NACME in the News

NACME Named 2016 Top Supporter of HBCU Engineering Schools

NACME is proud to be recognized as a 2016 Top Supporter of HBCU (Historically Black Colleges and Universities) Engineering Schools. Also receiving recognition are fourteen NACME Board Companies and three NACME Corporate Council members. These companies realize that supporting HBCUs is essential to the development of our Nation’s potential. HBCUs have produced many of America’s leaders across all professions, and continue to be an engine of economic growth.

The "Top Supporters of HBCUs" list surveys the deans of the 15 ABET-accredited HBCU engineering programs, and the corporate-academic alliance, Advancing Minorities' Interest in Engineering (AMIE). The survey asks individuals to identify the corporate and government/non-profit organizations that provide the most support to their respective schools.


View the online version at: nacme.org/nacmenow

The Corner Office - Dr. Irving Pressley McPhail

Refreshing the NACME Strategy - Connectivity 2020

We are actively engaged in executing the new NACME strategy, Connectivity 2020, approved by the NACME Board of Directors. Connectivity 2020 encompasses two areas of focus: Core Business and Community Partnership Model.

News at NACME

NACME 2016 Graduating Scholars

Congratulations to the NACME Scholar Class of 2016! The entire staff of NACME is proud of this year's class of 305. To see the complete 2016 list of NACME Scholar Graduates, visit nacme.org. We have asked each graduating NACME Scholar to personally make a $20.16 donation to NACME, Acknowledge the Class of 2016 and support future generations of NACME Scholars, go to nacme.schoolforms.org/donate.

NACME Scholar Spotlight

NACME Scholar  
Candice Janell Vineyard

Partner Institution 
North Carolina Agricultural & Technical State University (NC A&T)

Major  
Bachelor of Science, Industrial and Systems Engineering

Employer 
Rolls-Royce

Title  
Managing Director, Rolls-Royce Engine Services Oakland

"As a plant manager, I am responsible for ensuring engine maintenance and overhaul deliveries on time..."
Core Business is defined as Scholarships, University Relations, and Research; and the new NACME Career Center: Internships and Full-Time Hires. The Core Business components are executed via Direct Engagement. Through execution in the Core Business sphere, NACME directs its time and resources towards increasing the representation of successful African-American, American Indian, and Latino young women and men graduating with bachelor’s degrees in engineering and computer science. NACME also works to increase the number of underrepresented minority students in internship positions and full-time jobs with NACME Board Companies.

The Community Partnership Model offers the opportunity for Collective Impact through strategic collaborations with other NPOs, educational and governmental institutions, and corporations. These collaborations will permit NACME to influence the Pre-College STEM Pathway and Policy via Indirect Engagement.

NACME is actively building its network of corporate leaders to assist in executing this strategy. Our corporate partners can play a key role in supporting underrepresented minority student retention and success in STEM education. We invite you to join us as we continue on this journey to change the trajectory for African American, American Indian, and Latino women and men, and ensure an engineering workforce that looks like America.

We continue to be proud of the academic achievements of our NACME Scholars. Eighty-three percent of our students graduate with an average GPA of 3.3 on a 4.0 scale. Even more remarkable is the 79.1 percent six-year graduation rate earned by our NACME Scholars. NACME supports these high-performing students with its college-to-career programs.

Join us and together we will shift the paradigm.

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**NACME Board Company News**

**Intel** recently released a new report entitled, "Decoding Diversity: The Financial and Economic Returns to Diversity in Tech". Intel conducted this study in collaboration with Dalberg Global Development Advisors. The report provides analysis quantifying the economic impact of improving diversity specifically for the tech sector. The report looks at data from 167 U.S. companies and to cost, quality, and schedule," says Candice. "My responsibilities also include leading a 360 person organization across three sites: Oakland, Calif., Kingsville, Texas, and Meridian, Miss."

Candice knew early on that she wanted to be an engineer. "The first report I ever wrote was on what I wanted to be when I grew up. I was in the 6th grade and wrote a five page summary on becoming an industrial engineer, I was very specific. My older sister inspired me to pursue engineering. She too was an industrial engineer and through discussions with her I learned about the challenges women face in such a highly technical field. Personally, I am wired to take on a challenge and overcome it against all odds. My sister paved the way for me and showed me that a career in engineering is possible."

Candice continues, "The NACME Scholarship, sponsored by the **Ford Motor Company**, meant I was able to come up with enough tuition to attend an out-of-state institution and pursue my goal of becoming an industrial engineer. The impact was huge in that I not only received financial assistance to pursue my dream, I also had the opportunity to participate in all of the professional development and networking activities NACME sponsored."

Candice offers the following advice to students who are looking to go into an engineering field. "Pursue it with a passion. There’s so much diversity in engineering and you will find that your breadth of knowledge will grow throughout your career. I always tell students that engineering teaches you discipline and how to solve complex problems. This can be applied in any personal or professional setting. Engineering does not just set you up for a good career it also sets you up to be a good well-rounded individual."

Read more about our NACME Scholars on the Engineered Stories for You page of the NACME website, nacme.org/engineered-stories-for-you

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**NACME Scholar Wins Prestigious Award**

Congratulations to Eulises Valdivinos, a NACME Scholar at **San Jose State University**, who has been presented with the **DiscoverE College Edition Award**. Eulises is an Industrial and Systems Engineering major and is the first in his family to attend college. Eulises is paying it forward as he mentors his younger brother and is a peer advisor to more than 35 students in the **MESA Engineering Program**.
concludes that increased representation of African-American, Hispanic, and female employees has significant economic implications, including driving productivity, growth, and revenue gains in the technology sector.

Key report highlights include:

- An additional $470 to $570 billion in new value for the U.S. technology industry could be generated through full representation of ethnic and gender diversity.

- Every incremental percentage point in African-American and Hispanic representation at NASDAQ-listed tech companies can represent a three percent increase in revenues and a potential $300 to $370 billion annual increase in revenue for the technology sector.

- A global productivity boost of $430 to $530 billion could be generated through closing the global tech industry’s female leadership gap.

The *Boston Consulting Group* (BCG) is the latest addition to the list of NACME Board Companies. BCG is an American worldwide management consulting firm with 85 offices in 48 countries. The firm advises clients in the private, public, and not-for-profit sectors around the world, including more than two-thirds of the Fortune 500. In 2015, BCG was ranked second in Fortune’s “100 Best Companies to Work For.”

NACME Scholar Professionals joined in to celebrate the work NACME is doing to drive college-to-career success for underrepresented minorities in engineering and computer science programs.

Special thanks to the incredible team at Chevron for their noteworthy diversity initiatives and for graciously sponsoring NACME and its partners.
Last year was an especially important one for NACME Corporate Council Member, PPG as it marked the completion of its first year of its COLORFUL COMMUNITIES™ initiative. The 2015 Community Engagement Report showcases PPG’s achievements, along with all the other ways PPG and its employees give back to the communities in which they live and operate.

In the report, you will find:

- An overview of PPG corporate and employee giving for 2015.

- Highlights from all 2015 Colorful Communities projects, through which P&G’s people, products, and funding beautified neighborhoods in 11 cities on five continents around the world.

- Examples of PPG's dedication to developing future leaders in science and technology.

- Reports on PPG’s latest community sustainability projects.

NACME Board Company, Consolidated Edison Company of New York, Inc., along with six New York state electric utilities and three of the nation’s leading solar development companies has formed a "Solar Progress Partnership" to encourage more solar development across the state, while ensuring that adequate funding is available to maintain a reliable and resilient grid.

The partnership includes ConEd, Central Hudson Gas & Electric Corp., New York State Electric & Gas Corp., Niagara Mohawk Power Corp. d/b/a National Grid, Orange and Rockland Utilities, Inc., and Rochester Gas and Electric; and the solar companies SolarCity, Inc., SunEdison, Inc., and SunPower Corp. For more on this partnership, visit: coned.com/newsroom/

50K Coalition

NACME participated in the landmark 50K Coalition Collective Impact Workshop in Reston, Virginia on April 20-21. This workshop, featuring key members from all sectors of the engineering community, aimed to develop a comprehensive plan to increase diversity throughout engineering and produce 50,000 underrepresented minority and women engineering graduates annually by 2025.

Dr. Christopher Smith, NACME’s Director of Scholarships, University Relations, and Research, presented on the current state of the engineering community, while Dr. Irving Pressley McPhail, NACME’s President and CEO, and Aileen Walter, NACME’s Vice President - Career Center, Community, and Partnerships, provided insight to help develop a strategic plan to combat the diversity challenges in academia and the workplace.

NACME Breakfast Reception at NSBE

At this year’s National Society of Black Engineers (NBSE) Convention, NACME held a networking Breakfast Reception for NACME Corporate Supporters and Scholars. NACME Board Companies, Chevron, Cisco, Dow, Intel, and Lockheed Martin sponsored the breakfast and more than 30 NACME Scholars attended.

To view the digital version of the NACME NOW Newsletter with active links go to: nacme.org/nacmenow
NACME’s strategic goals include the execution of a college-to-career pathway for African American, American Indian, and Latino students who are pursuing an undergraduate degree in engineering and computer science at selected academic institutions.

NACME is pleased to announce 23 NACME Scholars accepted summer internships and entry-level positions at the following NACME Board Companies:

- Air Products
- Dow Chemical
- Chevron
- Con Edison
- EMC
- Lockheed Martin
- Northrop Grumman
- Raytheon
- Shell

The NACME Career Center, careers.nacme.org, is a web-based tool to connect NACME’s Scholars, undergraduates and professionals, with NACME Corporate Sponsors to serve in summer internships or full-time positions.

By 2050, the U.S. Census Bureau projects there will no longer be a majority race and underrepresented minorities (URMs) will constitute more than 40 percent of the overall population. URMs currently make up only 10.2 percent of the engineering workforce, so to ensure continued innovation and competitiveness, there is a national need to engage these groups in engineering, which is vital to the future of the American economy.

Through NACME’s efforts, together we can create solutions for building a diverse STEM workforce.

Support NACME

Vote for NACME!

To honor its one-year anniversary, Diversity in Action, wants you to share your feedback in a survey. You will have an opportunity to nominate corporations, schools, government entities, nonprofits, and individuals for their dedicated work in advancing STEM diversity and inclusion. Diversity in Action will honor those groups and individuals submitted in a series of features and short stories in their November/December issue.

Please take the time to cast your vote for NACME in the nonprofit category (visit the NACME home page and click on the Dedicated to STEM Diversity logo), and check out the NACME Corporate Supporters and Partner Institution lists on the NACME website (under the About Us menu) when voting for corporations and schools. Voting is easy and takes less than a minute.

AmazonSmile

Amazon will donate 0.5% of the price of any eligible AmazonSmile purchases to NACME whenever you shop on AmazonSmile. All you need to do is sign in to Amazon, and make NACME your charity of choice. Thank you.

Donate Today

In 2015-16, NACME is supporting more than 1,300 students. Help increase our impact by donating today at nacme.schoolforms.org/donate. Thank you.
About NACME

About NACME is available online. This concise two-page document offers an overview of NACME, its purpose, why diversity matters, statistics on NACME Scholars, and complete lists of NACME's Board Companies and Partner Institutions. Download it at: nacme.org/publications/About_NACME.pdf.

For more information on how you can get involved with NACME and its programs, go to: nacme.org/contribute.

NACME's Purpose

Through partnerships with like-minded entities, we serve as a catalyst to increase the proportion of African American, American Indian, and Latino young women and men in STEM careers. We inspire and encourage excellence in engineering education and career development toward achieving a diverse and dynamic American workforce.

Follow Us

Connect with us to keep up with the latest from NACME and the STEM World.

NACME, Inc. White Plains, N.Y. 10601 / 914.539.4010 / www.nacme.org
The National Action Council for Minorities in Engineering supports high-performing African American, American Indian and Latino engineering and computer science students, from college-to-career. NACME is nurturing the next generation of diverse leaders and changing the trajectory of their lives.

NACME partners with more than 50 colleges and universities across the country, and NACME Partner Institutions graduate 30.5 percent of all underrepresented minority engineering BS degree recipients. NACME collaborates with dozens of global companies to provide scholarship dollars, hands-on opportunities, and corporate exposure for more than 1,300 NACME Scholars annually. Eighty three percent of NACME Scholars graduate, with an average GPA of 3.3, and they comprise a pool of talented engineers who can help improve diversity and drive bottom line results for companies as interns and/or full-time hires.

**Our Promise**
We engineer opportunity for minorities in STEM.

**Our Mission**
To ensure American competitiveness in a flat world by leading and supporting the national effort to expand U.S. capability through increasing the number of successful African American, American Indian, and Latino young women and men in science, technology, engineering, and mathematics (STEM) education and careers.

**Our Vision**
An engineering workforce that looks like America.

**Our Belief**
Diversity drives innovation.

**Our Purpose**
Through partnerships with like-minded entities, we serve as a catalyst to increase the proportion of African American, American Indian, and Latino young women and men in STEM careers. We inspire and encourage excellence in engineering education and career development toward achieving a diverse and dynamic American workforce.

**Shaping an American STEM workforce where diversity drives innovation and global competitiveness**