

Jonathan B. Clark M.D., M.P.H.

Dr. Jonathan B. Clark serves as Space Medicine Advisor for the National Space Biomedical Research Institute (NSBRI), headquartered at Baylor College of Medicine. The NSBRI, a unique partnership between NASA and the academic and industrial communities, is advancing biomedical research with the goal of ensuring a safe and productive long-term human presence in space. By developing new approaches and countermeasures to prevent, minimize and reverse critical risks to health, the Institute plays an essential, enabling role for NASA.

Space is a challenging environment for the human body. During long-duration missions, astronauts face significant physical and psychological stresses and risks. Addressing these health concerns is at the heart of NSBRI's mission, and Dr. Clark plays a key role in guiding that mission. His professional interests focus on the neurologic effects caused by extreme environments and crew survival in space.

Dr. Clark worked as a Space Shuttle Crew Surgeon on six shuttle missions. He also was Chief of the Medical Operations Branch and an FAA Senior Aviation Medical Examiner at the NASA JSC Flight Medicine Clinic.

Dr. Clark served 26 years on active duty with the U.S. Navy. He qualified as a Naval Flight Officer, Naval Flight Surgeon, Navy Diver, U.S. Army parachutist and Special Forces Military Freefall parachutist.

He flew as a DOD Space Shuttle Support Flight Surgeon covering two space shuttle flights and flew combat medical evacuation missions in Operation Desert Storm with the U.S. Marine Corps.

Prior to joining NASA in 1997, Dr. Clark was Head of the Spatial Orientation Systems Department at the Naval Aerospace Medical Research Laboratory in Pensacola, Fla.; Head of the Aeromedical Department at the Marine Aviation Weapons and Tactics Squadron One in Yuma, Ariz.; and Head of the Neurology Division and Hyperbaric Medicine at the Naval Aerospace Medical Institute.

Dr. Clark is a Fellow of the Aerospace Medical Association and the American College of Preventive Medicine. He has an academic appointment as Clinical Assistant Professor in the Department of Preventive Medicine and Community Health at the University of Texas Medical Branch in Galveston, Texas. He also teaches operational space medicine at BCM's Center for Space Medicine.

He received his bachelor's degree from Texas A&M University in College Station, Texas; his medical degree from the Uniformed Services University of the Health Sciences in Bethesda, Maryland; and his master's degree in public health from the University of Alabama in Birmingham. He completed his internship and residency at Bethesda Naval Hospital. Dr. Clark is a board certified diplomate of the American Board of Psychiatry and Neurology and the American Board of Preventive Medicine.

Dr. Clark is Medical Director of the Red Bull Stratos Project, a manned stratospheric balloon freefall parachute flight test program, and Chief Medical Officer for Excalibur Almaz, an orbital commercial space company.