



Institute for Teaching Through  
Technology and Innovative Practices



LONGWOOD  
UNIVERSITY

**June 22-23, 2015**

8:30 AM - 3:30 PM

LONGWOOD UNIVERSITY  
FARMVILLE, VA

ITTIP Presents:

# Flying With Finch

Professional Development on Finch  
Robotics for Grades 6 —12 Teachers

This professional development opportunity for middle and high school teachers will allow you to learn how to use the Finch robot and provide you with a loaner set of Finch robots to use with your class. Teachers will receive a \$200 stipend for attending the two-day training session and 12 recertification points. ITTIP staff will observe teachers during the school year to see how they are implementing Finch in their classrooms.

The [Finch](#) is a new robot for computer science education. Its design is the result of a four-year study at Carnegie Mellon's CREATE lab. The Finch is designed to support an engaging introduction to the art of programming. It has support for over a dozen programming languages and environments.

The Finch was designed to allow students to write richly interactive programs. On-board features include:

- Light, temperature, and obstacle sensors
- Accelerometers
- Motors
- Buzzer
- Full-color beak LED
- Pen mount for drawing capability
- Plugs into USB port - no batteries required

Please register at: <https://www.surveymonkey.com/s/finch2015>

*This opportunity is made possible through support from the Verizon Foundation.*