



FloridaLearns STEM Scholars

Summer Extended STEM Opportunities

1. University of Florida - Student Science Training Program

June 8 – July 26, 2014

SSTP is a seven week residential research program for selected rising juniors and seniors who are considering medicine, math, computer, science, or engineering careers. The program emphasis is research participation with a UF faculty research scientist and his or her research team. Review of Completed applications will begin February 3 2014, and applications will continue to be accepted until the program is full. The program fee is \$4000.00. Some scholarship assistance from the program may be available.

To learn more: <http://www.cpet.ufl.edu/sstp/default.html>

2. Florida State University – Young Scholars Program

June 8 – July 19, 2014

The Young Scholars Program is a residential science and mathematics program for Florida high school students with significant potential for careers in the sciences, engineering, and health professions. Through the support of Florida State University, each participant is furnished a scholarship valued at \$3000.00, covering room, board, and academic tuition. There are some additional costs that are minimal. The application deadline is March 1, 2014.

To learn more: <http://bio.fsu.edu/ysp/>

3. University of Florida – Science Quest

June 15 – 21, 2014, June 22-28, 2014

Science Quest immerses rising 10th grade students in various science disciplines to stimulate interest and appreciation for the range of college and career opportunities available in science. Students will live in a campus dorm for one week, attend a variety of lectures and demonstrations, visit research laboratories and other facilities, and perform multiple science experiments. Science Quest participants will look through “Windows into Science” by exploring physical sciences such as Engineering, Geology, and Physics; delving into the molecular sciences, with emphasis on biomedical, forensic and environmental applications; investigating biological sciences such as Entomology, Microbiology, and Zoology; and much more.

For details go to: <http://www.cpet.ufl.edu/SciQuest/default.html>

Applications will be reviewed beginning March 3, 2014, continuing until all positions are filled. Fee is \$650.00 – scholarship assistance may be available.

4. University of West Florida – EXPLORE Summer Camps

Various Camps and Dates

The University of West Florida offers a variety of non-residential, STEM-focused camps throughout the summer. Costs vary beginning at \$155.00 and registrations open on February 21, 2014.

To learn more: <http://uwf.edu/exploreamps/STEM/>

5. Florida State University College of Medicine SSTRIDE Summer Institute

Session 1: June 8 – 13, 2014; Session 2: June 22-27, 2014; Session 3: July 13 – 18, 2014

The FSU College of Medicine Summer Institute is a one-week residential program on the campus of Florida State University and is designed for students who are committed to pursuing a career in the medical field.

The SSTRIDE Summer Institute motivates students to excel academically, introduces students to a variety of clinical settings, provides standardized test preparation for ACT and SAT, provides information about scholarships and university mentoring programs, exposes students to college life, gives students a perspective on the life of a medical student, expose students to certain aspects of the medical school curriculum through interaction with faculty and participation in faculty led presentations about medical topics, and inspires students to pursue careers in health-care professions. Program Cost is \$900.00, which covers registration, lodging, meals, transportation to site visits and supplies. Limited scholarships are available to qualified students who show financial or extenuating circumstances. Deadline typically near the end of March. To learn more: <http://med.fsu.edu/index.cfm?page=advisingOutreach.si>

6. Florida A and M University College of Agriculture and Food Sciences, Summer Youth Development Institute, 2014 Summer Programs

STEM programs, accepting students in the *FloridaLearns STEM Scholars* age brackets are available. They are:

- A. **Raising Agriculturally and Technologically Literate Rattlers (RATLR): June 8, 2014 to July 3, 2014.** The fee is for this residency program is \$150.00. The purpose is to recruit the next George Washington Carvers by exposure to agricultural, food and related sciences careers and educational activities and opportunities. Applications are also available on the floridalearnsstemscholars.org website.
- B. **Food Science Summer Enrichment Program, FSSEP: June 16th to June 20th, 2014**
The Food Science Summer Enrichment Program or FSSEP is an intensive week long program that is designed to help students develop a better understanding of science through experiential activities in Food Science that are linked to the Sunshine State Standards. It is a commuter program and the times each day are 8:30 AM – 4:30 PM. Students who have completed 7th through 9th grades with an interest in the sciences and who would like to improve their laboratory skills and learn about food science and the food industry are eligible to participate. **There is a \$50 entry fee for each student.** Meals will be provided at no cost to the student. Applications are also available on the floridalearnsstemscholars.org website.
- C. **AG Discovery: June 8, 2014 to June 21, 2014 (tentative)**
Animal medical health exposure is the focus for this residential program that is available at no cost. The program contact is C. L. N'Guessan who may be reached at 850-412-5363.
- D. **Forestry and Conversation Education (FACE): June 9, 2014 to June 20, 2014**
This is a commuter program and students may earn a small stipend. The purpose is to expose students to natural resource management and plant genetics and the university contact is C. Newman who may be reached at 850-599-3440. Applications are also available on the floridalearnsstemscholars.org website.
- E. **Agricultural Technology Century 21: July 13 to July 18, 2014 (tentative)** This is a free commuter program with a focus on exposure to animal medical health career opportunities. The program contact is C. L. N'Guessan who may be reached at 850-412-5363.

7. University of South Florida Pre-College

Students may enroll in one several programs.

From June to August, students with exceptional ability and promise may pursue academic interests, discover career opportunities, earn college credits, and explore the independence of university life. Programs run from two days to four weeks.

To learn more: <http://uc.usf.edu/precollege/programs/>

8. University of Miami Summer Scholars Program

June 21 – July 11, 2014 – Several of the programs have a STEM focus.

This program affords current high school sophomores and juniors an opportunity to explore their academic passions and experience what it is like to be a college student. This program allows students to earn college credit, interact with professors, make lasting friendships and grow as independent thinkers. The residential program cost is \$7,295.00. Enrollment is limited and the early action application deadline is February 1, 2014. The priority application deadline is April 1, 2014, and the general application deadline is May 1, 2014.

To learn more: <http://miami.edu/dcic/index.php/ssp>

9. iD Tech Camps

Dates and locations for these camps are variable. Additionally, the experience may be residential or commuter and costs may vary slightly.

These computer camps are held in Florida at Rollins College in the Orlando area, University of Miami in Coral Gables, and the University of South Florida in Tampa. There are a variety of options at each location and dates and costs vary.

To learn more:

Rollins College Camps: <http://www.internaldrive.com/locations/fl-summer-camps-florida-computer-camps/rollins-college-orlando-camp/>

University of Miami Camps: <http://www.internaldrive.com/locations/fl-summer-camps-florida-computer-camps/university-of-miami/>

University of South Florida Camps: <http://www.internaldrive.com/locations/fl-summer-camps-florida-computer-camps/university-of-south-florida-computer-camps>

10. Florida Institute of Technology – Summer Camps

Florida Tech will be offering five different academic summer camps; you can choose a science, engineering, computer, aviation or business experience. This camp is located on the campus of Florida Institute of Technology in Melbourne, Florida and may be residential or commuter. Camp fees vary depending on the camp chosen.

To learn more: <http://camps.fit.edu/academic-camps.php#.UtRYILQuct0>

11. Florida Advanced Technological Education Center Summer Robotic Camps

The Florida Advanced Technological Education Center offers summer robotic camps and students from all over the state may attend. Specific information is not currently available; however, it will be posted at <http://flate.org/projects/camps.html> & <http://madeinflorida.org/camps-workshops/> in the near future.

12. University of Florida Office for Diversity and Health Equity College and University of Florida Area Health Education Centers Health Care Summer Institute

The Office for Diversity and Health Equity and the University of Florida Area Health Education Centers (AHEC) co-sponsor a 4-week summer camp for minority high school students with career interests in health professions who live within the University of Florida AHEC service areas. To determine if you live within the service area, go to <http://odhe.med.ufl.edu/8/hcsi/>. Participants shadow several health care professions and attend workshops on study skills and test taking, including a preparatory course for the SAT. For more information: <http://odhe.med.ufl.edu/8/hcsi/>.

13. Jacksonville University Marine Science Research Institute Summer Camps

These commuter camps, held in conjunction with the St. Johns Riverkeeper, will provide students the opportunity to explore marine science from the estuary to the coastal environment using field trips along the St. Johns River and NE Florida, as well as laboratory analysis of samples collected in the field.

Attendees will be involved in all aspects of investigating marine environments including:

- * Choosing sampling methodology and sites through monitoring water chemistry
- * Collecting, identifying and enumerating fish and invertebrate species
- * Presenting the collected data in graphical format

Students will gain hands-on experience with standard marine science collection and monitoring equipment {e.g. electronic monitoring equipment (YSI or similar devices), plankton nets, seine nets, trawls, box cores, ponar grabs}, as well as laboratory analysis methods. Camp sessions will be led by the Jacksonville University Marine Science faculty along with Duval County Public Schools and the St. Johns Riverkeeper staff. And JU undergraduate marine science majors will also be on hand to assist the faculty. Costs are to be announced soon. For more information: <http://www.ju.edu/msri/Pages/Summer-Camps.aspx>

**14. Embry Riddle Summer Programs
Variety of Dates, Topics, and Costs**

Embry Riddle is one of the best technological universities in the country. They invite Florida high school students to join other motivated high school students from around the globe for an exciting line up of summer camps. All programs are held at Embry-Riddle Aeronautical University on the Daytona Beach, Florida campus. Each camp is developed and implemented by Embry-Riddle faculty, who are assisted by graduate and undergraduate students to provide sessions that are fun and hands-on for participants. Applications are accepted starting January 2014. To learn more: <http://daytonabeach.erau.edu/degrees/summer-camps/>

15. SeaWorld Orlando Camps

SeaWorld Orlando offers a residential career camp for high school students during a variety of dates. Camp availability is limited and cost varies.

To learn more: <http://seaworldparks.com/seaworld-orlando/Educational-Programs/Resident-Camps/Career-Camp-10-to-12>

16. Busch Gardens Tampa Camps

Busch Gardens, Tampa offers a variety of residential camps for high school students and during a variety of dates.

To learn more: <http://seaworldparks.com/buschgardens-tampa/Educational-Programs2/Resident-Camps>

17. Florida Atlantic University

FAU will offer a variety of youth summer camp options. Please check the fau.edu website for updates. For more information: <http://www.fau.edu/mediarelations/releases0413/041335.php>