

# Peak Area Leadership in Science

Professional Development Opportunities  
for Secondary Science Teachers

## Three Ways to RSVP:

- [www.sciencehubs.org](http://www.sciencehubs.org)
- email: [RSVP@sciencehubs.org](mailto:RSVP@sciencehubs.org)
- call Tammy Johnnie at  
(719) 337-1552

# From Runway to Orbit: Teaching the Science of Flight and Space

Saturday, April 18, 2026

UCCS Department of Mechanical and Aerospace Engineering

1420 Austin Bluffs Parkway, University of Colorado Colorado Springs, 80918.

8:30 am – 2:00 pm

Presented by:

LYNNANE E. GEORGE, PhD, Associate Professor, Mechanical and Aerospace Engineering



College of Engineering  
and Applied Science

UNIVERSITY OF COLORADO COLORADO SPRINGS

## HIGHLIGHTS

- ★ Basics of flight
- ★ Demo of Bernoulli Effect
- ★ Demo of Coanda Effect
- ★ Build a Sandpiper Glider
- ★ Drone, Wind Tunnel and Space System Lab Demos
- ★ Free Fall Demos
- ★ Newton's Laws
- ★ Orbital Mechanics
- ★ Glider Flyoffs - win prizes!
- ★ Teaching Resources
- ★ Door Prizes and/or Teacher Materials

## Remember to Bring...

- Your science notebook\*! And pen or pencil.
- Clothing & shoes appropriate for activities
- Any personal items you may need during the meeting.
- Bring your own lunch.

\* PALS provides a free science notebook at your first meeting of the year!



This workshop is made possible by GENEROUS funding from the

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to Improve Technical Knowledge and Skills**

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[www.sciencehubs.org](http://www.sciencehubs.org)

Photo at top provided by Rose DiCenso.

*Under the conditions of our liability insurance, children of participants may not attend Hub meetings or activities.*

**PLEASE** – If you sign up for this hub meeting and have to cancel, contact TAMMY asap. – **PLEASE**