



# APPLES

Arctic Plant Phenology  
Learning through Engaged Science

## Arctic Plant Phenology - Learning through Engaged Science Summer workshop June 26-29, 2017 University of California, Davis

Teachers will have the opportunity to engage and collaborate with leading polar research scientists and science educators. You will spend 4 days at the University of California, Davis learning about the study of phenology – the seasonal dynamics of plants and animals – in the Arctic to understand ecological impacts of climate change.

Focusing on the 3-dimensions of NGSS, you will engage in inquiry-based activities that replicate approaches used by scientists in investigating key environmental processes linked to species survival.

With support from the APPLES team, you will develop a research project to implement with your students in the 2017-2018 academic year. The classroom research project will incorporate concepts from the workshop, arctic data collected by Dr. Eric Post and students, and methodology and equipment (experimental warming chamber, plant phenology camera ) used by researchers.



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## \$500 Stipend for Teachers

This workshop is limited to 12 participants, so register early!

Deadline: May 15<sup>th</sup>, 2017



### Teacher Benefits:

- Activities emphasize the 3-dimensions of Next Generation Science Standards
- Lodging and meals are provided during the workshop; travel support available
- \$500 stipend for attending teachers
- Equipment needed to carry out classroom research projects

For more information visit [applesproject.org](http://applesproject.org) or contact Pernille Sporon Boving at [boving@ucdavis.edu](mailto:boving@ucdavis.edu)

Apply Here: [www.csats.psu.edu/overview-of-csats-programs/summer-workshops](http://www.csats.psu.edu/overview-of-csats-programs/summer-workshops)



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