner Graduate School of Public Service, New York University, New York (June 1996) 179-91.

Zangwill, L., C.A. Berry, and V.S. Garden, R.N. Weinreb. "Reproducibility of retardation measurements with the nerve fiber analyzer II", Glaucoma Center, University of California, San Diego, La Jolla (December 1997) 384-9.

*Dr. Berry has authored more than 40 aerospace medical papers; and has published various chapters in full length books.

BIOGRAPHICAL REFERENCES:

Charles Moritz, ed. "Current Biography Yearbook," With Evelyn Lohr, Henry Sloan, Kieran Dugan, and Donna Lambson, eds., New York: The H.W. Wilson Company, 1969.

NASA Biographical Data Sheets for Charles A. Berry (1964; 1967; and 1969), Charles A. Berry Biographical File, History Collection, Scientific and Technical Information Center, Lyndon B. Johnson Space Center, Houston, TX.

Who's Who In America, 40th edition, V.1, s.v. "Berry, Charles Alden."

The International Who's Who 1979-80, 43rd edition, s.v. "Berry, Charles A., M. D."

BIOGRAPHICAL DATA SHEET CREATED: 8 JULY 1998