



# Go for Launch!

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



Presented in Partnership with



**BOYS & GIRLS CLUB**  
of  
Fitchburg and Leominster

**February 21-22, 2018**

**8am - 6pm each day**

**Students Grades 8-12**

Cost is only \$50  
per student thanks  
to generosity of  
local sponsors!



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

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

## 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 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 two 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?

For further details, visit [www.GoForLaunch.Space](http://www.GoForLaunch.Space), email [GoForLaunch@HigherOrbits.org](mailto:GoForLaunch@HigherOrbits.org) or call **707.893.STAR**.



GO FOR LAUNCH!

MEET THE TEAM



## **DONALD THOMAS, PH.D.**

**ASTRONAUT (Retired)**

Selected by NASA in January 1990, Dr. Thomas became an astronaut in July 1991. Dr. Thomas has served in the Safety, Operations Development, and Payloads Branches of the Astronaut Office. He was CAPCOM (spacecraft communicator) for Shuttle missions STS-47, 52 and 53. From July 1999 to June 2000 he was Director of Operations for NASA at the Gagarin Cosmonaut Training Center in Star City, Russia. A veteran of four space flights, STS-65, STS-70, STS-83 and STS-94, he has logged over 1,040 hours in space as a Mission Specialist. [ohioastronaut.com](http://ohioastronaut.com)



## **TARA SWEENEY**

Tara Sweeney is a 1991 graduate of Fitchburg High School. She owns a technology test and evaluation company; owns a 3D-printing business; is a member of a parabolic flight crew that conducts microgravity flights; and is a retired United States Air Force officer. Tara holds degrees from the United States Air Force Academy, the University of North Carolina at Chapel Hill, and Regis University. She enjoys private aviation, and is an advocate for the importance of STEM/STEAM.



## **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.

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



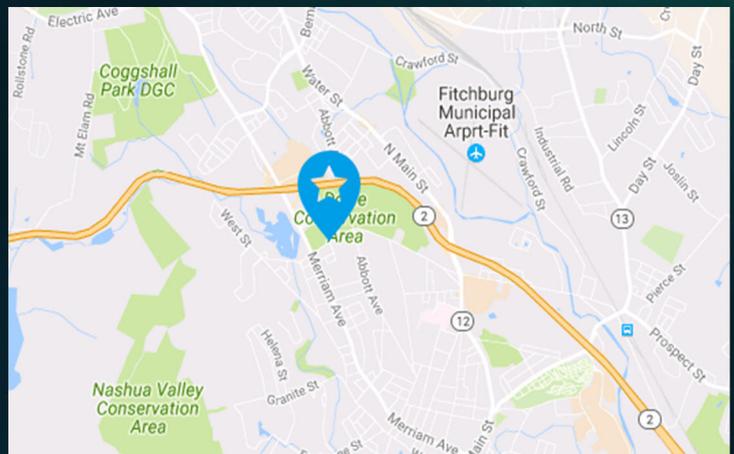
**Higher Orbits**

### **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.

LOCATION:

**Boys & Girls Club of Fitchburg & Leominster  
365 Lindell Ave | Leominster, MA 01453**



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

### SPONSORS

