

Learn from  
astronauts  
and other  
experts!

3 Days to  
Explore &  
Discover!



Science  
Technology  
Engineering  
Math

For High  
School  
Students

# Go For Launch!

Jan 14th-16th  
2017

Don't  
miss it!

# Go For Launch!

## WHAT IS IT?

A 3-day program, running 9am-5pm each day, that uses Space Exploration as a platform to launch student involvement in:

- STEM (Science, Technology, Engineering, & 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 two or three full days.

## 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 division and the winning experiment **will be launched into space!**

## 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 Virginia! 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



**Michelle Lucas** worked at NASA in International Space Station (ISS) Flight Control Operations Planning and as an Astronaut Instructor. Michelle was part of the Core NASA Extreme Environmental Missions Operations (NEEMO) team for nine missions. Her passion for inspiring students led to extensive work in STEM outreach. She decided to form Higher Orbits to continue to work to inspire students about the wonders of STEM through spaceflight.

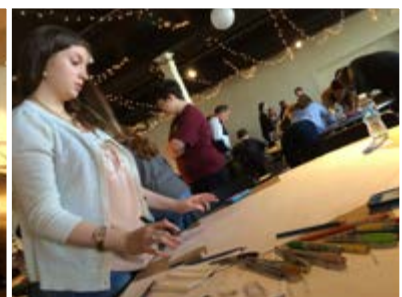


**Frank Culbertson** is an engineer, fighter pilot, astronaut (retired) and executive in the aerospace industry. Culbertson flew as the pilot on STS-38 and Commander of STS-51. He served as the Program Manager for the Shuttle Mir Program. In 2001, Culbertson was the Commander of ISS Expedition 3. Today he works as the President of Orbital ATK's Space Systems Group.



**Don Thomas** became an astronaut in July 1991. He was CAPCOM (spacecraft communicator) for three Shuttle missions. From July 1999 to June 2000 he was Director of Operations for NASA at the Gagarin Cosmonaut Training Center in Russia. A veteran of four space flights, he has logged over 1,040 hours in space as a Mission Specialist.

...and more! See website for details



“I am very excited to be invited to support Go for Launch! I know that this will be a great opportunity for students in the local area to learn more about spaceflight, and more importantly, to learn what the challenges and possibilities are for their own futures in science, technology, engineering, and math. Participants will be exposed to and inspired by several experienced professionals in these fields, and have the chance to have ALL their questions answered. As for me, I am looking forward to sharing my experiences in space with them, but mostly I look forward to what I will learn from the students...and I always do learn from them!”

-Frank Culbertson Astronaut (retired) & Orbital ATK SSG President



www.GoForLaunch.space  
or email GoForLaunch@  
higherorbits.org

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