



Higher Orbits

# Go For Launch!

#GOFORLAUNCH

@HIGHERORBITS

GOFORLAUNCH@HIGHERORBITS.ORG

## MIDLAND

JUNE 11-12, 2024

ABELL JH LIBRARY  
3201 HERITAGE BLVD. MIDLAND, TX

8AM-6PM EACH DAY

STUDENTS IN GRADES 8-12  
FROM EVERYWHERE  
WELCOME. STUDENTS  
MUST ATTEND THE FULL  
DAY EACH DAY OF THE EVENT

- TEAMWORK
- COMMUNICATION
- TECHNOLOGY
- LEADERSHIP
- MATH
- SCIENCE
- ENGINEERING



LEARN FROM ASTRONAUTS AND OTHERS

COMPETE TO HAVE YOUR IDEAS LAUNCHED INTO SPACE

EXPLORE AND DISCOVER

INCLUDES LUNCH, SNACKS, DRINKS, SUPPLIES, T-SHIRT, EVENT MISSION PATCH, SPACE SWAG BAG AND MORE!



# Go For Launch!

## THE TEAM



### ASTRONAUT JAMES "JR" REILLY

Astronaut Jim Reilly is a geologist and retired Astronaut who flew as a Mission Specialist on 3 Space Shuttle missions: STS-89, STS-104, STS-117. He has logged over 853 hours in space, including 5 spacewalks totaling 31 hours and 10 minutes. Prior to NASA, he served as chief geologist at Enserch Exploration, Inc., working on projects around the world. He has been active in geological research in Antarctica and on the continental slope of the Gulf of Mexico.



### MICHELLE LUCAS, FOUNDER & CEO HIGHER ORBITS

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.

#### 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.

#### 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.



CHECK WEBSITE FOR  
MORE INFORMATION!



Higher Orbits

WWW.HIGHERORBITS.ORG