

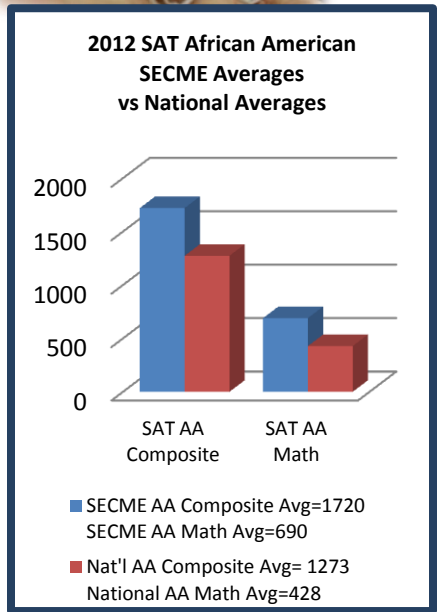
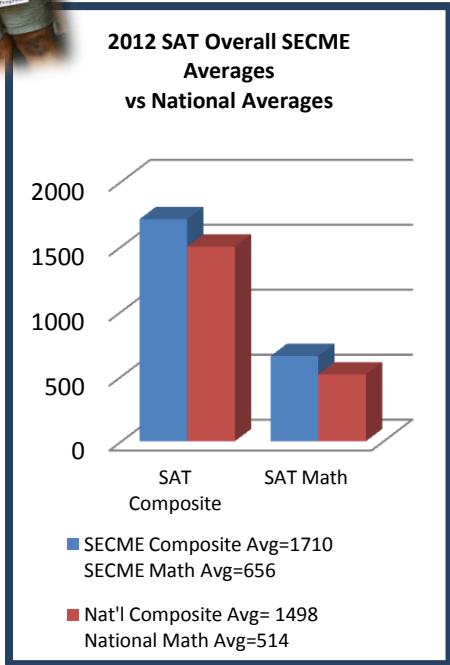
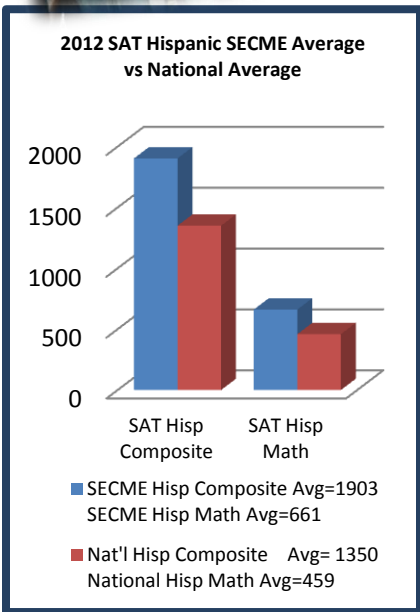
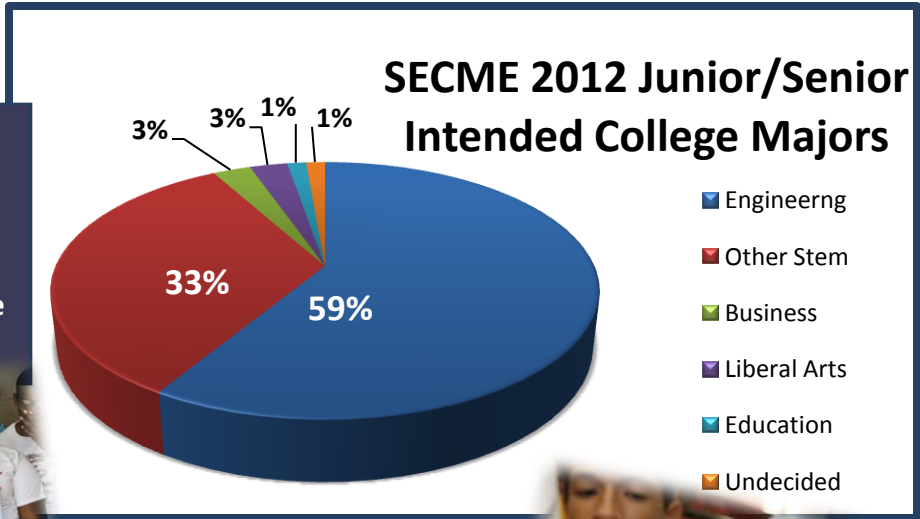


2012 Student Data Highlights



59% of SECME 2012 High School Juniors and Seniors intend to major in an Engineering Discipline

92% reported they intend to pursue a STEM Discipline



2012 Hispanic SECME students' average Composite score is 553 points higher than the national Composite average.

Hispanic students' average Math Section score is 202 points higher than the national average Math Section score.

Overall 2012 SECME students' average Composite score is 212 points higher than the national Composite average. *1710 exceeds the 1550 Benchmark score by 160 points.

SECME students' average Math Section score is 142 points higher than the national average Math Section score.

2012 African American SECME students' average Composite score is 447 points higher than the national Composite average.

African American SECME students' average Math Section score is 262 points higher than the national average Math Section score.

2012 National SECME ExxonMobil
Overall Scholar

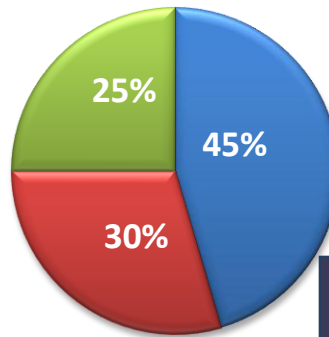


Kevin Juan Pardinias-Luizzi
Miami-Dade County Public Schools
Princeton University, Mechanical and
Aerospace Engineering 2016

"I have an ongoing volunteering project whose principle objective is to help children who come from low-income families in my community...I tutor individuals in my school as well as surrounding high schools and students from FIU and Miami-Dade College."

2012 SECME Survey: Grades 9-10

Participation in the SECME Program improved my ability
to understand and perform Science



■ Agree
■ Neutral
■ Strongly Agree

70% of SECME 9th and 10th
graders surveyed report that
their SECME experience
improved their understanding
and performance in science.

69% reported that SECME
participation influenced their
future career plans.



2012 Featured SECME Alumnus



Jeremy L. Harrison
Solution Architect, Lockheed Martin

Recipient of: 2011 Career Communications Group- Legacy Award; 2007 Black Engineer of the Year Special Recognition Award and Modern Day Technology Leader; Presidential Volunteer Service Awards; 2000 NC A&T SU Namaskar Award- Mechanical Engineering Student of the Year Award

I participated in many pre-college engineering activities but the SECME program was the first time I wasn't given the answer and was asked to "be an engineer." We were given the rules and guidelines, but had to come up with a solution on our own, choosing the materials and exploring many different ways to solve the problem. Not only were we expected to solve the technical challenge but had to write an essay and technical report, and be able to express yourself, which is even more important now that I'm a professional engineer.

SECME got me engaged in engineering at a young age, with all the aspects of professional engineering, including the design process, communications, writing and a vision for my college and career experience. I can say that throughout my career I've had SECME to thank for my success and accomplishments.

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