



FloridaLearns STEM Scholars

Summer Extended STEM Opportunities

1. University of Florida – Center for Precollegiate and Training

June 12 – July 30, 2016

SSTP is a seven week residential research program for selected rising 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. Application review will begin February 2016, 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://prod.cpet.ufl.edu/wp-content/uploads/2016/02/2016-SSTP-Application-Information.pdf>

2. Florida State University – Young Scholars Program

June 12 – July 23, 2016

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 February 15, 2016.

To learn more: http://bio.fsu.edu/ysp/ysp_new.php

3. University of Florida – 2016 Student Summer Programs

June and July, 2016

The Center for Precollegiate Education and Training at University of Florida offers a number of summer programs for high school students. Examples are: Explorations in Biomedical Research, Florida Youth Institute, Humanities and the Sunshine State, Science Quest, STEAM Quest, and the Student Science Training Program (described above).

There is definitely something for everyone! To learn more, visit the CPET Student Summer Programs webpage at: <http://www.cpet.ufl.edu/students/2016-program-application-information/>

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 \$180.00 and registration opens in February 2016.

To learn more: <http://uwf.edu/continuinged/departments/explore-summer-camps/schedule/2016-camp-schedule/>

5. Florida State University College of Medicine SSTRIDE Summer Institute

Session 1: June 5-10, 2016; Session 2: June 19-24, 2016; Session 3: July 10-15, 2016

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-

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

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 2016. To learn more: <http://med.fsu.edu/index.cfm?page=advisingOutreach.si>

6. Florida A and M University 2016 Summer Programs for High School Students

Florida A and M University offers a variety of summer opportunities for high school students. Costs vary and many are grant-funded, so are available to students at no cost. To learn more:

<http://www.famu.edu/continuinged/Summer%20Programs%202016%20Rev.%20030216.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://www.usf.edu/innovative-education/programs/pre-college/>

8. University of Miami Summer Scholars Program

June 25 – July 15, 2016 – 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 \$7,495.00 and the cost for the commuter program is \$6,315.00. Enrollment is limited and the early action application deadline is December 1, 2015. Applications are accepted on a rolling basis and are reviewed when ALL required documents have been received. The final application deadline is April 25, 2016.

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 Florida Atlantic University in Boca Raton, Rollins College in the Orlando area, University of Miami in Coral Gables, University of North Florida in Jacksonville, and University of South Florida in Tampa. There are a variety of options at each location and dates and costs vary.

To learn more:

Florida Atlantic University Camps: <https://www.idtech.com/locations/florida-summer-camps/boca-raton/id-tech-florida-atlantic-university/>

Rollins College Camps: <https://www.idtech.com/locations/florida-summer-camps/orlando/id-tech-rollins-college/>

University of Miami Camps: <https://www.idtech.com/locations/florida-summer-camps/miami/id-tech-university-of-miami/>

University of North Florida Camps: <https://www.idtech.com/locations/florida-summer-camps/jacksonville/id-tech-university-of-north-florida/>

University of South Florida Camps: <https://www.idtech.com/locations/florida-summer-camps/tampa/id-tech-university-of-south-florida/>

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 2016

The Florida Advanced Technological Education Center offers summer robotics and engineering camps and students from all over the state may attend. Specific information available at: <http://fl-ate.org/programs/summer-camps/>

12. University of Florida Office for Diversity and Health Equity College 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/8-2/hcsi/>

13. University of Central Florida College of Medicine – Health Leaders Summer Academy

The Health Leaders Summer Academy provides hands-on educational summer experiences for high school students who are interested in pursuing a career in the medical field. Students must be current tenth-grade students with a strong interest in pursuing a career in the medical field and must have completed one year of biology. Students in the Central Florida are considered. To learn more: <https://med.ucf.edu/about/diversity-and-inclusion/summer-academy/>

14. University of Florida Blueprint Signature Summer Programs – 2016

Blueprint Summer Programs at University of Florida offer courses that are fun and rewarding for students entering grades 9-12. Enrollment is limited and information is available at:

<http://www.bpsummerprograms.com/uf-pre-college-summer-programs/>

15. 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. The cost is \$300/week and limited scholarships are available. To learn more: <http://www.ju.edu/msri/Pages/Summer-Camps.aspx>

16. Embry-Riddle Aeronautical University 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 2016 and the camp application deadlines are early April 2016.

To learn more: <http://summercamps.erau.edu/index.html>

17. SeaWorld Orlando Camps

SeaWorld Orlando offers both day and residential summer camps for students going into grades 7-12 during a variety of dates. Camp availability is limited and cost varies.

To learn more: <https://seaworldparks.com/en/seaworld-orlando/educational-programs/>

18. Busch Gardens Tampa Camps

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

To learn more: <https://seaworldparks.com/en/buschgardens-tampa/educational-programs2/>

19. The Engineering Education Service Center offers information about summer camps for K-12 students in engineering. To learn about camps available throughout Florida, visit:

http://www.engineeredu.com/store/index.php?route=information/information&information_id=24

20. Florida Atlantic University Precollegiate Programs

To learn more:

Engineering: <http://www.dessa.fau.edu/set.php>

Architecture: <http://www.idac.fau.edu/design/HSSI.html>

Pine Job Dual Enrollment Residential Program: <http://pinejog.fau.edu/student-programs/h2o-to-go.php>

Pine Jog Environmental Education Center Summer Day Camp (ages 5-12): <http://www.pinejog.fau.edu/school-programs/summer-day-camp.php>

21. 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) 803-2403 or visit: <http://www.pba.edu/camps>

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

Session 1: June 13-17, 2016 Session 2: June 20-24, 2016 Session 3: June 27-July 1, 2016

Session 4: July 11-15, 2016 Session 5: July 18-22, 2016 Session 6: July 25-29, 2016

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, April 1, 2016. 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,

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

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.

23. Florida International University – Engineering and Computing Miami PREP Summer Program – June 27- July 29, 2016

Five-week session for students currently in 3rd through 11th grade

24. National High Magnetic Field Laboratory Summer Internship – June – August, 2016

Must be 17 years of age or older in order to apply. Application Deadline April 8, 2016

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>

For information: <https://cec.fiu.edu/cdec/miamiprep/overview/>

25. National High Magnetic Field Laboratory Summer Camps - Sci Girls II - Monday through Friday, July 18 - 29, 2016

For rising 8th and 9th grade students

Application Deadline April 8, 2016

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>

2016 Summer Science Camp – June 6-10 OR June 13-17, 2016

Application Deadline April 8, 2016

Cost \$200.00

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

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/maglab-summer-camp>