

# Go For Launch!

AUGUST 5-7, 2016 • BLUEGRASS COMMUNITY & TECHNICAL COLLEGE



## Join us for a space-inspired camp!

An exciting and memorable 3-day event that gives high schoolers the opportunity to work with an Astronaut and other space professionals!



## THE MISSION

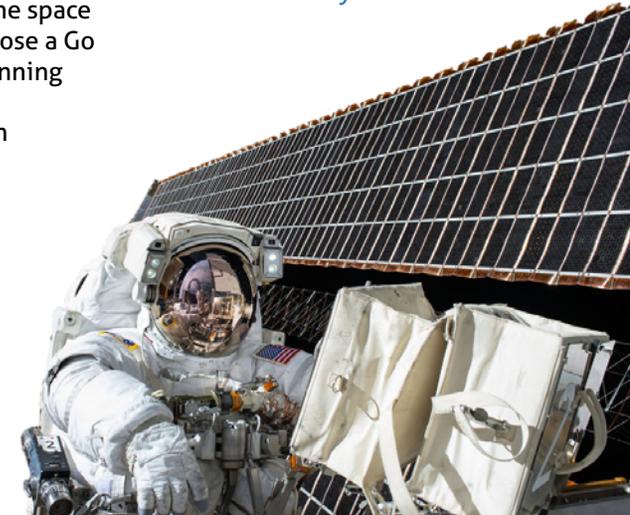
Go For Launch! is a 3-day program (8 hours each day) organized by Higher Orbits that uses Space Exploration as a platform to launch student involvement in Science, Technology, Engineering and Math (STEM), STEAM (Art), Teamwork, Communication, and Leadership.

Students will participate in the following activities:

- **Educational & Inspirational Talks** delivered by experts in the fields of space & STEM – such speakers have included an Astronaut, Former International Space Station (ISS) and Space Shuttle Flight Controllers, Astronaut Instructors, Scientists, and Engineers
- **Insight and feedback** from experienced space & STEM professionals whose goals are to illustrate the numerous possibilities that exist in the world of STEM
- **Face-to-face interaction with an astronaut** for two, if not all three, days
- **Collaborative activities** where team members must work together to complete tasks for daily awards. These tasks are designed to build leadership and teamwork skills, as well as enhance team communication
- **A culminating design project**, where each team must define and design a space experiment for competition by a panel of judges from the space & STEM fields, who will choose a Go For Launch! winner. This winning experiment design will be competed against others in the same Go For Launch! Division and the overall winning experiment will be launched to ISS.

“**Opportunities like this are just what young future scientists and engineers need to motivate them to pursue their dreams.**

– Astronaut (retired)  
Jerry Ross



## THE TEAM



### Frank Culbertson

Captain Culbertson is an American former naval officer and aviator, test pilot, aerospace engineer, and NASA engineer. He served as the Commander of the International Space Station for almost four months. He is currently a President of the Space Systems Group at Orbital ATK. Culbertson has logged over 146 days in space.



### 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. She formed Higher Orbits in 2013 to continue to work to inspire students about the wonders of STEM through spaceflight.



### Twyman Clements

Twyman is President and CEO of Space Tango, Inc., a Lexington, Kentucky based company focused on utilizing space for solutions on Earth. Previously Twyman served as lead Space Systems engineer with Kentucky Space LLC.



### Kris Kimel

Kris is a co-founder of Space Tango and serves as the Chairman of the Board. He is also President and founder of the Kentucky Science Technology Corporation (KSTC), an independent non-profit with a reputation for designing and executing ambitious and diverse initiatives in science, technology, entrepreneurship, and disruptive innovation.



### Ellie Puckett

Ellie is the Director of Business Operations at Space Tango, Inc., where she contributes to business operations planning, marketing planning, and sales systems planning.

## THE LOCATION

**Bluegrass Community & Technical College (BCTC)**  
**164 Opportunity Way, Lexington, KY 40517**

Bluegrass Community & Technical College offers a first-rate, affordable and convenient postsecondary education. BCTC has more than 40 programs of study that can lead to high-wage, high-demand careers at six campuses within a 30-minute drive of 95% of Central Kentuckians. Our college offers students many choices for classes, courses, programs, and training for a better life ahead. Whether students are looking for a good paying job or taking courses to transfer to a four-year college or university, they will benefit from BCTC's caring, experienced professors, helpful staff, and excellent facilities. Through comprehensive and responsive programs and services, the college sustains a strong partnership with our communities to improve economic vitality and quality of life in the region.

## SPONSORS



Space Tango

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Higher Orbits  
through science, technology, engineering & math

## ABOUT HIGHER ORBITS

[www.HigherOrbits.org](http://www.HigherOrbits.org)

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.

**Register online! [www.GoForLaunch.space](http://www.GoForLaunch.space)  
or contact [GoForLaunch@higherorbits.org](mailto:GoForLaunch@higherorbits.org)**

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