

Learn from
astronauts
and other
experts!

3 Days to
Explore &
Discover!

Students can register for
only \$25 thanks to generous
sponsorship of Durham
County Library.



Science
Technology
Engineering
Art
Math

For Grades
8-12



DURHAM COUNTY
Library

Presents:

Go For Launch!

August 16-
18, 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:

- 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 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 Durham! For further details, visit www.GoForLaunch.Space, email 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.



Mike Foreman brings 40 years of Federal Government service as a NASA astronaut, Naval Officer, Project Manager and Leader to the Higher Orbits Cislunar Board. He holds multiple degrees in Engineering and is a distinguished graduate of the U.S. Naval Test Pilot School. Mike has flown more than 7,000 hours in over 50 different aircraft. Career highlights include 17 years as a NASA Astronaut.



Matt Clobridge is currently the head of technology for Durham County Library after spending four years as the library's webmaster. Prior to working at the library, he spent time in television news as a video editor/director and in education as a technology specialist. A life-long space geek, Matt is thrilled to be able to bring Go For Launch! to Durham County students.



“Durham County Library is excited to bring Go For Launch! back to Durham. After the success of the first program in April, we wanted to provide an opportunity for even more students to learn from and work with an astronaut. We’re looking forward to seeing what experiments the students develop, and hopefully, seeing one of them launch to the International Space Station!”
– Matthew Clobridge, Head of Technology, Durham County



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