



NASA Florida Space Grant Consortium 2017-18 Fact Sheet

AFFILIATES



16 Universities and Colleges
 Kennedy Space Center
 Space Florida
 Astronauts Memorial Foundation
 Orlando Science Center

EDUCATION

46 Scholars and Interns
14 Graduate Fellows
239 Students in Hands-On Collaborative Projects

OUTREACH

510 K-12 Teachers and Students
22K Students and general public involved in Informal Education Programs

RESEARCH

14 Awards
\$663K Total Funding
27 Students
14 Faculty

DIVERSITY

59% Under-Represented Minorities
47% Female Participants

MATCHING

\$760K NASA Funding
\$761K Matching

NASA Florida Space Grant Consortium

Ph : (407) 823-6177 // E-Mail : fsgc@ucf.edu

<http://www.floridaspacegrant.org>

A NASA sponsored program administered by the University of Central Florida



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Success Stories

Dr. Stephen Kuebler from UCF was awarded a NSF research grant for a project titled “UAV-based Defective Solar Panels Detection and Maintenance “ for \$225K. The award of this grant was a remarkable research achievement from several perspectives. NSF reported that the EPMD program received 452 unsolicited proposals during the competition period. A total of 48 awards were made – a funding rate of 11%. But 13 awards were for symposia, workshops, and short-term "EAGER" projects, valued below \$100,000. And 8 projects were "collaborative" which NSF reports as two separate awards. As such, only 31 standard, three-year projects like this were funded – an award rate of 7%. Additionally, Dr. Kuebler is a chemist, whereas the award is out of the engineering division. This shows how highly regarded their work is at a national level, even across the boundaries of traditional disciplines.

Student Quotes

Receiving an award from the NASA Florida Space Grant Consortium (NASA FSGC) was, no doubt, a huge springboard for my career in the space industry. By working on the NASA funded research grant (with an idea that I am passionate about), I was able to make professional connections, practice my skills, and ultimately intern at Kennedy Space Center - something that I could've only dreamed of before this! Now, I will be able to grow my space network even more during this Summer as I intern at Generation Orbit as a Brooke Owens Fellow. No matter where my goals take me, I will always be thankful for the moonshot that NASA FSGC provided.

(Payton Barnwell - Junior - Mechanical Engineering - Florida Polytechnic University, and first generation college student)

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