



The Internet of Things for Precision Agriculture  
an NSF Engineering Research Center

## RESEARCH EXPERIENCE FOR TEACHERS (RET)

Hosted by the Internet of Things for Precision Agriculture Center

- Program dates:** June 20 - August 18 (8 weeks)
- Program location:** University of Pennsylvania
- Who is eligible:** Philadelphia-based K-12 STEM teachers

### Program details:

- RET participants will receive an **\$8,000 stipend**, along with a parking/transportation supplement for the summer and access to a \$1,000 materials budget for sensor and robotics kits
- RET participants are expected to commit **200 hours over eight weeks** of the summer
- Half of participants' time will be spent **conducting research** with a Penn Engineering project in the IoT4Ag Center (e.g. sensors, robotics, energy and communication devices)
- Half of participants' time will be dedicated to training on K12 agricultural sensor and robotics kits, plus **developing curriculum** to use the kits in the classroom and for wider distribution via [TeachEngineering.org](https://TeachEngineering.org)

## HOW TO APPLY:

Submit a resume and letter of interest via the [Application Form](#)  
by Friday March 24, 2023 at 5:00 pm ET

**[www.IoT4Ag.us/RET](http://www.IoT4Ag.us/RET)**

For more information, email us at [IoT4Ag@seas.upenn.edu](mailto:IOT4Ag@seas.upenn.edu)