

Dr Jones is currently Professor in the Center for Space Medicine and the Department of Urology at Baylor College of Medicine; the Wing Surgeon for the US Navy Fleet Logistics Support Wing, and Chief of Urology in Operative Care Line at the Michael E DeBakey Veteran Affairs Medical Center. He has participated in over 3500 major surgical procedures, and currently chairs the MEDVAMC Robotic Surgical committee. He is on the faculty at the International Space University and has participated in >10 Summer Space Program sessions as Co-Chairman or Instructor.

He served 13 years as a NASA/JSC flight surgeon as crew surgeon, deputy crew surgeon, ascent/re-entry surgeon or has staffed the Mission Control Center Surgeon console during 25 Shuttle missions and 15 ISS increments. He served as the Lead Flight Surgeon for the International Space Station during the early ISS assembly phase, and then served as Lead for Exploration Medicine during Constellation. He also served on the Crew Exploration Vehicle Cockpit Working Group and Crew Safety team in the Vehicle Integration Office for the Orion vehicle design. During his time at NASA/JSC he also led the Countermeasures and Radiation Health Working Groups for the Multilateral Medical Operations Panel and the NASA/JSC Integrated Product Teams. He supported the Extra Vehicular Activity (EVA) Office in development of advanced suit architecture and injury prevention research, Desert RATS, as well as several NEEMO (NASA Extreme Environment Mission Operations) including diving and mission control-Capcom.

He has served with multiple units as a navy and air force flight surgeon and fleet marine forces officer, during his 28 Navy career including Fleet Hospital 21, USMC squadrons AH-1 Cobra/ UH-1 Huey: HMLA-773, HMLA-775, F/A-18 Hornet: VMFA-112, EA-6B Prowler: VMAQ-3 and 4, C-130: VMGR-234; US Navy C40/C-130 squadrons in the Fleet Logistics Support Wing and VR-59, T-6/34/45: CNATRA (Naval Air Training Command); USAF/ANG squadrons F-16: 111<sup>th</sup> fighter squadron Texas Air National Guard, served as Chief of Aeromedical Medicine for the 147<sup>th</sup> Medical Squadron. He was Executive Officer, Commanding Officer and Senior Medical Officer for medical in Marine Air Groups 41 and 42, Officer in Charge for the Flight Light Aid Station in Al Asad, Al-Anbar Province during Operation Iraqi Freedom. He has supported and been a crewmember during expeditions to both the Arctic and Antarctic including the Houghton Mars Project, to Devon Island, and Operation Deep Freeze to Amundsen Scott South Pole Station. He has logged over 500 hours flight time in 27 different fixed and rotary wing military aircraft, and including NASA T-38 and O-g aircraft. He served as Human Factors advisor on the Military Spaceplane Project at Peterson AFB, CO.

He has been an active researcher, author and speaker with > 250 peer-reviewed abstracts, publications and book chapters and > 200 invited addresses and scientific sessions moderated. He was an invited participant in the Mars Exploration Planning and Advisory Group, Mars Architecture Team- Surface Ops and Crew Health, and also was an investigator on the Lunar Mars Life Support Test Program, and Detailed Support Objectives for Shuttle in support of Orion. He has active research projects for radiation and musculoskeletal health countermeasures, and is principle or co-investigator on multiple NCI/SWOG and industry-sponsored clinical oncology studies.