

**AMATEURS PRACTICE  
UNTIL THEY GET IT RIGHT....**

**PROFESSIONALS PRACTICE  
UNTIL THEY CAN'T GET IT WRONG!**



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**ABOUT NSBE BIRMINGHAM**

The National Society of Black Engineers (NSBE) Birmingham Professionals Chapter is a 501(c) (3) non-profit association dedicated to the academic and professional success of African American engineering and technical students and professionals

Our mission is to increase the number of culturally responsible black engineers, who excel academically, succeed professionally and positively impact the community. **NSBE-Birmingham** fulfills the mission of NSBE by organizing, sponsoring, and attending an array of workshops, community activities, scholarship funding, mentoring, and networking events.

We facilitate the development of strong technical professionals and leaders, encourage minority students to eagerly seek out degrees in Science, Technology, Engineering and Mathematics related fields, and empower the community with the knowledge and foresight to strengthen the very foundation that enables our community as a whole to achieve greater heights.

**CHAPTER OBJECTIVES:**

- Stimulate and develop student interest in the various engineering disciplines.
- Encourage and advise minority youth in their pursuit of an engineering career.
- Strive to increase the number of students studying engineering at the undergraduate and graduate levels.
- Encourage members to seek advanced degrees in engineering or related fields and to obtain/maintain professional engineering registrations.
- Promote public awareness of engineering and the opportunities for blacks and other minorities in that profession.
- Function as a representative body on issues and developments that affect the careers of black engineers.

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Visit us at  
[www.nsbexam.org](http://www.nsbexam.org)

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# NSBE BHAM Attempts BREAKOUT Birmingham



Please join NSBE Birmingham as we attempt to BREAKOUT.

Available NSBE members and their families will participate in breakout games on October 18, 2015 at Breakout Birmingham as a teambuilding exercise.

If you are interested in participating please go to [www.breakoutbham.com/book-now/](http://www.breakoutbham.com/book-now/) and reserve your place in a group.

**The event will be at the cost of the participants.** Games cost ~\$26/person

### WHAT ARE BREAKOUT GAMES?

Each Breakout Game is a real-life adventure for a small group. It's great for groups of friends, family, or coworkers. You have one goal: escape the room in under 1 hour. You'll solve puzzles, crack codes, find hidden items, and more in order to escape.

We will be scheduling for the scenario groupings listed.



(Reserve the 2:30PM or 3:00PM Game)

You and your friends wake up handcuffed in a strange room and realize you have been kidnapped. Luckily you discover some clues hidden throughout the room by a previous victim. Can your team work together to follow the chain of clues and escape before the Kidnapper returns? [Watch The Kidnapping Video](#)



(Reserve the 2:40PM Game)

While vacationing on a tropical island, you awake to the sounds of a dormant volcano slowly rumbling to life. As the noise grows louder you realize the whole island has already evacuated and your friends and family are the only ones left. Your last hope is to search the island for the keys to a nearby boat and try to escape before the lava reaches the shore.

[Watch The Island Escape Video](#)

If you have questions please reach out to the Membership and Programs Chair (Jermaine Clements) at [programs@nsbebbham.org](mailto:programs@nsbebbham.org)

### BREAKOUT Birmingham:

2717 19TH PLACE S  
HOMEWOOD, AL 35209  
PHONE: 205-282-4798

## MEMBER SPOTLIGHT



Welcome our new members!

**Julia Clarke** Engineer III with Alabama Power Gardendale Distribution Crew Headquarters

**Katrina Crenshaw** Engineer III with Alabama Power Environmental Compliance

## What Does It Mean to Hold a NSBE T.O.R.C.H.?

### Technical OutReach Community Help (T.O.R.C.H)

T.O.R.C.H. is one of NSBE's signature programs. It is NSBE's community service initiative with the aim of using our technical backgrounds to positively impact the community.

This is a great opportunity to get involved with your communities as well as partner with your local collegiate chapters to implement T.O.R.C.H. programming. It can be as simple as collaborating in a community service event.

As Professionals, we are always looking for ways in which we can make an impact on the organization and support our Signature Programs and here is one of them.

Below are examples of ways in which you can get involved. There is also more information available on the [T.O.R.C.H. website](#).

Links to the toolkit can also be found via the website.

#### Program Components:

T.O.R.C.H. is an umbrella program of NSBE that encompasses outreach activities impacting non-NSBE members and NSBE members alike, especially pre-college youth in Black community. T.O.R.C.H. programs seek to provide services ahead of promoting membership.

T.O.R.C.H. programs are divided into the following branches:

- **STEM Community Training** – Formal classroom style education in STEM fields aimed at both youth and adults.

- **Informal Engineering and Science Education** - casual outreach activities, targeted at youth, which aim to show how science & engineering can be fun.

- **A Walk for Education** – A single day outreach activity aimed at encouraging youth to be better prepared for higher educational opportunities in STEM fields, and in general.

- **Technical Expertise Services** - Using our technical skills to provide a direct service to the community.

- **Traditional Community Service Activities** - Any other type of community service: food & clothing drives, volunteering at a shelter, etc.

Remember, October is T.O.R.C.H. Month and again an excellent way to engage our collegiate members in joint programming.

For additional information, please feel free to contact the National T.O.R.C.H. Chairperson at [torch@nsbe.org](mailto:torch@nsbe.org), or Michael Martin, (Region III Collegiate Initiative Chairperson) at [r3pebci@nsbe.org](mailto:r3pebci@nsbe.org).

#### MORE NSBE SITES

##### NSBE National

<http://www.nsbe.org>

##### NSBE Region 3

<http://www.nsbe.org/Regions/Region3/default.aspx>

##### NSBE Montgomery

<http://www.nsbe-mae.org>

##### NSBE of North Alabama

<http://www.nsbe-northalabamaae.com>

# Updates on FEA Events

## UA Campus Tour (October 1)

Future Engineers of America (FEA) will be hosting a campus tour to the University of Alabama on October 1<sup>st</sup> 2015. The University will be showcasing their Engineering Day "E-Day" Open House.

During this open house, information regarding admissions to UA, housing, financial aid, scholarships, honors programs, Air Force ROTC and much more will be available for students and parents to enjoy.

To register for the event go to:  
<http://eng.ua.edu/undergraduate/e-day/>

At this link, you will find additional event details such as parking instructions as well as a campus map.

LUNCH WILL BE PROVIDED to FEA students traveling with NSBE Birmingham!

Students interested in attending the University of Alabama are encouraged to seriously consider making the trip.

Future Engineers of America is led by PCI co-chairs Julian Grant and Kreana Pye



Julian Grant



Kreana Pye



## Save the Date The Next Meeting is October 11<sup>th</sup>

The next FEA meeting is scheduled for October 11, 2015. The agenda will include a **Next Steps For College** presentation on **Social Media** and a Featured **Engineering** presentation on **Civil Engineering**

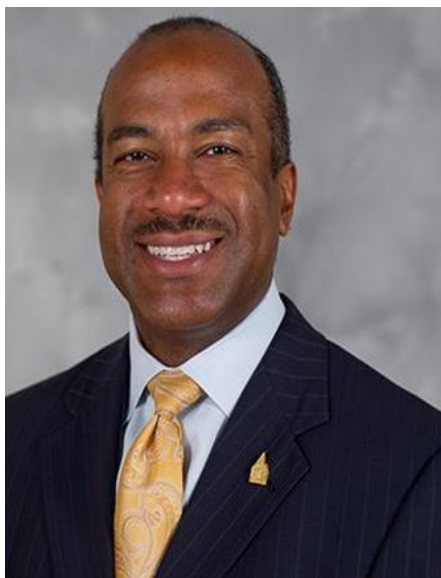
FEA meetings are held at the Alabama Corporate Headquarters. Located at:

600 North 18<sup>th</sup> Street  
Birmingham, AL 35203

Those interested in volunteering as FEA advisors should contact the PCI co-chairs at [pci@nsbebham.org](mailto:pci@nsbebham.org)

## NSBE National Advisor Honored by President Obama

by NSBE March 27, 2015



Gary S. May, Ph.D., national advisor, lifetime member and former national chair of the National Society of Black Engineers (NSBE), has been honored by President Barack Obama with the Presidential Award for Excellence in Science, Mathematics, and Engineering Mentoring (PAESMEM). Dr. May, dean of the College of Engineering at Georgia Tech, received news of the award on Friday, March 27, during his attendance at [NSBE's 41st Annual Convention](#), in Anaheim, Calif. He will receive the award during a White House ceremony later this year.

The Presidential Award for Excellence in Science, Mathematics, and Engineering Mentoring is given to individuals and organizations to recognize "the crucial role that mentoring plays in the academic and personal development of students studying science and engineering — particularly those who belong to groups that are underrepresented in these fields," a White House news release stated. "By offering their expertise and encouragement, mentors help prepare the next generation of scientists and engineers while ensuring that tomorrow's innovators represent a diverse pool of science, technology, engineering, and mathematics talent throughout the United States."

"These educators are helping to cultivate America's future scientists, engineers and mathematicians," President Obama said. "They open new worlds to their students, and give them the encouragement they need to learn, discover and innovate. That's transforming those students' futures, and our nation's future, too."

"It is both ironic and very appropriate that this occurred while I am here at the NSBE convention among my dear friends, colleagues, and family," said Dr. May. "NSBE is the place where I learned the importance of mentoring and the need to be a role model for the next generation of engineers."

Dr. May was one of 14 recipients of the award, which recognized their mentoring activities in 2012 and 2013. Each honoree will also receive a \$10,000 award from the National Science Foundation.

"This award to Dr. May proves the power of NSBE's mission and how we carry it out," said Sossena Wood, NSBE's 2013–15 national chair. "Dr. May honed his leadership skills as a graduate student, and was mentored by older NSBE members, during his time as our organization's top officer. Now he's using what he learned to continue the cycle of success."



The Presidential Award for Excellence in Science, Mathematics, and Engineering Mentoring (**PAESMEM**) is the highest national mentoring award. The award, established in 1996 by the [White House](#), through the [National Science and Technology Council \(NSTC\)](#) and the [Office of Science and Technology Policy \(OSTP\)](#), is administered on behalf of the White House by the [National Science Foundation](#).

[Read More](#)

## 2015-2016: NSBE Birmingham Planned Events



NSBE Birmingham is excited about the upcoming programs and events that will be offered this year!

Mark your calendars for planned activities.

### 2015

#### October

- Managing Your Health / Breast Cancer Awareness (Oct 1-10)
- Future Engineers of America (Oct 11) Alabama Power HQ
- Break-Out Birmingham Event (Oct 18)

#### November

- Networking Outing with UAB NSBE Chapter (Nov 7)
- Future Engineers of America (Nov 8) Alabama Power HQ
- Book Discussion & Leadership Roundtable (TBD)

#### December

- NSBE Holiday Mixer (Dec 8) The Club of Birmingham
- Future Engineers of America (Dec 13) Alabama Power HQ

### 2016

#### January

- Future Engineers of America (Jan 10) Alabama Power HQ
- MLK Day of Service (Jan 18) Inhabit Bush Hills

#### February

- Future Engineers of America (Feb 14) Alabama Power HQ
- General Body Meeting (TBD)

#### March

- Future Engineers of America (March 13) Alabama Power HQ
- Scholarship Application Review Process

#### April

- Future Engineers of America (Apr 13) Alabama Power HQ
- Scholarship Interviews

#### May

- Future Engineers of America (May 1) Alabama Power HQ
- 35<sup>th</sup> Annual Scholarship Banquet (May 7) McWane Science Center

#### June

- NSBE Birmingham Executive Board Nominations & Elections

#### July

- NSBE Birmingham Family Fun Day (TBD)

To volunteer to help organize these events please contact the Programs & Membership Chair, [Jermaine Clements](#), at [programs@nsbebbham.org](mailto:programs@nsbebbham.org)



**Jermaine Clements**

Visit us at  
[www.nsbebbham.org](http://www.nsbebbham.org)



<http://www.linkedin.com/groups/NSBE-Birmingham-Professional>



1500 First Avenue North  
Birmingham, AL 35203  
205.250.8000



## Give Us Your Feedback!

What can we do to improve your membership experience?

Please send comments and suggestions to our

Programs/Membership Chair at [membership@nsbebham.org](mailto:membership@nsbebham.org)

**National Society of Black Engineers -  
Birmingham Professionals**

**PO Box 380714**

**Birmingham, Alabama 35238-0714**

## Contact us:

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Treasurer	<a href="mailto:treasurer@nsbebham.org">treasurer@nsbebham.org</a>
Pre-College Initiatives	<a href="mailto:pci@nsbebham.org">pci@nsbebham.org</a>
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