

University of Florida  
Center for Precollegiate Education and Training  
Student Science Training Program  
Yon Hall Room 334  
PO Box 112010  
Gainesville, FL 32611-2010

# University of Florida Student Science Training Program

**Summer Residential  
Research Opportunity**

**June 14 - August 1, 2009**



**Outstanding science students  
currently in grades 10 or 11 are  
invited to...**

## ***Study***

**at one of the top public research  
facilities in the country**

## ***Participate***

**in group activities and  
make life-long friends**

## ***Live***

**on the University of Florida  
campus for seven weeks**

## ***Perform***

**hands-on research with a  
faculty mentor to learn  
science from scientists**

## ***Program Information***

The University of Florida Student Science Training Program (UF-SSTP) in Gainesville, Florida, is a seven-week residential research program for up to 100 selected rising seniors and qualified juniors who are considering science or engineering careers. The program emphasis is research participation with a UF faculty research scientist and his/her research team.

The UF-SSTP offers the motivated student a unique and intensive learning environment designed to provide challenging and inspiring experiences, to develop leadership qualities, and to stimulate interest in science-related careers.

Students live in residence halls on campus. They engage in all aspects of authentic research and supplement their learning by attending interdisciplinary lectures and seminars on topics including technical writing and ethics.

Weekend events include social activities, sports and field trips to Disney World, Busch Gardens, the Ichetucknee River, and other Florida places of interest.

## ***UF-CPET***

The mission of the University of Florida Center for Precollegiate Education and Training (UF-CPET) is to identify, support, coordinate and create university and statewide programs that promote excellence in science, mathematics and technology for inservice teachers and for talented students, and to forge partnerships among schools, institutions of higher education and the community.

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

## Research

The research component of the UF-SSTP matches the student with a faculty mentor doing field, bench and/or computer research. Working with UF research teams provides excellent leadership models and opportunities.

Students become immersed in their assigned topic of study through individual instruction, lab meetings, discussion groups, and experimental library and Internet research. They learn basic safety techniques, use lab equipment, plan and do research, and communicate their work in oral and written forms. Florida students in participating schools may earn three-dual credit enrollment hours for their Lab work.

## Lectures and Seminars

In a daily lecture/seminar series, university scientists highlight the concepts, experimental approaches and applications of current research in a broad spectrum of disciplines. Lecture topics presented in the past include: *Newton and the Apple, Some Thoughts on the Origins of Life, Spinal Cord Injury and Repair, Physics is Fun!, Chemistry is a Gas!, Health Care Ethics, Structural Biology as a Tool in Biomedical Sciences, Feline AIDS Virus: Its Discovery to Vaccine Development, and Human Behavior Revealed Through Neurobiology of Addiction.*

All participants will attend a three-credit Interdisciplinary Honors Seminar which is available as Dual Credit Enrollment for students from participating Florida high schools; other students have the option of completing the course on a Pass/Fail basis.

## Housing

Participants and residential staff live in the Beaty Towers Residence Hall on the UF campus. Each suite has two double-occupancy bedrooms, kitchen and living area, and bathroom. Participants provide the majority of their own meals.

## Recreation

Program-sponsored social and recreational activities allow participants to relax and share their experiences. Planned activities include: dances; a talent show; costume, pizza, and pool parties; covered dish dinners; ice cream socials; concerts; a student-professor reception; and an awards banquet. Students also plan individual activities during free time. Participants may use some of the recreational facilities of the university.

## Eligibility and Application Information

Applicants must be 16 years old and enrolled as a current sophomore or junior in high school and designated gifted or high achieving. Additional copies of this brochure and application materials will be sent upon request and may also be downloaded from our website at:

<http://www.cpet.ufl.edu/sstp>

Application forms and materials must have original signatures.

UF does not discriminate on the basis of race, creed, gender, handicap or national origin.

### Other CPET Programs:

See our website at [www.cpet.ufl.edu](http://www.cpet.ufl.edu) for information about additional outreach programs for teachers and students.

## Daily Schedule and Planned Weekends

A sample workday schedule is outlined below.

### Monday - Friday

<b>8:00 AM - 9:15 AM</b>	<b>Lectures/General Sessions</b>
<b>10:00 AM - 4:30 PM</b>	<b>Lab Research</b>
<b>7:30 PM - 9:00 PM</b>	<b>Focus Group Sessions, Seminars, or Ethics Forum</b>
<b>8:00 PM -11:00 PM</b>	<b>Social (Friday)</b>

*Students participate in field trips each Saturday and have free time on Sundays.*

## Cost

Costs for the 51<sup>st</sup> Annual SSTP (tuition, fees, and housing) are \$3,500 per student. Included in this total is an Activity Fee for tickets, transportation and meals for field trips; weekly social activities and events, group picture, and T-shirt. Limited financial aid may be available.

Personal spending money (\$100-\$200) for the session is sufficient. Grocery/food money and transportation costs for travel to and from Gainesville are the responsibility of the students and their families.

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