**Judith Hayes, MPH**

Judith Hayes is the NASA Biomedical Research and Environmental Sciences Division Chief in the Human Health and Performance Directorate at the Johnson Space Center (JSC).  She came to JSC in 1984 as a research scientist in the Neurosciences Laboratory. She established the JSC Exercise Physiology Laboratory in 1987. She was principle investigator on two Space Shuttle experiments studying the effects of microgravity on skeletal muscle performance in astronauts. During her career she managed the physiology laboratories, Reduced Gravity Programs, Space Medicine Project, and integration of biomedical research for the Space Shuttle, Russian Mir-Shuttle, and International Space Station programs.   In addition to JSC, she managed NASA laboratories at the Gagarin Cosmonaut Training Center in Star City, Russia.

She works closely with NASA’s international partners in negotiations of multiple international contracts the Japanese (JAXA), European (ESA), and Canadian (CSA) to provide ISS medical and experiment support.  She is a member of the International Countermeasures Working Group for developing global standards for spaceflight exercise and research.

Judy is the Director of the Space Life Sciences Summer Institute at JSC, an educational series for summer interns, undergraduate, graduate, and medical students.  She has published papers and book chapters related to spaceflight exercise physiology.  Over the years, she has lectured for various graduate programs at University of Texas Medical Branch and the University of Texas-School of Public Health, as well as various training programs for NASA flight surgeons and astronaut candidates.

Judy earned a Bachelor of Science and Master of Science in Exercise Physiology from West Virginia University followed by a Master of Public Health degree in Occupational Health/Aerospace Medicine from the University of Texas Health Sciences Center.  She completed a joint fellowship at The Royal College of Surgeons of England and the London School of Hygiene and Tropical Medicine supporting epidemiologic research in the development of clinical practice guidelines for the National Health Service in the United Kingdom.  She has been awarded the NASA Silver Snoopy and WVU Outstanding Alumnus. She was inducted into the WVU Hall of Fame and the WVU Academy of Distinguished Alumni.

She has been an AsMA member since 1986 and is an Associate Fellow. She currently serves as Space Medicine Association Executive Committee Secretary and has previously served as a Member-at-Large.