

Camille Wardrop Alleyne, Ed.D.

Rocket Scientist | Speaker | Humanitarian



Dr. Camille Wardrop Alleyne is a rocket engineer, space scientist, internationally-acclaimed speaker, writer, educational leader and science ambassador whose accomplishments in the field of space exploration have been extraordinary. In the highly technical fields of science and engineering where women are in the minority, she is one of the most-recognized women in aerospace engineering and one of the few women of color to serve in a senior technical management position at NASA.

Dr. Alleyne has dedicated her 25-year career to advancing the areas of aerospace and space technology development, specifically in the fields of human space flight, space vehicle systems engineering, integration and testing and space research. Dr. Alleyne is also an expert in the areas of space, science and technology application in international development, specifically focused on developing countries.

Dr. Alleyne is renowned for her work on global STEM education for girls, which she does through The Brightest Stars Foundation founded in 2007. This is a non-governmental organization dedicated to educating, empowering and inspiring young women to be future leaders through the study of science, math and technology. 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.

Dr. Alleyne, who was born in Trinidad and Tobago, is a licensed Private Pilot whose accomplishments include being a Finalist in the 2004 Astronaut Selection Program. She has received numerous awards and commendations from national and international organizations including being awarded Outstanding Woman in Aerospace by the National Society of Black Engineers; Distinguished Alumni award from FAMU/FSU College of Engineering; Women of Color in STEM All-Star Technology Award. She is recognized as one of the Caribbean's icons in Science and Technology.