

# STEM Outreach Program

BIOSENSORS 2018 WORLD CONGRESS

Hyatt Regency Miami, Florida

JUNE 15<sup>TH</sup>, 2018

## STEM Activities

### Two Plenary Talks:

#### **Soft Robotics: A New Paradigm for Robotics Research**

Professor Kyu-Jin Cho, Seoul National University, Korea

#### **Space-based Bioanalytical and Biotechnological Systems**

Professor David C. Cullen, Cranfield University, UK

### Scavenger Hunt

Explore the Congress show floor & interact with key companies.

Meet with students, faculty and professionals from top University Science and Engineering Programs

## Application Information

### **Eligibility:**

- I. High school Juniors and Seniors
- II. Undergraduate students in science, engineering, or medical science with a strong interest in graduate school and/or a career in science and engineering

Undergraduate candidate must be a member of an under-represented group:

- American Indian/ Native
- African American/Black
- Hispanic American/Latino

### **Application:**

The biosensors STEM and Outreach Scholar application and information can be accessed [here](#)

## Career Panel Discussion

### **Dr. Sylvia Daunert**

Chair, Biochemistry & Molecular Biology, University of Miami



### **Dr. Emmanuel Iwoha**

Director of SensorLab  
Senior Distinguished Professor,  
University of West Cape, SA



### **Dr. Gusphyl Justin**

Staff Engineer - Sensors  
A.O Smith Corporate Technology  
Center



### **Dr. Tiffani B. Lash**

Discovery Science & Technology  
Program Director, NIBIB  
National Institute of Health



### **Dr. Chenzhong Li**

Program Director, Nanobiosensing  
National Science Foundation  
Florida International University



### **Dr. Fran Ligler**

2017 Inductee, National Inventor  
Hall of Fame  
North Carolina State University



The Congress will be providing **FREE** registration, morning coffee, and lunch for the day!

Completed Applications should be submitted to the Biosensors Outreach Selection Committee by  
**5/20/2018 at 11:59 PM EST**

Figure courtesy of National Inventors Hall of Fame