



# Florida-Georgia Louis Stokes Alliance for Minority Participation



The Bridge to the Doctorate Program at the University of South Florida

<http://www.msphds.usf.edu/BDFellowship/>

Fostering new cross-disciplinary expertise and research endeavors in marine, environmental, biological and chemical sciences, and biomedical sensor designs and other engineering applications.

"The Bridge to the Doctorate Program hosted at USF provides underrepresented STEM minority undergraduates with a wonderful opportunity to pursue Ph.D. degrees in STEM areas such as marine sciences and geosciences that have traditionally been sparsely represented by this population."

**Dr. Ralph W. Turner**  
FGLSAMP Alliance  
Project Director

## FGLSAMP

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The Florida-Georgia Louis Stokes Alliance for Minority Participation (FGLSAMP) is a coalition of 13 institutions dedicated to increasing the number of students who receive undergraduate and graduate degrees in Science, Technology, Engineering and Mathematics (STEM).

The University of South Florida is the site for the second NSF FGLSAMP Bridge to the Doctorate program. USF is a major metropolitan research university with campuses in Tampa, St. Petersburg, Sarasota, and Lakeland. Over the last two decades, USF has taken its place among the top 50 public research universities in the United States and is one of only three Research 1 universities in Florida. USF is focused on formulating bold ideas and using its research resources to create innovative solutions for the global community.

### Participating Institutions

University of South Florida, University of Florida, Florida A&M University, University of Central Florida, Tallahassee Community College, Albany State University, Bethune-Cookman College, Florida International University, Florida Memorial University, University of Miami, Florida State University, Miami Dade College, and Florida Community College.

### Who is Eligible?

Holder of a B.S. degree in a STEM discipline from an undergraduate LSAMP institution or someone who is admitted to or intends to apply to a graduate degree program in a STEM-related field

### Application Requirements

Completed Bridge to the Doctorate Fellowship application and write a brief personal statement outlining interests in the project and career goals

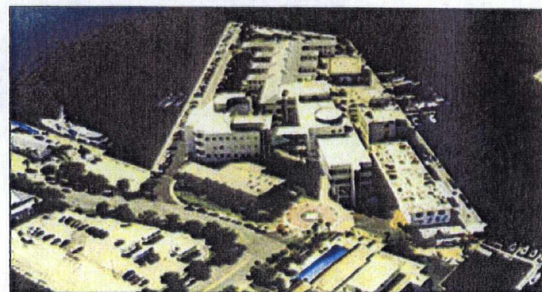
### Benefits

- Gain knowledge in both science and engineering fields and research expertise in the development and application of sensors for marine, environmental, biological, chemical and biomedical science and engineering related research endeavors.
- Financial support package: 2-year fellowship of



**Top:** Engineering Building III (Tampa) is the newest of the College of Engineering's seven facilities. The building houses four departments, faculty offices, and state-of-the-art research labs.

**Bottom:** USF's College of Marine Science (St. Petersburg) houses two State of Florida research vessels, research labs, Center for Ocean Technology, Center for Coastal Ocean Mapping, and Institute for Marine Remote Sensing.



\$30,000 per year, and for doctoral students an additional 2 years of support at a minimum of \$15,000 per year

- Full graduate school tuition and fees support
- Participation in workshops, seminars and short courses on professional development, science and engineering—related topics
- Cross disciplinary science and engineering academic curriculum
- Professional and research travel opportunities

### Unique Features

- Diversity Awareness Workshop for Faculty Mentors
- Biogeochemical Sensors, Development and Applications Course
- Science and Engineering Instruction and Professional Development Course
- Undergraduate Research Opportunities



**Dr. Ralph Turner**  
Director of FGLSAMP



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Program Director  
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**Tony Price**  
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B.S.—Computer and Electrical  
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