



# HIGHER ORBITS GO FOR LAUNCH! SPRING GROVE, IL

PRESENTED IN  
PARTNERSHIP WITH

**SCOT FORGE**



JULY 20-21, 2021

TURTLE CREEK  
7908 WINN ROAD  
SPRING GROVE, IL 60081  
8:00AM-6:00 PM EACH DAY  
OPEN TO STUDENTS IN GRADES 8-12  
VISIT [WWW.HIGHERORBITS.ORG](http://WWW.HIGHERORBITS.ORG) FOR  
FULL INFORMATION & TO REGISTER  
INCLUDES LUNCH, SNACKS, DRINKS,  
SUPPLIES, T-SHIRT, EVENT MISSION PATCH,  
SPACE SWAG BAG AND MORE!



COMPETE TO HAVE YOUR  
EXPERIMENT FLOWN TO THE  
INTERNATIONAL SPACE STATION!

LEARN FROM ASTRONAUTS  
AND OTHER EXPERTS!



**MATH**

**ENGINEERING**

**TEAMWORK**  
**COMMUNICATION**

**LEADERSHIP**  
**SCIENCE**

**TECHNOLOGY**

EXPLORE AND  
DISCOVER!

#GOFORLAUNCH | @HIGHERORBITS | (707) 893-STAR | PO BOX 4092, LEESBURG, VA 20177

TO FIND OUT MORE AND REGISTER VISIT: [WWW.GOFORLAUNCH.SPACE](http://WWW.GOFORLAUNCH.SPACE) OR EMAIL [GOFORLAUNCH@HIGHERORBITS.ORG](mailto:GOFORLAUNCH@HIGHERORBITS.ORG)

\*SCHOLARSHIPS MAY BE AVAILABLE FOR THOSE WHO HAVE FINANCIAL NEED. PLEASE CONTACT US FOR DETAILS

# WHAT IS IT?

A program that uses Space Exploration as a platform to launch student involvement in:

- STEAM (Science, Technology, Engineering, Art & Math)
- Teamwork
- Communication
- Leadership



# 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 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.



# 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 each day of the event.

# THE TEAM



Mike Foreman brings 40 years of Federal Government service as a NASA astronaut, Naval Officer, Project Manager and Leader to the Higher Orbits Cislunar Beard. 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. Mike flew on two NASA Space Shuttle missions where he conducted five spacewalks totaling over 32 hours outside the vehicle performing International Space Station assembly tasks.



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.



[www.GoForLaunch.space](http://www.GoForLaunch.space)

Check website  
for more  
information!