



# NASA FLORIDA SPACE GRANT CONSORTIUM

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## 2013 Fact Sheet

### ACCOMPLISHMENTS

#### Research

- ◆ Joint Grant Program (sponsored by FSGC and Space Florida)

*Spaceport Technology*

*Space-Based Research & Payload Development*

- ◆ \$ 573K in funded projects

#### Education

- ◆ 7 college and university programs

*Graduate Fellowships*

*Kennedy Space Center Internships*

*Florida Satellite Competition*

*Hybrid Rocket Competition*

*NASA Academy*

*Senior Design Projects*

*Microgravity and other NASA competitions*

- ◆ 4 precollege programs

*Space Education & Training Program*

*Pre-Service and In-service Teacher workshops*

*Florida Engineering Education Conference*

*Girls in Engineering Math and Science*

#### Informal Education

- ◆ 1 Programs

*Orlando Science Center Fun Nights*

### STUDENT AWARDS

- ◆ 38 undergraduate scholarships
- ◆ 6 graduate fellowships
- ◆ 27 research students
- ◆ 221 undergraduates involved in student collaborative projects
- ◆ 183 school teachers and 300 school students participated in K-12 workshops
- ◆ Engaged over 3150 citizens through informal education programs

### SOURCES OF FUNDS

- ◆ \$ 575K in NASA funds
- ◆ \$ 989K in Matching Funds

### STUDENT QUOTES

- ◆ It impacted my education and life because it made me realize how important STEM is and how we need to instill our educational insight into young girls. (Alecia Popovich, 2013 Space Grant Research Award-Florida Gulf Coast University)
- ◆ My participation in the Florida Space Grant has impacted me in many ways. One way is that it has given me the opportunity to experience what it is like to work in the 'real world' before I graduate, which I find extremely important. It has also opened many doors for me, by meeting people, to have future internships and maybe a job once I graduate (Kelly Gray - 2013 SLSL Internship Program , FIT )
- ◆ Through my experience as a Florida Space Grant Consortium ambassador, I have gained the opportunity to learn about the needs for the future of the space industry in America, and have become motivated to want to impact others to want to make their own contributions to the space program (Nicholas Rongione, 2013 NASA Academy, Univ. of Miami)
- ◆ Participation in the Space Grant program has greatly impacted my life and education. I now know that I want to pursue a PhD in planetary geophysics because of my experience this summer (Marie McBride - 2011 NASA Internship Program , FIT )

**NASA Florida Space Grant Consortium**

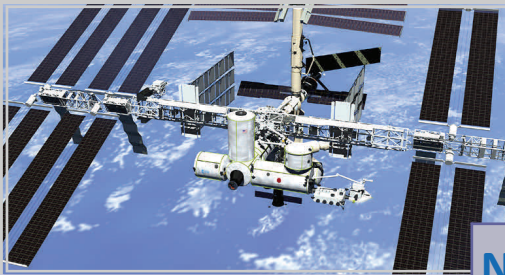
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*A NASA sponsored program administered by the University of Central Florida*



## NASA/Florida Space Grant Consortium

### CONSORTIUM DESCRIPTION

Serving a population of over 19 million and university and college enrollment of 1.1 million, the NASA/Florida Space Grant Consortium (FSGC) provides students opportunities for engaging in inter-disciplinary hands-on activities to propel them to be leaders in space industry and innovative space organizations of tomorrow.

FSGC's mission is to strengthen Florida's economy and augment NASA Educational Outcomes by providing space-related fellowships, scholarships, and internships; supporting research STEM awareness, literacy, education and opportunities, and academic-NASA-industry partnerships; and enhancing excellence in Florida's citizens, public and private educational systems, and workforce. The Consortium is a association of seventeen public and private Florida Universities and colleges, led by the University of Central Florida. The Consortium also includes Space Florida, the Kennedy Space Center (KSC) , the Astronaut Memorial Foundation and the Orlando Science Center.

### SUMMARY OF FSGC PROGRAMS

- Graduate fellowships at universities
- Undergraduate scholarships
- Summer internships at NASA centers, Space Life Sciences Lab and industry
- Faculty research focused on NASA and KSC priorities
- Hands-on, interdisciplinary student projects
  - ◆ Student satellite design competitions
  - ◆ Student balloon and Rocket programs
  - ◆ Student experiments on ISS
- Curriculum development and course development grants
- Teacher training for Florida K-12 teachers focused on NASA topics
- After-school hands-on education activities in science museums

### LEAD INSTITUTION:

UNIVERSITY OF CENTRAL FLORIDA



### Affiliates

- Bethune-Cookman University
- Eastern Florida State College
- Eckerd College
- Embry Riddle Aeronautical University
- Florida A&M University
- Florida Atlantic University
- Florida Gulf Coast University
- Florida Institute of Technology
- Florida International University
- Florida State University
- Kennedy Space Center
- Orlando Science Center
- Space Florida
- Astronauts Memorial Foundation
- University of Florida
- University of Miami
- University of North Florida
- University of South Florida
- University of West Florida

