



Go for Launch!

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



Deerfield High School
June 20-22, 2017
9am - 5pm Daily

Students grades 8-12 from all schools welcome!



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!

MEET THE TEAM



DONALD THOMAS, PH.D. RETIRED ASTRONAUT

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



MICHELLE LUCAS

Michelle Lucas spent 10+ years working at NASA's Johnson Space Center. First as part of the International Space Station (ISS) Payload Safety Review Panel (PSRP) and then in the Mission Operations Directorate as a Flight Controller in ISS Mission Control and as a Astronaut Instructor in the ISS Daily Operations Group. Additionally she worked with each of the International Partners (European Space Agency – ESA, Japanese Space Agency – JAXA and the Russian Space Agency) in the field of Daily Operations, Flight Controller and Instructor Training. Michelle was part of the Core NASA Extreme Environment Mission Operations (NEEMO) team for 9 missions where astronauts would carry out analog space missions underwater in the Aquarius habitat. Along the way, Michelle found she has a passion for launching the next generation's dreams and ambitions. Her passion for inspiring students led to extensive work with other organizations in STEM outreach so she founded the non-profit Higher Orbits to use space to excite and inspire students about STEM, Leadership, Teamwork and Communication. Michelle is proud to be a Space Camp Alum and member of the Space Camp Hall of Fame. She believes that collaboration in space and STEM is the key to the stars! Space Inspires!

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

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 San Diego! For further details, visit www.GoForLaunch.Space, email GoForLaunch@HigherOrbits.org or call **707.893.STAR**.



GO FOR LAUNCH!



Higher Orbits

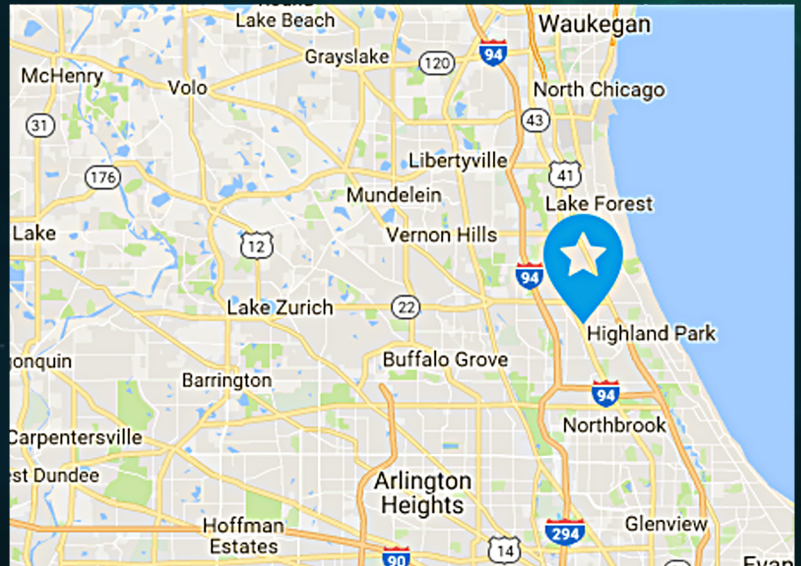
ABOUT HIGHER ORBITS

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:

Deerfield High School
1959 Waukegan Rd, Deerfield, IL 60015



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

SPONSORS



Space Tango

