

# I-DRONE 2018

March 29-30

East Junior High School  
5600 E Warm Springs Ave,  
Boise, ID 83716

Free



## ATTENTION Middle & High School Students, Come pilot drones for fun & research!

Drones, also known as UAVs (Unmanned Aerial Vehicles), are a new form of entertainment and also used extensively for research and work projects.

In this two-day workshop you will learn the basic DOs and DON'Ts of drone flying, how to build a drone, program with code and practice the basics of flying a drone.

This class is free and open to grades 7-11.

- Build and fly UAVs | Learn with new friends | Epic STEM experience!
- See Idaho from a drone's eye view
- Find solutions to problems
- Understand regulations

*Presented by the University of Idaho College of Agriculture and Life Sciences and College of Education, Health and Human Sciences*

Register today at [www.bit.ly/idrone18!](http://www.bit.ly/idrone18!) >>

Registration is open until March 10, 2018

Questions?

Jae Ryu • U of I Boise • [jryu@uidaho.edu](mailto:jryu@uidaho.edu)

## WELCOME STUDENTS!

Join us for a gathering of students, experts and researchers interested in Unmanned Aerial Vehicles (UAVs) also known as Drones.

Have a great time with new friends, learn to build and fly drones, and gain experience in Science, Tech, Engineering, and Math.

**Meet Jae Ryu, Professor, U of I CALS.**

Contact him at [jryu@uidaho.edu](mailto:jryu@uidaho.edu)



### DAY ONE

**9-10 a.m.**

**WELCOME! Meet the Experts:** Real world drone professionals share their craft

**10 a.m. –noon**

**Breakout Sessions**

- **FLIGHT STATION:** Fly tiny drones in simulated scenarios
- **RESEARCH DRONES:** Learn how drones are used in research
- **POSTER CHALLENGE:** Make a poster spotlighting sci-fi & future drone applications

**Noon- 1 p.m.**

**Lunch, Rules & Regulations:** Find out what you need to fly by the rules

**1-2 p.m.**

**Breakout Sessions:** FLIGHT, RESEARCH, POSTER

**2-4 p.m.**

**BUILD YOUR DRONE!** Use a kit to build, program with code, and fly your own UAV

**4-5 p.m.**

**Flex time:** BUILD, FLIGHT, POSTERS, EXPERTS

**5 p.m.**

**Dismiss**

- \*Unscheduled breaks throughout Day One & Two

### DAY TWO

**9-9:30 a.m.**

**Morning Warm Up & Ice Breakers**

**9:30-10:30 a.m.**

**Breakout Sessions:** FLIGHT, BUILD, POSTER

**10:30-11 a.m.**

**Snacks with Experts**

**11 a.m. – noon**

**Breakout Sessions:** FLIGHT, BUILD, POSTER

**Noon – 1 p.m.**

**Lunch with Experts**

**1-2 p.m.**

**Breakout Sessions:** FLIGHT, BUILD, POSTER

**2-3 p.m.**

**Take a break, talk to experts. Field trip scheduled if the weather permits**

**3-5 p.m.**

**Poster Presentation and Good-Bye Social**

**5 p.m.**

**Dismiss**

