

Camille Wardrop Alleyne, Ed.D.

Founder | Entrepreneur | Rocket Scientist | Speaker | Humanitarian

Dr. Camille Wardrop Alleyne is the Founder and CEO of **Arusha Space, LLC**, a pioneering company developing advanced artificial intelligence solutions to transform space exploration and defense missions. Arusha Space operates at the intersection of artificial intelligence, spacecraft and robotic autonomy operations beyond Earth.

A distinguished and results-driven executive, Dr. Alleyne brings over 29 years of experience in aerospace and space technology leadership, including as a senior leader at NASA. She played a pivotal role in the commercialization of space, enabling multi-billion-dollar economies in low Earth orbit and on the Moon. Her leadership included roles as **Deputy Program Manager** for both the **Commercial LEO Development Program** and the **Commercial Lunar Payload Services Initiative**, as well as **Assistant Deputy Associate Administrator for Programs** in NASA's Science Mission Directorate. Early in her career, Camille also served as the Orion Crew Module Systems Engineering, Integration and Test Manager and the Associate Program Scientist for the International Space Station.

Beyond her technical achievements, 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.

Dr. Alleyne 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**.

Born in **Trinidad and Tobago**, Dr. Alleyne is also a licensed **Private Pilot**. Her accolades include being a **finalist in the NASA Astronaut Selection Program**, serving on numerous public and private sector boards, and receiving multiple awards and honors from national and international organizations. Among her distinctions are several NASA Achievement Medals for her contributions to human spaceflight missions. She also serves as a **Space and Science Public Diplomat** for the U.S. State Department's Speaker Program and has been recognized by the **L'Oréal Group** as one of 45 leading Caribbean women and by the **National Institute of Higher Education, Science and Technology (Trinidad and Tobago)** as a Caribbean icon in science and technology.