

AMERICAN SENIOR HIGH SCHOOL  
ENGINEERING ACADEMY FOR STUDENT EXCELLENCE



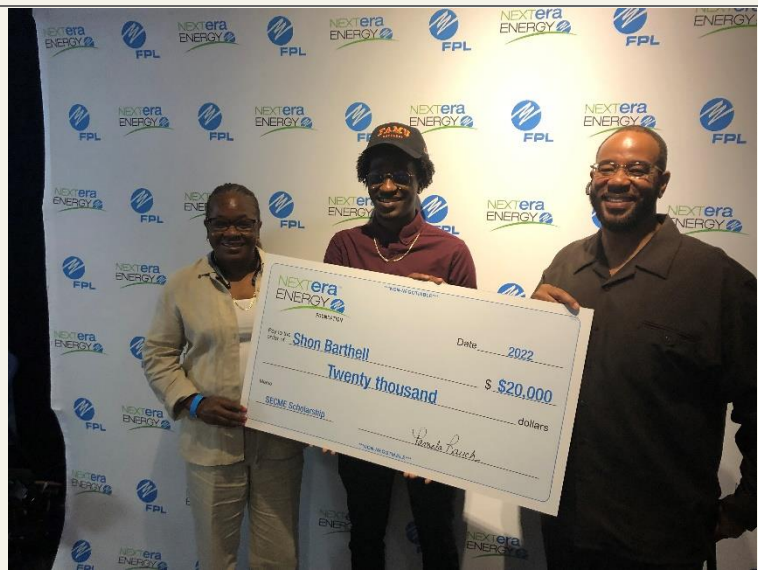
# ENGINEERING ACADEMY NEWSLETTER



## TENTATIVE UPCOMING SCHEDULE

FIU College Career event - 9/19  
UM College Career Trip - 10/3  
VEX Robotics Event - 10/15  
Construction Career Day - 10/25  
Florida College Tour - 11/9 - 11/11  
TEN80 Racecar Event - 11/15  
VEX Robotics Event - 11/19  
TEN80 Innovate Race - 12/3  
VEX Robotics Event - 12/17  
FIRST Robotics Kickoff - 1/7  
SECME Olympiad - 2/4

## Shon Barthell wins FPL Scholarship



NextEra Energy Foundation (FPL) recently awarded scholarships to Shon Barthell and 9 other graduating high school seniors, who have had at least one year of experience in a SECME program in one of the following counties: Brevard, Broward, Escambia, Flagler, Hendry, Manatee, Miami Dade, Palm Beach, Seminole and Volusia.

Each student will receive \$5,000 per year, renewable for up to three years or until a bachelor's degree is earned, whichever occurs first – up to \$20,000. The recipients of this scholarship must plan to enroll in a full-time undergraduate study at an accredited two- or four-year college or university for the entire academic year.

This is the second consecutive year that the SECME Club at American Senior High has celebrated a recipient with Miya Aviles winning in the inaugural 2021 year.



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## Engineering Students win NAF Scholarships

Leandra Belizaire and Shon Barthell left a remarkable example of the motto "Hard work pays off". These two graduates from the Engineering Academy earned \$2000 scholarships for their accomplishments in the NAF Academy of Engineering. Both students successfully passed four engineering classes, although only two are required, and passed their Autodesk Inventor Industry certification exam. Congratulations



## Raytheon Technologies Propel Future Ready Engineers

Raytheon Technologies Inc. collaborating with the National Academy Foundation (NAF) invited Ayunna Carter, Julianna Chi, Jemari Toles, and Isaiah Jones to participate in the 2<sup>nd</sup> year of their Future Ready Engineers internship. This paid internship allowed students to be assigned a Raytheon mentor and a college engineering student to assist them in completing their engineering project. Students were presented topics by guest speakers ranging from cyber-security to fighter jet engines. They were instructed how to develop a research level solution and presented their solution before a panel of corporate guests. This experience has prepared them to participate in additional internships and projects.

2022 Award winning  
Aspen Miami Challenge  
Team joins the winning  
teams from New  
Orleans on their trip to  
the mountains in  
Aspen, Colorado

