



MOONSHOT: Astronaut Enrichment for the Apollo Generation

OneOrbit recognizes that space is for every generation from our youngest to our oldest. Yet, without the efforts of the Apollo Generation space exploration as we know it today would not have been possible. Nothing inspires us to live well like an astronaut and we want your residents to know they have the ability to achieve their dreams while acknowledging their contribution to exploration. We're a premier provider of space education, with astronaut speakers and NASA certified Master Science teachers. Our ability to custom fit our programs to client's needs allows for an adaptive approach for any facility.

Astronaut Keynotes:

To the Moon! -- *Apollo and the Future of Space Exploration* – In 1969, Apollo 11 landed the first humans on the Moon. This epic feat is still the most-watched live event, with over 500 million television viewers worldwide and hundreds of million more radio listeners! The Apollo program changed the world forever. It inspired Leroy Chiao at age 8 to dream about one day becoming an astronaut himself. Relive history through Dr. Chiao's personal stories and experiences. Find out what current work is being done by nations and commercial companies to send humans back to the Moon and beyond. Where will these explorations lead? Chiao offers a behind-the-scenes look at the exciting future of space exploration



The Journey! -- *Exploring Heritage in Space*– Born in the United States, Leroy Chiao was the first NASA astronaut of full Chinese heritage. The wide-eyed child of immigrants, Chiao was inspired by the Apollo 11 Moon landing to launch his own journey to the stars. But his journey was not simple or easy. He overcame obstacles and challenges, and had to make the right choices as a young person. Hear firsthand how he persevered, succeeded and soared into space. Chiao flew on three Space Shuttle missions, walked in space six times, co-piloted a Russian spacecraft and was afforded the honor of commanding the International Space Station on a six-and-a-half month mission. Dr. Chiao's story is an inspiration to all!



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Astronaut Academy for the Apollo Generation:

Astronaut developed activities for all explorers of any age. Space exploration enthusiasts, fans of NASA's Space program, and those nostalgic for all things space absolutely love this program! OneOrbit will provide a NASA astronaut to deliver their signature keynote address and lead space themed lessons in large or small groups. Individuals who come to these events will be as inspired as those who bring family members along for the ride. We take pride in our on-site programs and customize academies to fit your needs.

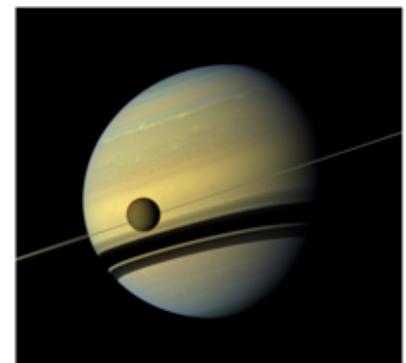
Lift Off with an Astronaut! -- How did we get to moon? Celebrate NASA's 50th Anniversary of Apollo 11 with a real NASA astronaut and launch into the next generation of rockets. Families and individuals will design, build and launch their own rockets and see if they have what it takes to get to the Moon and beyond! Your resident cans feel the childhood adventure of the moon landing. They'll enjoy hands on science, adventure and be invited to share their own experiences. The Apollo Generation can reach for the stars again!



Moon & Mars Exploration with an Astronaut! Space travel is the most difficult task that humans of ever completed. Learn about the challenges of exploring the Moon and Mars. Scientists believe billions of years ago, Mars may have supported life. Explore the challenges of flying to another planetary body. Your residents can design, build, and test an exploration lander!

Discover Moons and Exoplanets with an Astronaut!

Earth isn't the only planet with a special moon. Look inside and outside of our solar system and discover some other moons and planets that might contain water and be located in the special habitable temperature zone, similar to our home planet. Families and individuals will create their own solar system art project for an out of this world experience.



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OneOrbit Academy Sample:

Two-Day Onsite Academy for Residents and Family Members:

"Astronaut Enrichment for the Apollo Generation"

OneOrbit will provide two events per day for two consecutive days. An Events is either an Astronaut Keynote or Space Exploration Enrichment activity. In addition, OneOrbit will provide a community presentation for residents and their family members and potential clients. We even had customers invite a local school to this event to connect the Apollo generation with the Mars generation!

- "Astronaut Keynote" Presentations (Approximately 1 hr and includes photos and autographs)
- Space Exploration Enrichment Activities (Approximately 1 hr and includes photos)
- Community Presentation "The Journey! Exploring Heritage in Space" (Approximately 1 hr and includes photos)

OneOrbit Principals:



Dr. Leroy Chiao is a former NASA astronaut and International Space Station (ISS) commander. He has logged over 229 days in space on four space missions, six spacewalks supporting ISS design and construction. Educated as an engineer, he has held leadership positions at NASA, in technology companies, and startups. He is an expert on leadership and technology.

Additionally, Dr. Chiao holds academic appointments at Rice University and the Baylor College of Medicine. He speaks three languages including Mandarin Chinese and Russian. In 2009, he served on the White House appointed Review of U.S. Human Spaceflight Plans Committee, and currently serves on the NASA Advisory Council.



Jami Sunkel is a professional educator and NASA-certified Master Science teacher holding Master's degrees in both Curriculum & Instruction and Educational Leadership. Jami has over a decade of teaching experience, as well as three years' experience as an STEM Education Specialist in Colorado Springs, Colorado. Space science education, leadership, and effective teaching have always been her passion. Jami recently received the 2019 Rocky Mountain Chapter American Association of Aeronautics and Astronautics Educator of the Year Award.