



FloridaLearns STEM Scholars

Summer Extended STEM Opportunities

1. University of Florida - Student Science Training Program

June 7 – July 25, 2015

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 \$4200.00. 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 7 – July 18, 2018

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

Session I: June 21 – June 26, 2015 Session II: July 5 – July 10, 2015

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, 2015, continuing until all positions are filled. The 2014 fee was \$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 \$165.00 and registration opens in February 2015..

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

5. Florida State University College of Medicine SSTRIDE Summer Institute

Session 1: June 7-12, 2015; Session 2: June 21-26, 2015; Session 3: July 12 – 17, 2015

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 \$975.00, 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 March 30, 2015.. 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, 2015 Summer Programs

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

A. Food Science Summer Enrichment Program, FSSEP: **Click here to access the application form.** June 8th to June 12th, 2015

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 \$125 entry fee for each student.** Meals will be provided at no cost to the student. Applications are also available on the floridalearnsstemscholars.org website.

Application Deadline: May 15, 2015

B. AG Discovery: June 7, 2015 to June 20, 2015

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.

C. Agricultural Technology Century 21: July 13 to July 15, 2015

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.

http://www.famu.edu/cesta/main/assets/File/coop_extension/herds/2015_AgTech_Century_21_Summer_Enrichment_Program_Application.pdf

7. University of South Florida Pre-College

Students may enroll in one of 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/>

*Panhandle Area Educational Consortium in partnership
With Heartland Educational Consortium and North East Florida Educational Consortium
www.floridalearnsstemscholars.org*

8. University of Miami Summer Scholars Program

June 27 – July 17, 2015 – 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 \$6,980.00 and the cost for the commuter program is \$5,853.00. Enrollment is limited and the early action application deadline is February 1, 2015. The priority application deadline is April 1, 2015, and the general application deadline is May 1, 2015.

To learn more: <http://miami.edu/dcie/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 a variety of academic summer camps; you can choose a science, math, engineering, computer, aviation, leadership, entrepreneurship, or 3D printer camp. The camps are 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/>

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://fl-ate.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 2015. To learn more: <http://summercamps.erau.edu/camps/index.html>

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 Summer Science Institute

Session 1: June 15 – July 10, 2015 Session 2: July 13 – August 7, 2014

Tuition is \$800, non-refundable \$50 application fee

*Panhandle Area Educational Consortium in partnership
With Heartland Educational Consortium and North East Florida Educational Consortium
www.floridalearnsstemscholars.org*

This is a competitive program and early applications are strongly encouraged.

http://www.science.fau.edu/oce/about_science-institute.htm

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>

18. Palm Beach Atlantic University Science Summer Camp and Science Institute

Palm Beach Atlantic University's Center for Integrative Science Learning offers a Summer Camp and Science Institute. For more information call (561) 803-2400. <http://www.pba.edu/camps>

19. Florida State University Department of Biological Science Saturday-at-the-Sea Summer Camp

Session 1: June 15-19, 2015 Session 2: June 22-16, 2015 Session 3: June 29-July 3, 2015

Session 4: July 13-17, 2015 Session 5: July 27-31, 2015

Applicants must be a Florida resident, be able to swim, and be currently enrolled in grades 7-10. The camp is free and the application deadline is Friday, March 27, 2015. Camp participants will spend their time at the FSU Coastal & Marine lab. They will be forming research teams & investigating ecological questions, as well as learning more about the local habitats and how they fit in. Students will be collecting & analyzing data, discussing & interpreting their results, and presenting their findings to their peers. In short, they will become marine scientists for the week! Never fear; though, SATS Camp will not be all work and no play! Students will be snorkeling on Turkey Point shoal, doing animal behavior investigations, making trips to salt marshes, oyster bars and sandy beaches, as well as going on a night boat ride to the local seagrass meadows!

The groups will meet each morning at the FSU campus in Tallahassee, and travel to and from the Florida State Marine Lab in FSU buses. Every Camp will have one overnight stay at the marine lab to do evening field work (Thursday night). For the overnight stay, dinner and breakfast will be provided. Students will need to bring their own bag lunches each day.

20. National High Magnetic Field Laboratory Summer Internship – June – August, 2015

Must be 16 years of age or older in order to apply. Application Deadline April 1, 2015

This is a paid internship for students 17 years of age or older that runs from June to August. Summer internships run from June to August. The program's goals are to:

- Expose students to a scientific research working environment
- Provide students the opportunity to gain experience in the workforce as well as do cutting edge science

Have students prepare an end-of-summer report on the work they did during their internship and how it contributed to the mentor's research (poster is an option).

<https://nationalmaglab.org/education/k12-students/internships>

21. National High Magnetic Field Laboratory SciGirls II Summer Camp - Monday through Friday, July 13 - 24, 2015

For rising 8th and 9th grade students

Application Deadline April 3, 2015

Cost: \$400

Camp hours: 9:00 a.m. to 4:00 p.m. Monday to Friday

Base of operation: The Magnet Lab, Tallahassee, FL.

Upon acceptance, limited need based scholarships may be available, contact Carlos Villa for application.

For the application and other details, visit: <https://nationalmaglab.org/education/k12-students/summer-camps/scigirls-summer-camp>

*Panhandle Area Educational Consortium in partnership
With Heartland Educational Consortium and North East Florida Educational Consortium
www.floridalearnsstemscholars.org*