SUMMER TEACHER INSTITUTE 2015

Linking teachers and scientists in plant research to enrich student learning

Discover how BTI’s research and education resources can be integrated into middle and high school classrooms.

Be inspired this summer at the Boyce Thompson Institute as you join educators from across the nation and prominent scientists. Use cutting-edge science in a week-long exploration of connections among plant sciences, agriculture, bioenergy, biotechnology, environment, genetics, and education.

JULY 13 – JULY 17

Curriculum Development Projects in Plant Biology
Curriculum Development Projects in Plant Biology

The CDP summer institute brings together researchers and teachers to learn, design, and implement curricula aligned with Next Generation Science Standards that integrate the study of plant model systems and STEM learning. Participants receive access to BTI-developed plant experiment kits, lesson plans, teaching materials, and faculty expertise.

SEMINAR TOPICS AND CURRICULUM:

- Algae and Biodiesel
- Biotechnology and US Agriculture
- Epigenetics: It’s a ball!
- Biofuel Grasses to Sugar
- Next Generation Science Standards
- Plant Insect Interactions
- Plants, Pathogens, and Proteins
- Research in the Classroom
- Tours of BTI and Cornell University
- Research and Field Facilities

We invite teachers who are interested in bringing novel research and active, project-based learning into their classrooms to apply. Participants receive campus housing, some meals, a travel award, and stipend upon completion of the program. Participants can earn up to 70 professional development credit hours.

Learn more and apply today
at: bti.cornell.edu/teachers
email: bti_education@cornell.edu
or call 607-254-6732