Dava Newman

MIT Apollo Professor of Astronautics, Former NASA Deputy Administrator & Director of the MIT Media Lab

"Superstars and genius comes in all forms and shapes"

Dr. Dava Newman is the Apollo Program Professor of Astronautics at the Massachusetts Institute of Technology in Aeronautics and Astronautics and the Institute for Data, Systems and Society as well as a Harvard-MIT Health, Sciences, and Technology faculty member.

TOPICS:

- Human Exploration from Earth to Mars: Becoming Interplanetary
- Exploring Space for Earth: Earth's Vital Signs Revealed
- Making Space for Innovation: From NASA to Mars & Beyond
- Leaders: Women in STEAMD (Science-Technology-Engineering-Arts-Math-Design)
- Engaging in Teamwork to Help Shape the Next Generation
- Lessons in Leadership from NASA, Science, Art & Creativity
- Accelerating Positive Change for Spaceship Earth
- Designing an Innovative Spacesuit for the Moon and Mars: Research & Development
- From Rocket Scientist and Engineer to NASA Deputy Administrator: Innovating @ NASA
- Circumnavigation: Sailing Galatea 36,000 nm Around the Planet - Exploration via Sea

LANGUAGES:

She presents in English.

IN DETAIL:

Best known for her second skin BioSuit planetary EVA system, her advanced spacesuits inventions are now being applied to "soft suits" to study and enhance locomotion on Earth. Dr. Newman co-founded EarthDNA with partner Guillermo Trotti to accelerate solutions for spaceship Earth's Ocean, Land and Air subsystems by curating near-space satellite data to make the world work for 100% of humanity. She served as NASA Deputy Administrator from 2015-2017, nominated by President Obama and unanimously confirmed by the U.S. Senate. Dr. Newman was the first female engineer and scientist to serve in this role and was awarded the NASA Distinguished Service Medal. She championed the human journey to Mars, technology and innovation, and education.

WHAT SHE OFFERS YOU:

Dr. Newman?s research in multidisciplinary aerospace biomedical engineering investigates human performance across the spectrum of gravity, including space suits, life support and astronaut performance.

HOW SHE PRESENTS:

Dr. Newman has a passion for science and exploration which is demonstrated in her dynamic, powerful and hugely popular presentations.