



## 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 this mission by organizing 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.

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

Follow us on Twitter, LinkedIn, YouTube, and Facebook

## EXECUTIVE BOARD

President:	Julian Grant
Vice President:	Katrina Crenshaw
Communications Secretary:	Jeremy Wiley
Treasurer:	Kreana Pye
Parliamentarian:	Jermaine Clements

## COMMITTEE CHAIRS

Finance:	Reginald Murchison
Fundraising:	Julia Clarke
Pre-College Initiatives:	Ashley Barnes
Members/Programs	Jermaine Clements

## IN THIS ISSUE

- Math and Science Day Summary
- Chapter Announcements
- CI Mentoring Opportunity
- 8 vs. 80 Golf Challenge
- 2016 Arts & Culture T.O.R.C.H. Award
- Thank You to Members
- 2016-2017 NSBE BHAM Events
- Updates on FEA
- Join a NSBE BHAM Committee





# Day Summary

## Theme: May the Force Be With You!

Saturday July 30, 2016  
Five Points West Library

The 16th Annual Math and Science Fun Day held on July 30<sup>th</sup> explored many of the forces of nature, such as gravity, magnetism, static electricity, physics, chemistry, biology, weather and centrifugal.

This program was free to all ages and allowed youngsters to get involved in kid-friendly, scientifically based, hands-on activities.

WIAT TV42 weather was on hand to engage the youth and educate them on storm safety.

### FORCE ACTIVITIES

- Air - wind, straws, bubble in bubble, lifesaver cars
- Biology, ants drink colored water
- Biology, human pulse
- Centripetal force
- Centrifugal force
- Chemical – explosives, elephant's toothpaste
- Chemicals - dissolving
- Density – different liquids, beads
- Elasticity
- Flight – lift, drag, thrust, gravity
- Friction
- Gravity
- Light waves
- Magnets – metals, salt and pepper
- Planets
- Pressure gauges
- Pull – hand pulleys
- Push – sliding rockets, Cartesian divers,
- Rube Goldberg - motion
- Static electricity
- Sound waves – pan pipes, whistles
- Water
- Weather



Several engineering volunteers from NSBE Birmingham and other organizations took leadership on a number of activities.

Volunteers included:

**Sherri Radney, Ashley Newton, Adrienne Newton, Circe Starks, April Sibley, Fredrick Sibley, Deidra Garrett, Tamara Johnson, and Brian Rice**



CHAPTER ANNOUNCEMENTS



Please help me in welcoming new members:

**O'Terral Maze**

Project Engineering Manager, Honda of Alabama

**Anika Meadows**

Evaluation Specialist, International Code Council - Evaluation Services, LLC



Congratulations to **Katrina Crenshaw** on her new role as a Birmingham Education Foundation (Ed) Program Specialist. In her new role she will plan and manage programs that ensure more Birmingham City students graduate from high school prepared to go to college or into a career.

CI Mentoring Opportunity



The University of Alabama student chapter of NSBE offers an invitation to attend their kick-off meeting on September 1, 2016.

The meeting will be in the South Engineering Research Center Building at 6:00PM.

Those interested in acting as mentors to the chapter should contact [Nivory Gordon](#)

8 -vs- 80 Golf Challenge



The Beta Mu Nu Chapter of Omega Psi Phi, Fraternity, Inc. is requesting your support for their "8-vs-80" Golf Challenge being held on August 28<sup>th</sup> at the Frank House Municipal Golf Course. **(See flyer on next page)**

The golfing event supports Lifting as We Climb Foundation's (LAWCF) who has a goal for this event to continue to shed an aspiring light within the community as we raise funds that benefit the foundation's efforts to provide annual scholarships, school supplies, and charitable donations to families in need, as well as champion the causes of a multitude of other worthy entities.

Contributions will benefit:

- The Sickle Cell Foundation, Inc.
- American Heart Association
- SGK Race for the Cure
- American Diabetes Association
- American Foundation for Suicide Prevention
- Habitat for Humanity
- Toys-for-Tots

2016 Arts & Culture T.O.R.C.H. Award



This month NSBE Birmingham was notified that they were the **2016 Arts & Culture T.O.R.C.H. Award** recipient. This award is giving to recognize outstanding community involvement that encourages cultural and creative development

In addition to this award, NSBE Birmingham is recognized as the **2016 Region III Chapter of the Year** and **2016 PCI Chapter of the Year**

Thank You to Our Members



To the NSBE Birmingham Chapter! Without you, my dreams are impossible. Thank you for investing in my future! - *Taylor R. Hargrove*

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>



# Sign Up Today!



**FRANK HOUSE MUNICIPAL GOLF COURSE  
801 GOLF COURSE ROAD, BESSEMER, ALABAMA 35022**

## *- Registration -*

_____ HOLE SPONSORSHIP	\$500.00
_____ SPECTATOR SPONSORSHIP	\$300.00
_____ INDIVIDUAL PLAYER	\$80.00
SPECTATOR'S DAY PARTY TICKETS:	\$30.00
# _____ PLAYERS      # _____ SPECTATOR TICKETS	
TOTAL \$ _____	

NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

\_\_\_\_\_

PHONE: \_\_\_\_\_

E-MAIL: \_\_\_\_\_

PARTNER (OPTIONAL): \_\_\_\_\_

FORMAT: 2 PLAYER SCRAMBLE ( BEST BALL )

THE CHALLENGE: "8 -VS- 80"

( 8 WINNERS / 80 PLAYERS )

SHOTGUN START @ 1:30 P.M.

— 1ST, 2ND, 3RD, & 4TH PLACE FINISHES —

## *- Sponsorship -*

### HOLE SPONSORSHIP PACKAGE

- SPONSOR PRESENCE AND SIGNAGE AT CHOICE OF HOLE LOCATION (TEE BOX OR GREENSIDE)
- NOTE: SELECTIONS ARE 1ST COME / 1ST SERVE FOR 18 TEE BOX & 18 GREENSIDE LOCATIONS.
- 2 PLAYER SPOTS & 1 SPECTATOR PASS (TICKET)

### SPECTATOR SPONSORSHIP PACKAGE

- SPONSOR SIGNAGE AT CHOICE OF HOLE LOCATION (100 YD. MARKER OR PAR 3 CART PATH)
- NOTE: SELECTIONS ARE 1ST COME / 1ST SERVE FOR LOCATIONS.
- 2 SPECTATOR PASSES (TICKETS)

### INDIVIDUAL PLAYER REGISTRATION PACKAGE

- 1 PLAYER SPOT (SPECTATOR PARTY TICKET INCLUDED)

### PAYMENT INFORMATION:

\_\_\_\_\_ CHECK:

MAKE CHECKS PAYABLE TO:

THE LIFTING AS WE CLIMB FOUNDATION

C/O: BETA MU NU CHAPTER

P.O. BOX 832, CALEBA, ALABAMA 35040

\_\_\_\_\_ CREDIT CARD:

VISIT: [WWW.BEFAMUHQUES.ORG](http://WWW.BEFAMUHQUES.ORG) OR

[WWW.BMNGOLFCHALLENGE2016.EVENTBRITE.COM](http://WWW.BMNGOLFCHALLENGE2016.EVENTBRITE.COM)

### FOR MORE INFORMATION CONTACT:

RODNEY MOON @ (205) 356-5533

ANTHONY DOTSON @ (205) 602-7988 OR

BRYANT CINE @ (256) 797-3221

*Hosted By*



**THE BETA MU NU CHAPTER OF OMEGA PSI PHI FRATERNITY, INC.**

THE LIFTING AS WE CLIMB FOUNDATION IS A 501(C)3 NONPROFIT ORGANIZATION

## 2016-2017: NSBE Birmingham Events



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

Mark your calendars for planned activities.

### 2016

#### August

- Family Fun Day (TBD)
- NSBE Run Starts (Aug 6)

#### September

- NSBE General Body Meeting (TBD)
- University of Alabama Student Chapter Kick-off Meeting (Sept 1)
- Week 6 NSBE Run (Sept 10)  
Lakeshore Trail
- Future Engineers of America (Sept 11)  
Alabama Power HQ
- Week 7 NSBE Run (Sept 17)  
Veteran's Park
- Week 8 NSBE Run (Sept 25)  
Lakeshore Trail

#### October

- Managing Your Health / Breast Cancer Awareness
- Future Engineers of America (Oct 9)  
Alabama Power HQ

#### November

- Future Engineers of America (Nov 13)  
Alabama Power HQ
- Book Discussion & Leadership Roundtable (TBD)

#### December

- Future Engineers of America (Dec 11)  
Alabama Power HQ
- NSBE Holiday Mixer (Dec 13)  
The Club of Birmingham

### 2017

#### January

- Future Engineers of America (Jan 8)  
Alabama Power HQ
- MLK Day of Service (Jan 16)

#### February

- Future Engineers of America (Feb 12)  
Alabama Power HQ
- General Body Meeting (TBD)

#### March

- Future Engineers of America (March 12)  
Alabama Power HQ
- Scholarship Application Review Process

#### April

- Future Engineers of America (Apr 9)  
Alabama Power HQ
- Scholarship Interviews

#### May

- 36<sup>th</sup> Annual Scholarship Banquet (May 6)  
McWane Science Center
- Future Engineers of America (May 7)  
Alabama Power HQ

#### 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](mailto:programs@nsbebham.org), at [programs@nsbebham.org](mailto:programs@nsbebham.org)



**Jermaine Clements**

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



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

# Updates on FEA Events

## Kick Off Meeting

**September 11, 2016**

The kick-off meeting for our Future Engineers of America (FEA) program is September 11, 2016.

In our Future Engineers of America (FEA) Program students are exposed to different aspects of the engineering profession through monthly interactive sessions.

The innovative program allows students to participate in engineering based group activities that will help them determine which Engineering discipline best fits their goals and personality.

The program hosts 3-5 fully funded college trips and also offers the opportunity for students to volunteer in scheduled NSBE-Birmingham community service projects.

FEA meetings are held at the Alabama Corporate Headquarters. Topics that will be covered during the 2016-17 school year are shown below.

- Mechanical Engineering
- Civil Engineering
- Computer Science
- Electrical & Computer Engineering
- Materials Engineering
- Chemical Engineering
- Biomedical Engineering



Future Engineers of America (FEA) is led by PCI chair Ashley Barnes



**Ashley Barnes**

## Join a NSBE BHAM Committee

If you would like to get more involved with the planning and organization of NSBE Birmingham, please volunteer to be a part of one of the committees. Available areas are

### Communications

([communications@nsbebam.org](mailto:communications@nsbebam.org))

### Pre-College Initiatives/FEA

([pci@nsbebam.org](mailto:pci@nsbebam.org))

### Membership & Programs

([membership@nsbebam.org](mailto:membership@nsbebam.org))

### Finances

([finance@nsbebam.org](mailto:finance@nsbebam.org))

### Fundraising

([fundraising@nsbebam.org](mailto:fundraising@nsbebam.org))

## 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:

<b>President</b>	<b><a href="mailto:president@nsbebham.org">president@nsbebham.org</a></b>
<b>Vice President</b>	<b><a href="mailto:vicepresident@nsbebham.org">vicepresident@nsbebham.org</a></b>
<b>Communications Secretary</b>	<b><a href="mailto:communications@nsbebham.org">communications@nsbebham.org</a></b>
<b>Treasurer</b>	<b><a href="mailto:treasurer@nsbebham.org">treasurer@nsbebham.org</a></b>
<b>Pre-College Initiatives</b>	<b><a href="mailto:pci@nsbebham.org">pci@nsbebham.org</a></b>
<b>Membership</b>	<b><a href="mailto:membership@nsbebham.org">membership@nsbebham.org</a></b>
<b>Finance</b>	<b><a href="mailto:finance@nsbebham.org">finance@nsbebham.org</a></b>

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<https://twitter.com/nsbebham>



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