

Jeffrey R. Davis, MD, MS

Jeffrey R. Davis, MD, MS currently serves as Director, Human Health and Performance, and as the Chief Medical Officer for the NASA Johnson Space Center. The Human Health and Performance Directorate provides the research and technology development required for exploration as well as all human health and performance support to space flight operations of the International Space Station. The Directorate is also responsible for human health and performance research and technology development for new programs such as commercial space flight, the Multi Purpose Crew Vehicle (MPCV), and Advanced Exploration Systems. The core capabilities in the directorate include space medicine; biomedical research and countermeasures for the physiological changes induced by human exposure to reduced gravity; environmental monitoring for closed environments (air/water) and the external radiation environment; habitability and human factors; strategic planning, benchmarking, and communication; and open innovation/collaboration. The Directorate also provides occupational health and EAP services to the Johnson Space Center employees. Dr. Davis serves as the Director, NASA Human Health and Performance Center (NHHPC), a collaborative organization across government, industry, academia and non-profit organizations; and Deputy Director of the Center of Excellence for Collaborative Innovation (CoECI), a collaborative center to promote the use of prizes within the federal government.

Dr. Davis received his B.S. degree in Biology from Stanford University and M.D. degree from the University of California at San Diego. He also holds a Master of Science (MPH equivalent) degree from Wright State University. His residency training included internal medicine and aerospace medicine, and he is certified by the American Board of Preventive Medicine. Dr. Davis holds licenses to practice medicine in California and Texas. Dr. Davis' past positions include Professor, Preventive Medicine and Community Health at the University of Texas Medical Branch; Corporate Medical Director, American Airlines; and Chief, Medical Operations NASA Johnson Space Center. His national board participation has included service as the chair of the American Board of Preventive Medicine; chair of the Residency Review Committee for Preventive Medicine; president of the Aerospace Medical Association; and a member of the executive committee of the American Board of Medical Specialties. Dr. Davis is the senior editor of the text "Fundamentals of Aerospace Medicine" 4th edition. Additional publications are available on request.