

## 2017 Teacher Summer Programs

### **CATALySES: Emerging Pathogens**

*Two-week research program for high school teachers from June 18-30*

*\$1300 stipend upon successful completion*

[www.cpet.ufl.edu/teachers/catalyses](http://www.cpet.ufl.edu/teachers/catalyses)

CATALySES: Emerging Pathogens focuses on infectious diseases and translational research, from discovery-based research to clinical therapeutics. This project creates and expands partnerships that connect university researchers with high school teachers to promote students' interest in and preparation for science careers. This innovative program integrates experiences from a summer Institute into classroom action during the school year.

CATALySES is funded by the National Institutes of Health Science Education Partnership Award to support science teachers in ongoing opportunities for personal enrichment and professional advancement in biomedical education, building on and extending partnerships that connect University of Florida researchers in Emerging Pathogens, Clinical and Translational Science, and Education with schools throughout the state.

### **Humanities and the Sunshine State: Teaching Florida's Climate**

*One-week program for all educators from June 19-23*

*Cost: \$100; includes double hotel accommodations on the UF campus and most meals*

[www.cpet.ufl.edu/teachers/humanities-and-the-sunshine-state](http://www.cpet.ufl.edu/teachers/humanities-and-the-sunshine-state)

This interdisciplinary summer seminar supports educators in developing informed and novel approaches to teach about climate change in both formal and informal education settings. Through field trips and hands-on activities, explore changes to Florida's waters evidenced in forests, springs, and coastal areas, and discuss how these changes impact future Floridians across the state. This seminar pairs leading scholars and Master Teachers from the humanities and ecological sciences to give educators the tools to observe and analyze environmental change and bring perspectives from culture, history, and ethics to address and adapt to our contemporary challenges.

The Humanities and the Sunshine State educator program is offered in partnership with the Florida Humanities Council's Educator Workshop Series with major funding provided by the Florida Humanities Council.

## 2017 Student Programs

### **Explorations in Biomedical Research**

*Two-week research program for students entering grades 11 and 12 from July 16-28*

*Cost: \$1000 commuter; \$2000 residential*

This program focuses on translational research, from discovery-based research to clinical therapeutics. This program connects high school students to researchers in interdisciplinary biomedical sciences to promote interest in and preparation for bioscience careers.

### **Florida Youth Institute**

*One-week residential program for students entering grades 11 and 12 from July 9-14 OR July 16-21*

*Cost: \$350*

FYI immerses students in various agriculture, life science, and natural resources disciplines to stimulate interest in and an appreciation for the range of college majors and career opportunities available in these areas. This program is sponsored by the UF College of Agricultural and Life Sciences.

### **Humanities and the Sunshine State: Florida Water Stories**

*One-week residential program for students entering grades 11 and 12 from June 11-17*

*Cost \$350*

For this program, selected participants will explore how Florida's past has shaped the present and how today's actions affect the future of the state. Planned activities include visits to special collections, field trips to local Florida landmarks, and social activities at the university. Support for this program was provided by the Humanities Council, Center for the Humanities and the Public Sphere and the College of Liberal Arts and Sciences.

### **Research in Environmental Toxicology**

*Two-week research program for students entering grades 11 and 12 from July 16-28*

*Cost: \$1000 commuter; \$2000 residential*

This program connects university researchers and students to promote interest in and preparation for environmental science-related careers. Students will engage in a series of activities which highlight the relationship between biological, chemical, and engineering processes needed to mitigate current environmental concerns.

### **Science Quest**

*One-week themed residential program for students entering grade 10 from June 25-30 OR July 9-14*

*Cost: \$850 per session*

This program immerses students in various science disciplines to stimulate their interest and appreciation for the range of college and career opportunities available in science. Students will attend a variety of lectures and demonstrations, visit research laboratories and

other facilities, and perform multiple science experiments. Students may attend one or both weeks of Science Quest, each with its own individual theme: biological sciences and physical sciences.

**Student Science Training Program**

*Seven-week residential research experience for students entering grade 12 from June 11-July 29*

*Cost: \$4500*

SSTP is research program for students considering medicine, math, computer, science, or engineering careers. The program emphasis is research participation with a UF faculty and his or her research team. Students engage in the ongoing research of the faculty-mentor for 30 hours/week, attend a lecture series on current research topics, and participate in a UF honors seminar class.