

# BIOGRAPHICAL DATA SHEET

**NAME:** Dr. George R. Carruthers

**MARITAL STATUS:** Unknown

**RESIDENCE:** Washington, DC

**EDUCATIONAL BACKGROUND:**

BS in Aeronautical Engineering, University of Illinois, 1961

MS in Nuclear Engineering, University of Illinois, 1962

Ph.D. in Aeronautical & Astronautical Engineering (Minor in Physics and Astronomy),  
University of Illinois, 1964

**PRE-NASA CAREER:**

Research and Teaching Assistant, Department of Aeronautical & Astronautical  
Engineering, University of Illinois (1961-1964)

**CAREER INVOLVEMENT WITH NASA:**

Astrophysicist, Space Science Division, Naval Research Laboratory, Washington, DC  
(1964-Present)

**CURRENT OCCUPATION:**

Senior Astrophysicist and Head of Ultraviolet Measurements Group, Space Science  
Division, Naval Research Laboratory, Washington, DC

Principal Investigator for the following orbital or lunar space flight investigations:

- Apollo 16 Far UV Camera/Spectrograph, 1972
- STS-39 Far UV Cameras Experiment, 1991
- High Resolution Shuttle Glow Spectrographs (HRSGS-A flown on STS-51), 1993
- Far Ultraviolet Imaging Spectrograph/Spartan-204 (STS-63), 1995
- Global Imaging Monitor of the Ionosphere/P91-1 (ARGOS) Satellite, 1998

**COMMITTEES:**

- NAS Space Science Board, 1972-1975
- NAS Space Science Board, Committee on Space Astronomy and Astrophysics, 1973-1976
- NASA Office of Space Science, Management and Operations Working Group for Shuttle Astronomy, 1974-1977
- NASA Space Telescope Faint-Object Spectrograph Instrument Definition Team, 1974-1977
- NASA AMPS (Atmospheres, Magnetospheres, and Plasmas in Space) Instrument Definition Team, 1974-1977
- NASA STARLAB Spacelab Ultraviolet/Optical Astronomical Telescope Facility Definition Team, 1977-1982

- NASA Spacelab Wide Angle Telescope Instrument Definition Team, 1978-1979
- NAS Astronomy Survey Committee, Ultraviolet-Optical-Infrared Panel, 1979-1980
- NASA-GSFC Space Station Users Working Group, Platform Panel, 1985-1987
- NASA Space Station Small Attached Payloads Working Group, Astrophysics and Space Physics Subcommittee, 1987-1989
- Astronomy and Astrophysics Survey Committee, UV-Optical From Space Panel, 1989-1990

**PROFESSIONAL & HONORARY SOCIETIES:**

- Member, American Astronomical Society
- Member, American Geophysical Union
- Member, American Institute of Aeronautics and Astronautics
- Member, American Association for the Advancement of Science
- Member, National Technical Association (Editor, NTA Journal)
- Member, National Society of Black Physicists
- Member, Science, Mathematics, Aerospace, Research, & Technology (S.M.A.R.T.) (Vice President and Registered Agent)
- Member, Sigma Xi (Scientific Research Society)
- Member, National Space Society
- Member, The Planetary Society
- Member, Council of the American Association for the Advancement of Science, Section D (Astronomy), 1993-1995
- Member, Council of the Smithsonian Institution (1994-1999)
- Member, Advisory Board, Center for the Study of Terrestrial and Extraterrestrial Atmospheres (CSTEA), Howard University (1993-)

**AWARDS & CITATIONS:**

- Arthur S. Flemming Award, Washington Jaycees, 1970
- Apollo 16 Exceptional Scientific Achievement Medal, NASA, 1972
- E. O. Hulburt Annual Science Award, NRL, 1972
- Warner Prize, American Astronomical Society, 1973
- National Civil Service League Exceptional Achievement Award, 1973
- Honorary Degree (Doctor of Engineering), Michigan Technological University, 1973
- Outstanding Young Alumnus Award, Department of Aeronautical and Astronautical Engineering, University of Illinois, 1974
- Alumni Honor Award for Distinguished Service in Engineering, College of Engineering, University of Illinois, 1974
- Samuel R. Cheevers Award, National Technical Association, 1976
- NRL Commanding Officer's Equal Employment Opportunity Award, 1986
- Black Engineer of the Year Award – Technical Contribution, 1987
- Honored Guest, Los Angeles Council of Black Professional Engineers Seventh Annual Educational Banquet, 1990

**BIOGRAPHICAL REFERENCES:**

George R. Carruthers, Curriculum Vitae, October 1997

George R. Carruthers, Resume, 1997