Support Birmingham STEM Activities

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.

Visit us at www.nsbebham.org

Follow us on Twitter, LinkedIn, YouTube, and Facebook
Summer STEM Activities in Alabama

University of Alabama Birmingham Summer Engineering Program
The University of Alabama Birmingham Summer Engineering Program includes interactive lectures, hands-on laboratory sessions and a multi-day engineering design project. The program is designed to help participants learn about and experience the field of material engineering.
**Participants:** Grades 6-12.
**Website:** [UAB Summer Engineering](#)

UB Summer Science Institute
CORD offers a three summer research experiences for high school students. 
**Summer #1:** Fundamentals of Biology  
**Summer #2:** Advanced Biology  
**Summer #3:** Research Laboratory  
**Participants:** Grades 9-12  
**Website:** [UAB Summer Science](#)

Auburn University Summer Engineering Program
The Auburn University College of Engineering provides opportunities for rising 8th through 12th graders to experience the world of engineering through resident summer camps. The camps will be conducted by faculty, staff, and students from the Samuel Ginn College of Engineering who will ensure that students receive a broad overview of the engineering profession. Camp activities include workshops, tours, and lectures.
**Website:** [Auburn Summer Engineering](#)

Auburn University Summer Architecture Program
The Auburn University Architecture Camp is offered to rising 11th and 12th grade high students interested in the field of architectural design. The program is an intensive, exciting, week-long workshop that begins with basic concepts and ends with an architectural design project.
**Participants:** Grades 11-12.
**Website:** [Auburn Summer Architecture](#)

Samford University Minority Youth Science Academy
The Minority Youth Science Academy at Samford University is a three-day residential program offering college preparation and mentoring for outstanding minority high school students who aspire to careers in the sciences. A limited number of rising 10th - 12th grade students will live and study at one of the region's top universities as they enjoy activities including:
- experiments in biology and engineering/technology
- college application counseling
- study skills and test preparation
- social activities
- networking and mentoring
- Q&A with minority scientists and college science students
**Participants:** Grades 10-12  
**Website:** [Samford MYSa](#)

Tuskegee University AgriTREK and AgDiscovery Summer Program
The AgriTREK and AgDiscovery Summer Program are two-week residential educational programs for high school students. The programs are designed to create awareness about opportunities that are available in Science, Technology, Engineering, Agriculture and Mathematics (STEAM) and related areas through hands-on research, leadership development and personal enrichment activities.  
**Website:** [Tuskegee Summer Programs](#)

Girls Inc. Summer Program
Girls Inc. is currently accepting applications for the 2015 Summer Program. The Program will take place June 1st – July 31st from 7AM- 6PM weekdays and will cost $525 for new members (includes $25 membership fee) and $500.00 for current members paid through 2015. Activities include summer learning loss, field trips, swimming, health education, creative writing, sports, and more! Contact El’Vira Parks at eparks@girlsinccentral-al.org or 205-599-5555 for more information.
Please congratulate the following members on their new jobs:

Julian Grant  Promoted to Power Delivery Distribution Engineer II for Alabama Power
Marsha Morgan  Operations Compliance Coordinator for Southern Company

FAST FACTS

March 26, 2015

President Barack Obama spoke at Lawson State Community College in Birmingham on March 26th.

President Obama spoke on economic issues that impact urban communities.

The president has a new program called Tech Hire. The program seeks to form collaboration between local community colleges, Universities and high schools in steering students to traditional and nontraditional educational opportunities which helps teach them to not only be new entrepreneurs, but also to work with new and existing technologies.

Girls Engineering Conference
Alabama Power
March 21, 2015
9 a.m. - 3 p.m.

More than 200 volunteers – employees of Alabama Power and Southern Company – work with middle school girls through iCan to introduce them to the concept of engineering with hands-on activities and field trips. Since only six Birmingham-area schools are included in the program so far, iCan also sponsors a Girls Engineering Conference each spring that is open to all interested participants.

This year’s event allowed girls to listen to guest speakers, work on hands activities, and meet with engineering professionals. Those included in iCan volunteers were NSBE Birmingham members Chandra Blackmon, Adrienne Newton, Edna Weaver, LaQuisha Thomas, and Shunna Cannon.

Participating iCan Middle Schools:
• Berry Middle School
• Bumpus Middle School
• Phillips Academy
• Simmons Middle School
• Erwin Middle School
• Hewitt-Trussville Middle School

Super Saturday STEM Summit
Samford University / Christenberry Planetarium
March 21, 2015
12:00 p.m. - 4 p.m.

The Super Saturday STEM SUMMIT exposes 100 girls in the 7th thru 12th grades to successful women in STEM career fields.

This is the second year of the event. The event theme was “Reaching for the Stars through Science and Math”.

The summit is hosted by Briana Kinsey, a senior majoring in Biology/ Pre-medicine at the University of Alabama.

Volunteers for the event presented two 20 minute workshops followed by 10 minutes of Q&A on their career field.

Deidra Garrett and Cathy Floyd of NSBE Birmingham presented on Engineering.
NSBE Birmingham Professionals places its origins with the formation of the Central Alabama Chapter of the National Society of Black Engineers (CAC-NSBE).

CAC-NSBE was the result of a merger between the Birmingham Chapter of the National Society of Black Engineers - Alumni Extension (NSBE-AE) and the Engineers for Professional Development (EPD). The two original organizations saw the need and advantages of becoming one strong and committed organization. Their vision was to serve, support and encourage students, business professionals and the greater Birmingham community.

The EPD, founded in 1981, was the eldest of the two organizations and like NSBE Birmingham the group measured their accomplishments through the amount of influence they garnished into the education of high school and engineering students as well as new engineers pursuing their Professional Licenses.

In May of 1990, EPD received the Herman H. Long Community Service Award as Professional Organization of the Year from the Greater Birmingham Inter-Alumni Council of the United Negro College Fund. The award is named for the late president of Talladega College, which is a UNCF member institution.
34 Years of NSBE Members Have Given of Their Time and Riches to Motivate Change in Birmingham.
Please Support the 34th Annual NSBE Birmingham Scholarship Banquet

The Birmingham Professionals Chapter of the National Society of Black Engineers invites you to the 34th Annual Scholarship Awards Banquet to be held May 2nd, at the McWane Science Center. Dinner begins at 6 p.m.

To ensure your reservation, please contact us prior to April 17, 2015, and return this form and donation to the following address:

NSBE-BAE
PO Box 380714
Birmingham, AL 35238

Corporate Giving Levels

Diamond Level Banquet Sponsorship $5000
- Sponsor (3) $1500 Scholarship Awards
- Full Page Advertisement in Program
- Complimentary Corporate Table
- Recognition during Awards Banquet

Platinum Level Banquet Sponsorship $3500
- Sponsor (2) $1500 Scholarship Awards
- Full Page Advertisement in Program
- Complimentary Corporate Table
- Recognition during Awards Banquet

Gold Level Banquet Sponsorship $2500
- Sponsor (2) $1000 Scholarship Awards
- Full Page Advertisement in Program
- Complimentary Corporate Table
- Recognition during Awards Banquet

Silver Level Banquet Sponsorship $1000
- Sponsor (1) $1000 Scholarship Award at the NSBE Scholarship Banquet
- Full Page Advertisement in Program

Member Giving Levels

Key to the Future Contributor $150
- Two (2) Banquet tickets
- NSBE Scholarship donation
- Business Card Ad
- 2015-2016 NSBE BHAM Member Dues

Legacy Contributor $250
- Two (2) Banquet tickets
- NSBE Scholarship donation
- Business Card Ad
- 2015-2016 NSBE National Member Dues (includes associated member discounts)
- 2015-2016 NSBE BHAM Member Dues

Key Note Speaker:
Dr. Gwendolyn E. Boyd
Alabama State University President

Mistress of Ceremonies:
Ronda Robinson
Fox 6 Consumer /Investigative Reporter

Fundraising Contacts
Deidra Garrett
(205) 257-5602

Christopher Whitfield
(205) 992-5071
Future Engineers of America Hit the Road: Touring UAB, TSU, and Tuskegee

The Future Engineers of America (FEA) will tour the campuses of several schools in the month of April.

April 3 – UAB School of Engineering and Campus Tour

On April 3rd FEA will tour the UAB School of Engineering and the university campus. The tour will be led by Dr. Hassan Moore. Students will have the opportunity to experience departmental labs, visit student dorms, and browse campus attractions.

The tour will start at the UAB Business and Engineering Complex (BEC) located at 1150 10th Avenue South
Birmingham, Alabama 35233

Transportation to the campus will be the responsibility of the students.

Lunch will be provided. The duration of the tour will be from 9:00am-12:30pm

April 11 – Tennessee State Blue and White Game / Campus Tour

On April 11th FEA will participate in the Tennessee State University Legends Weekend.

The trip is being co-sponsored by the Tennessee State University Alumni Chapter.

Students will enjoy the Blue and White Game and have the opportunity to tour the campus.

The group will leave from the Alabama Power Building at 6:00A.M. and return at 4:00P.M.

600 North 18th Street
Birmingham, Alabama 35203

Transportation will be provided by FEA.

April 20 – Tuskegee University Campus Tour

On April 17th FEA will tour the Tuskegee University campus. Students will have the opportunity to experience departmental labs and browse the campus.

The tour will leave from the Alabama Power Building at 6:00A.M. and return at 4:00P.M.

600 North 18th Street
Birmingham, Alabama 35203

Transportation will be provided by FEA.

If you know of a student that is interested in joining FEA or the campus tours please contact the Pre-College Initiative co-chairs at pcl@nsbebham.org

PCI chairs Julian Grant and Michael Gordon.
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

Contact us:

President               president@nsbebham.org
Vice President          vicepresident@nsbebham.org
Communications Secretary communications@nsbebham.org
Treasurer               treasurer@nsbebham.org
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