

Dr. Camille Wardrop Alleyne is the Founder and CEO of Arusha Space, LLC, an early-stage space technology startup focused on developing trusted, AI-driven autonomy solutions for next-generation space missions. As a founder, she is building Arusha Space from the ground up, shaping its technical vision, strategic partnerships, and long-term growth strategy at the intersection of artificial intelligence, spacecraft and robotic autonomy and geospatial lunar and planetary mapping. She is an accomplished and results-driven executive and former senior leader at NASA who dedicated her 29-year career at leading change and advancing the areas of aerospace and space technology development. She was a leading architect in the commercialization of space, enabling multi-billion dollar space economies in low earth orbit and on the moon at NASA, Johnson Space Center. She served as the Deputy Program Manager for the Commercial LEO Development Program and the Commercial Lunar Payload Services initiative, in addition to the Assistant Deputy Associate Administrator for Programs in the Science Mission Directorate.

Dr. Alleyne is a visionary leader and globally recognized for her expertise in the areas of space, science and technology applications in sustainable development of emerging nations. She is also a change maker in revolutionizing global science and space education for women and girls, inspiring them to be the next generation of scientists and engineers - work she does through the Brightest Stars Foundation, a 501(c)(3) organization she founded in 2007. Dr. Alleyne's collective work has spanned many regions, globally, and she has impacted the lives of tens of thousands of young people around the world.

She holds a Bachelor of Science in Mechanical and Aerospace Engineering from Howard University, a Master of Science in Mechanical Engineering from Florida A&M University, a Master of Science in Aerospace Engineering from the University of Maryland, College Park and a Doctorate in Educational Leadership from the University of Houston. She serves on several public and private sector boards and has received numerous awards and commendations from national and international organizations including several achievement medals for her contributions to NASA's missions.