

## UC COOPERATIVE EXTENSION

Serving El Dorado, Amador, Calaveras and Tuolumne counties

311 Fair Lane, Placerville, CA 95667

(530) 621-5502 office, (888) 764-8669 fax

[cecentralsierra@ucanr.edu](mailto:cecentralsierra@ucanr.edu)<http://cecentralsierra.ucanr.edu>

University of California

Agriculture and Natural Resources ■ 4-H Youth Development Program

## Press Release Template

### El Dorado County Youth to Explore Wearable Tech in World's Largest Youth-Led STEM Challenge

***By taking part in the tenth annual 4-H National Youth Science Day, they will join 100,000 other youth in discovering the field of wearable technology***

Placerville (August 30, 2017) --- Youth in El Dorado County will join approximately a hundred thousand youth across the country in leading the tenth annual *4-H National Youth Science Day*

(*4-H NYSD*) challenge. This year's challenge, called *Incredible Wearables*, introduces youth to the burgeoning field of wearable fitness trackers in a hands-on, interactive design challenge.

El Dorado County youth will conduct the *Incredible Wearables* challenge on September 30<sup>th</sup> beginning at 1 p.m. at the Placerville Library. Designed by the University of Nebraska-Lincoln, *Incredible Wearables* allows youth to work together to design, build and refine a wearable fitness tracker that is easy-to-use and aesthetically appealing. *Incredible Wearables* will teach youth a wide variety of skills related to engineering a wearable device, including building circuits, integrating sensors, designing a viable product and interpreting health data.

4-H NYSD is the world's largest youth-led engineering design challenge, drawing nearly 100,000 participants in 2016. In addition to the event in El Dorado County, youth will conduct the challenge at hundreds of local events in all 50 states, and in countries around the world. National 4-H Council will host the flagship national event on October 4 in New York City.

The 2017 4-H NYSD national partners are HughesNet®, Lockheed Martin and U.S. Cellular.

All youth are invited to participate in 4-H NYSD. Additional information can be found at [UCANR.EDU/EDCNYS](http://UCANR.EDU/EDCNYS)

#### About California 4-H

*4-H, the nation's largest youth development organization, grows confident young people who are empowered for life today and prepared for career tomorrow. 4-H programs empower nearly six million young people across the U.S. through experiences that develop critical life skills.*

*The California 4-H program is a part of the University of California Division of Agriculture and Natural Resources (UC ANR), a statewide network of the University of California. UC ANR researchers and educators are dedicated to the creation, development and application of knowledge in agricultural, natural and human resources.*

*Led by research-driven programming from UC ANR, 4-H is a youth development organization for youth ages 5-19 that promotes hands-on, experiential learning. Youth members and adult volunteers from all backgrounds and locations in California are welcome. Members have the opportunity to participate in the 4-H program through afterschool programs, community clubs, camps, events, conferences, and military partnership programs.*