Derek Nusbaum, MD

Derek Nusbaum is a resident physician in Aerospace Medicine at the University of Texas Medical Branch. He completed an Internal Medicine residency at the Baylor College of Medicine in Houston, Texas and, while there, completed a Ph.D. in Neuroscience and Space Physiology.  His research during and following graduate school focuses on the physiologic and functional changes of impaired visual function and elevated intracranial pressure associated with long-duration spaceflight.  He received his B.A. in Biological Sciences from Northwestern University in Chicago, Illinois, with a concentration in Neurobiology and his medical degree from Michigan State University College of Human Medicine.  He is an associate member of the Center for Space Medicine at the Baylor College of Medicine, a member of the American College of Physicians, a resident member of the Space Medicine Association and an Associate Fellow of the Aerospace Medical Association (where he has participated as the Deputy Chair of the Education and Training Committee, as well as a member of the Science and Technology Committee, the Corporate and Sustaining Membership Committee, and the Long Range Planning Committee). He has received the Space Medicine Association Wyle Scholarship in honor of Robert Ellis, the Jeffrey R. Davis, M.D., Aerospace Medicine Endowed Scholarship, the International Association of Military Flight Surgeon Pilots Scholarship, the Space Medicine Association Jeffrey R. Davis Scholarship, and the Aerospace Medical Association/Aerospace Medicine Student and Resident Organization Scholarship.

Dr. Nusbaum has special interests in remote/mobile, international, and travel medicine and has spent time working in Zambia, Botswana, Tanzania, Costa Rica, and Nepal, utilizing telemedicine to improve access to medical care for underserved areas of the world.  For his efforts, he has received multiple grants, including the Christus Foundation for Healthcare, Hitoshi Nikaidoh, M.D. Memorial Endowed Scholarship.

Dr. Nusbaum has recently served as the Medical Coordinator for the Wings Over Houston Airshow and has acted as medical support for missions at the Aquarius Underwater Laboratory off the coast of Key Largo, Florida. He is also a volunteer physician at the San Jose Free Clinic in Houston and works part time as an instructor for medical students on ultrasound imaging techniques for use in austere environments. In his free time, he enjoys SCUBA diving, running and hiking and is currently completing his private pilot certification and Class A parachuting certification.