Brian Davis has over 30 years' experience with NASA exercise countermeasures research, medical devices, sensor-based systems, and biomedical engineering. He has represented the field at the international level, including serving as President of the International Society of Biomechanics from 2005 to 2007. At the Cleveland Clinic he held the position of Vice-Chairman of the Department of Biomedical Engineering, with particular research interests in NASA life sciences research and orthopedic biomechanics. After being a staff scientist at the Cleveland Clinic for 18 years, he assumed the position of Vice President and Director of the Medical Device Development Center within the Austen BioInnovation Institute in Akron. In 2012 this transitioned to the role of Chairman of Biomedical Engineering at The University of Akron where he continued his research in sensor-based systems. Currently he is the Associate Dean and Professor of Mechanical Engineering at Cleveland State University. He is a senior member of the team that received $2,000,000 from the National Science Foundation that focuses on a new approach for training graduate students in the area of rehabilitation engineering. Over the course of his career, he has served as Principal Investigator on research grants totaling over $25,000,000.