



# Go for Launch!

Developing Teamwork, Communication & Leadership Through Science, Technology, Engineering & Math



Presented in Partnership with the  
San Diego Air & Space Museum  
January 6-7, 2018

8am - 6pm Daily  
Students Grades 8-12



**Orbital ATK**

Special thanks to Orbital ATK for their sponsorship of this series!

**Join us for a space-inspired camp!**

An exciting and memorable 2-day event that gives high schoolers the opportunity to work with an Astronaut and other space professionals!



# ARE THERE HANDS ON ACTIVITIES?

Student teams will work together on collaborative activities before or after nearly every talk to earn daily awards. Each team will work together over the three days to define and design their own space experiment & present their ideas to a panel of judges from the Space & STEM fields. The judges will choose a winner from each Go For Launch! event. The experiment will go on to compete against other projects from the same series and the winning experiment will be launched into space!

# WHAT IS IT?

A 2-day program, running 8am-6pm each day, that uses Space Exploration as a platform to launch student involvement in:

- STEAM (Science, Technology, Engineering, Art & Math)
- Teamwork
- Communication
- Leadership

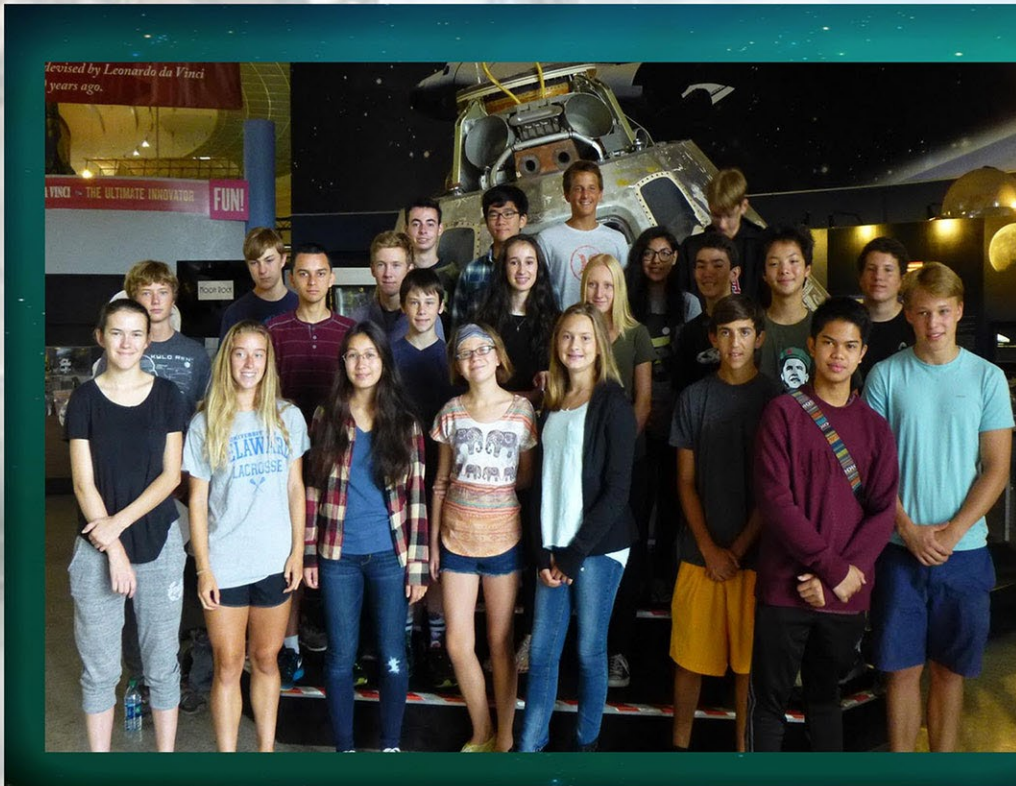
# WHAT CAN I EXPECT?

Learn about human spaceflight directly from experts in the fields of space & STEM including:

- An Astronaut and Astronaut Instructor
- International Space Station Flight Controller
- Scientists and Engineers

Get personalized insight and feedback from experienced space and STEM professionals whose goals are to illustrate the numerous possibilities that exist in the world of STEM.

Work with a real live astronaut for both days!



# WHY SHOULD I ATTEND?

Go For Launch! is a unique and memorable experience. Space inspires! The Go For Launch! experience gives students experience and skills that can lead to success in any venture that requires imagination, leadership, teamwork, and problem solving skills.

# HOW CAN I LEARN MORE?

Higher Orbits is looking forward to bringing Go For Launch! to San Diego! For further details, visit [www.GoForLaunch.Space](http://www.GoForLaunch.Space), email [GoForLaunch@HigherOrbits.org](mailto:GoForLaunch@HigherOrbits.org) or call **707.893.STAR**.





# MEET THE TEAM



## FRANK CULBERTSON

### RETIRED ASTRONAUT

Captain Frank Culbertson (US Navy, Retired) flew as the pilot on STS-38 and the Commander of STS-51. He then served as the Shuttle-Mir Program Manager before flying to the International Space Station as the Commander of Expedition 3. Today, Culbertson serves as the President of the Space Systems Group at Orbital ATK. To learn more, visit [www.AstronautFrankCulbertson.com](http://www.AstronautFrankCulbertson.com).



## MICHELLE LUCAS

Michelle spent 10 years working at NASA primarily in International Space Station (ISS) Flight Control Operations Planning and as an Astronaut Instructor in the Daily Operations Group. Her passion for inspiring students led to extensive work with other organizations in STEM outreach. She then decided to form Higher Orbits to continue to work to inspire students about the wonders of STEM through spaceflight.



## FRANCIS FRENCH

Francis French is a book and magazine author from Manchester, England, specializing in space flight history. He is a former director of events for Sally Ride Science, and a director at the San Diego Air & Space Museum. French's space history writing is noted for the amount of personal interviews with astronauts and cosmonauts, including Wally Schirra, Gordon Cooper, Scott Carpenter, and Pavel Popovich. In addition, French is a contributor to the magazine of the British Interplanetary Society, and is a Fellow of the society. He is also an inductee of both the astronaut branch of the Ancient Order of Turtles and the US Space & Rocket Center's Space Camp Hall of Fame.



## SHALENE BAXTER

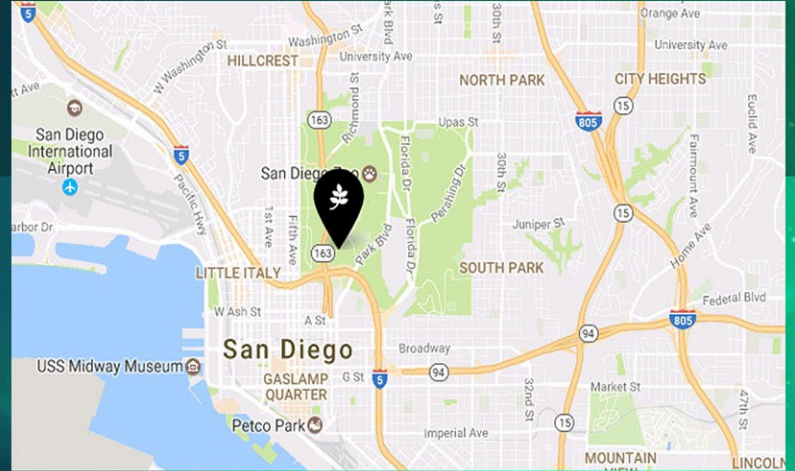
Shalene Baxter is the Education Specialist for the San Diego Air & Space Museum. She received her B.A. in Liberal Studies from Cal State University San Marcos, and has worked in the field of both formal and informal education for over 18 years. While working at the Museum, Shalene had the opportunity to experience a Zero-G weightless flight and has met numerous astronauts including Neil Armstrong, Buzz Aldrin, and Gene Cernan all of which she will never forget.

**Others to Be Announced  
Check the Website!**



LOCATION:

## San Diego Air & Space Museum 2001 Pan American Plaza | San Diego, CA 92101



### San Diego Air & Space Museum's Mission - Preserve, Inspire, Educate, Celebrate!

Preserve significant artifacts of air and space history and technology.

Inspire excellence in science, technology, engineering and mathematics.

Educate the public about the historical and social significance of air and space technology and engage its promise for the future.

Celebrate aviation and space flight history and technology.

Aviation history is truly a remarkable story, and it all unfolds at the San Diego Air & Space Museum. Your journey through the history of flight begins as you stand beneath a model of the Montgolfier brothers' hot air balloon of 1783 - the first manned vehicle in recorded history to break the bonds of gravity and lift humans above the Earth. Rare specimens of aircraft suggest the excitement of air combat in the World War I Gallery. Marvel at the entertaining and dangerous antics of the barnstormers of the 1920s in the Golden Age of Flight Gallery. Mint condition aircraft in a mint condition museum - a Spitfire Mk.

XVI, a Navy F6F Hellcat and an A-4 Skyhawk jet - these beautifully restored airplanes help you appreciate the increasingly complex technology represented in the classic military aircraft of World War II, Korea and Vietnam. The Museum's display of space age technology, like the desire to journey to the stars, may never be finished, for it represents an adventure which the human race has truly just begun.

**LEARN MORE:** @higherorbits | @spacechelle | #GoForLaunch  
(707) 893-STAR | PO Box 4092, VA 20177



**Higher Orbits**

#### ABOUT HIGHER ORBITS

Higher Orbits is a 501(c)(3) non-profit organization that connects aspiring students with space leaders, astronauts and scientists through leadership and team-building programs focused on Science, Technology, Engineering & Math.