The 31st BEYA Global Competitiveness Conference

FEBRUARY 9-11, 2017
WASHINGTON MARRIOTT WARDMAN PARK
WASHINGTON, DC

2017 BLACK ENGINEER OF THE YEAR
Dr. Eugene DeLoatch

Conference Hosts
LOCKHEED MARTIN

Conference Co-Sponsors
Aerotek
GENERAL DYNAMICS
Engineering affects all of our lives in ways that were not imaginable 50 to 75 years ago. We all have new conveniences and tools in our homes. All of this means the role of engineers will be even more important in the future.

Dr. John Brooks Slaughter
1987 Black Engineer of the Year
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View the Interactive Schedule of Events at www.beya.org
Dear Corporate, Government, and Military Leaders:

On behalf of The Council of Engineering Deans of the Historically Black Colleges and Universities (HBCUs), it is with pleasure that I welcome you to the 31st Black Engineer of the Year Awards (BEYA) Science, Technology, Engineering, and Mathematics (STEM) Global Competitiveness Conference. As Chairman of the Council of Engineering Deans, I strongly encourage you to participate in this conference because it will reveal powerful opportunities that will “make a difference in your life.”

As we “grow into the future to lead the world,” our framework for the conference will focus on innovative concepts developed in bioengineering, careers in cyber space tactics/computer engineering security, high performance computational sciences, climate change and environmental sustainability programs, and research which focuses on the growth of compound semiconductors, microwave/power conversion devices, and solar cells.

College students will have the assurance to further increase their viability in research, commercial, governmental, industry, and academic marketplaces by participating in the Development Institute for Emerging Leaders (DIEL). It is my desire that you will take advantage of the opportunity to attend some of the seminars, as well as the HBCU Engineering Dean’s Power Breakfast, all of which are intended to positively impact the aspirations of everyone who will be in attendance.

This year’s events will conclude with a formal 31st BEYA Gala, where the many talents and achievements of tomorrow’s global leaders in technology will be present and recognized. I (Dr. Eugene Morris DeLoatch, Dean Emeritus of the Clarence M. Mitchell, Jr. School of Engineering at Morgan State University) am humbly honored and proud to be selected as the 2017 Recipient of the Black Engineer of the Year Award.

This unparalleled 31-Year BEYA Global Competitive Conference has grown and developed to be recognized as one of the most exclusive STEM Symposia world-wide. Please join us on this special occasion and trust that you will enjoy the entire weekend.

Sincerely,

Eugene M. DeLoatch, Ph.D.
Dean Emeritus
Dear BEYA Participants:

Welcome to the 2017 BEYA STEM Global Competitiveness Conference.

Lockheed Martin is proud to partner with USBE&IT Magazine and the Council of Engineering Deans at Historically Black Colleges and Universities to co-host what will be another outstanding event.

We’ve been supporting BEYA since the beginning – in 1987 – because it convenes hundreds of scientists, engineers, educators, and corporate leaders to focus on a common goal: to ensure that the African-American community plays a leading role in our nation’s science, technology, engineering, and math (STEM) competitiveness.

As a global leader in strengthening security and advancing scientific discovery, Lockheed Martin recognizes that the STEM fields are at the root of all innovation. And the most transformative technologies occur when we bring together our best talent, with different backgrounds, experiences and perspectives.

This year’s conference theme reminds us to move “Full STEM Ahead.” We hope to inspire and prepare the STEM innovators of today and tomorrow by honoring some of the nation’s top technical talent.

On behalf of the 98,000 men and women of Lockheed Martin, I am delighted to congratulate the 2017 Black Engineer of the Year Award honorees, including the 36 of Lockheed Martin teammates who will receive an award this year. In addition to their contributions to the fields of science, technology, engineering, and math, these honorees and other conference attendees play an important role in showing young people what can be accomplished with a STEM education.

I encourage professionals and students alike to make full use of all this conference has to offer – from the networking events and career fair to the professional development seminars and workshops.

Enjoy the conference!

Sincerely,

Marillyn A. Hewson

Chairman, President and Chief Executive Officer

Lockheed Martin Corporation
6801 Rockledge Drive, Bethesda, MD 20817
BEYA Conference Participants,

On behalf of Aerotek, I welcome all nominees, presenters and attendees of the Black Engineer of the Year (BEYA) Awards Science, Technology, Engineering and Mathematics (STEM) Conference. As a leading provider of engineering, technical and scientific recruiting and staffing services, we are proud to work with many of you, as we fulfill our commitment to connecting the highest quality talent with companies that can help them build rewarding careers.

Global competitiveness in STEM fields has never been more crucial than it is today. The people we will honor during the conference carry on BEYA’s legacy of recognizing those who set the bar higher in driving innovation and inspiring future generations of professionals.

In partnership for more than a decade, Aerotek and BEYA share a deep appreciation for excellence inside and outside the workplace. We believe there’s more to a person than a resume or a set of skills and that, coupled with our unique perspective into the relationship between talent and business, is what we mean when we say Our People are Everything.

We encourage all attendees to take advantage of the outstanding opportunity to learn and cultivate new relationships over the next three days so we can continue to strengthen the STEM community as a whole.

Congratulations to all nominees on your accomplishments. We wish you continued success.

Sincerely,

Todd Mohr
President
Aerotek® Inc.
Dear 2017 BEYA Conference Participants:

On behalf of the men and women of General Dynamics, I am honored to welcome you to this year’s conference.

Throughout the world, conflict, instability, extremism and asymmetric warfare remain on the horizon. Fortunately for us in the United States, the technological superiority enjoyed by our Soldiers, Sailors, Airmen and Marines provides a truly decisive strategic advantage. That advantage, though, cannot be taken for granted. It requires constant investment by both government and industry in science, technology, engineering and mathematics. At General Dynamics, our STEM investments – in a world-class, diverse STEM workforce – are central to our value proposition. Our STEM professionals help us to deliver to our military the most technologically advanced warfighting solutions in the world.

We are delighted to co-sponsor this year’s conference. I offer my warmest congratulations to all of this year’s award winners, and I hope that you will take the time to introduce yourself to one of the many General Dynamics attendees.

Sincerely,

Phebe N. Novakovic

Phebe N. Novakovic

Chairman and Chief Executive Officer

GENERAL DYNAMICS

STRENGTHENING AMERICAN SCIENCE AND TECHNOLOGY
We have to excite [young people] about the wonders of the natural world. We have to invite them by letting them know that they too can become scientists or engineers or work in these fields.

Dr. Shirley Ann Jackson
2001 Black Engineer of the Year
CONFERENCE ROAD MAP

For the young professional preparing to graduate from college or those new to the workplace.

Making the most of your time at the BEYA STEM Conference (BEYA) is our number one goal for you. We want your time at the conference to be productive and memorable. BEYA offers many opportunities to network, learn, find internships or first jobs, and to find inspiration.

1. NETWORK
BEYA is all about networking in a community of people who’ve been where you are or are your peers. Either way, there are formal venues that you should put on your schedule:
- STEM Innovations Awards Dinner
- Speed Networking Receptions
- HBCU Engineering Deans’ Breakfast
- BEYA Gala Reception
- BEYA Stars & Stripes Dinner

2. BRUSH UP ON YOUR INTERVIEW SKILLS FRIDAY AFTERNOON
This one and a half hour workshop is designed to give you tips to help you present your best you at Saturday’s career fair.

3. PREPARE FOR SATURDAY
A marathon day that includes, soft skills training, a career fair, and the BEYA Gala.

   a. Download the conference app and build your schedule to balance learning opportunities and the career fair. Add your schedule to your calendar.
   b. Visit the resume room to update or copy your resume for distribution.

4. BRING YOUR BEST YOU TO THE BIG DAY, SATURDAY
Dress professionally. Meet people who will help to advance your goals. Be inspired by those who’ve accomplished the improbable!

START

GOAL
I would suggest young people consider emerging areas of opportunity: bio-engineering, civil engineering, nano-technology, analytics, security, sensor technology, [and] material science.

Dr. Mark E. Dean
2000 Black Engineer of the Year
THE 2017 BEYA MOBILE APP IS HERE!

Join us as we take the first steps towards making the BEYA STEM Conference an eco-friendly event as we introduce the interactive BEYA mobile app!

The BEYA mobile app is a simple interactive tool that allows you to strategically plan and customize your conference experience. One of our favorite features is the ability to export your customized conference schedule to the calendar on your mobile device. Your schedule is then organized onto a dashboard that guides you through the conference weekend. Check out these additional features to optimize your conference experience:

- Plan and organize event, exhibitor, and speaker information of interest
- Plan your conference schedule
- Download and view event handouts
- Connect with fellow attendees
- Receive BEYA event update alerts
- Email speakers and exhibitors
- Locate and bookmark exhibitors to visit on the in-app floor plan

An optimized experience awaits you. Download the app now to get started.

HOW TO DOWNLOAD THE MOBILE APP

FOR APPLE AND ANDROID DEVICES: Visit the App Store or Google Play on your device and search for “Career Communications Group.”

FOR ALL OTHER MOBILE OPERATING SYSTEMS: Visit and bookmark m4.goeshow.com/ccgroup/beyastem/2017 for the in-browser experience.

FOR FULL ACCESS to all the features available, login to the app with the same username and password you receive in your registration confirmation and visit the My Planner section.
## Conference Schedule at a Glance

**Thursday, February 9, 2017**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 a.m. – 7:00 p.m.</td>
<td>Registration</td>
<td>Lobby Level</td>
</tr>
<tr>
<td>7:00 a.m. – 7:00 p.m.</td>
<td>Corporate Sponsors Lounge</td>
<td>Lobby Level</td>
</tr>
<tr>
<td>11:30 a.m. – 1:00 p.m.</td>
<td>SEMINAR 2419: HBCU VP of Research Executive Forum (Invite Only)</td>
<td>Virginia Suite C – Lobby Level</td>
</tr>
<tr>
<td>12:00 p.m. – 5:00 p.m.</td>
<td>AMIE Board Meeting</td>
<td>Mezzanine Level</td>
</tr>
<tr>
<td>1:00 p.m. – 2:15 p.m.</td>
<td>SEMINAR 2419: Success Stories: Status of Major HBCU/MSI Consortia</td>
<td>Lobby Level</td>
</tr>
<tr>
<td>1:00 p.m. – 2:15 p.m.</td>
<td>SEMINAR 2420: Technology Commercialization: Taking HBCU/MSI Research to the Marketplace</td>
<td>Lobby Level</td>
</tr>
<tr>
<td>2:30 p.m. – 3:45 p.m.</td>
<td>SEMINAR 2421: Recruitment of STEM Research Minority Faculty in an Increasingly Competitive Environment</td>
<td>Lobby Level</td>
</tr>
<tr>
<td>2:30 p.m. – 3:45 p.m.</td>
<td>SEMINAR 2422: Federal Research Funding Opportunities for HBCU/MSIs</td>
<td>Lobby Level</td>
</tr>
<tr>
<td>5:00 p.m. – 5:30 p.m.</td>
<td>DIEL Orientation</td>
<td>Lobby Level</td>
</tr>
<tr>
<td>5:30 p.m. – 7:00 p.m.</td>
<td>Alumni Welcome Reception</td>
<td>Lobby Level</td>
</tr>
<tr>
<td>7:00 p.m. – 9:00 p.m.</td>
<td>STEM Innovations Awards Dinner</td>
<td>Ballroom – Mezzanine Level</td>
</tr>
<tr>
<td>7:00 p.m. – 9:00 p.m.</td>
<td>STEM Innovations Awards Dinner</td>
<td>Thurgood Marshall Southwest Ballroom – Mezzanine Level</td>
</tr>
<tr>
<td>9:30 p.m. – 11:30 p.m.</td>
<td>BEYA Research Rocks Opening Night Party</td>
<td>Thurgood Marshall Southwest Ballroom – Mezzanine Level</td>
</tr>
</tbody>
</table>

**Workshop Tracks**

- 100 – Leadership
- 200 – Professional Skills
- 300/400 – Professional Development
- 500 – Diversity
- 600 – Pre-Professional
- 700 – Corporate Signature Seminar
- 800 – Jobs Certification
- 900 – Veterans Initiative
<table>
<thead>
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<tr>
<td>7:00 a.m. – 6:00 p.m.</td>
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<td>7:00 a.m. – 6:00 p.m.</td>
<td>Corporate Sponsors Lounge</td>
</tr>
<tr>
<td>7:30 a.m. – 8:00 a.m.</td>
<td>Job Ready Certification Orientation</td>
</tr>
<tr>
<td>8:00 a.m. – 11:00 a.m.</td>
<td>HBCU Engineering Deans “Planning Breakfast Meeting”</td>
</tr>
<tr>
<td>8:00 a.m. – 12:00 p.m.</td>
<td>Job Ready Certification — Interpersonal Skills: Creating and Building Powerful Connections</td>
</tr>
<tr>
<td>8:45 a.m. – 10:00 a.m.</td>
<td>Do You Know Who is Moving Your Cheese? Navigating and Surviving Organizational Politics like a Pro</td>
</tr>
<tr>
<td>8:45 a.m. – 10:00 a.m.</td>
<td>Emerging Technology: Growth for the Future Presented by the Raytheon Company</td>
</tr>
<tr>
<td>8:45 a.m. – 10:00 a.m.</td>
<td>How the Traditional Utility Model is Being Challenged by Disruptive Technologies Presented by Exelon</td>
</tr>
<tr>
<td>8:45 a.m. – 10:00 a.m.</td>
<td>It’s Time to Take Control: Develop Leadership Habits that will take you to the Top!</td>
</tr>
<tr>
<td>9:00 a.m. – 10:00 a.m.</td>
<td>BEYA Pre-College Registration</td>
</tr>
<tr>
<td>9:00 a.m. – 10:00 a.m.</td>
<td>Social Media and Cyber Security Everything a Government Employee Should Know</td>
</tr>
<tr>
<td>9:00 a.m. – 11:00 a.m.</td>
<td>Navigating Your Career: Reflect on Yesterday; Assess Today, Plan for Tomorrow Presented by Boston Scientific</td>
</tr>
<tr>
<td>10:00 a.m. – 5:00 p.m.</td>
<td>DIEL Hotel Check-in</td>
</tr>
<tr>
<td>10:00 a.m. – 2:00 p.m.</td>
<td>BEYA Pre-College STEM Technology Carnival &amp; Workshops</td>
</tr>
<tr>
<td>10:15 a.m. – 11:15 a.m.</td>
<td>Northrop Grumman’s Black Engineers Share their Journey to Engineering Presented by Northrop Grumman Corporation</td>
</tr>
<tr>
<td>10:15 a.m. – 11:30 a.m.</td>
<td>Impacts of Generational Shifts in the Workforce Presented by the MITRE Corporation</td>
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<tr>
<td>10:15 a.m. – 11:30 a.m.</td>
<td>Veteran Transition Roundtable Hosted by the Boeing Company</td>
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<tr>
<td>Time</td>
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<tr>
<td>10:15 a.m.</td>
<td>Maryland Suite AB – Lobby Level</td>
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<tr>
<td>10:15 a.m.</td>
<td>Virginia Suite AB – Lobby Level</td>
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<tr>
<td>10:15 a.m.</td>
<td>Delaware A – Lobby Level</td>
</tr>
<tr>
<td>11:00 a.m. – 3:00 p.m.</td>
<td>Exhibit Halls A, B South &amp; C – Exhibition Level</td>
</tr>
<tr>
<td>11:30 a.m.</td>
<td>Virginia Suite C</td>
</tr>
<tr>
<td>12:00 p.m. – 12:30 p.m.</td>
<td>Thurgood Marshall Southwest – Mezzanine Level</td>
</tr>
<tr>
<td>12:00 p.m. – 2:00 p.m.</td>
<td>Marriott Ballroom – Lobby Level</td>
</tr>
<tr>
<td>12:30 p.m. – 1:00 p.m.</td>
<td>Thurgood Marshall Southwest – Mezzanine Level</td>
</tr>
<tr>
<td>12:30 p.m. – 1:30 p.m.</td>
<td>Delaware Suite A – Lobby Level</td>
</tr>
<tr>
<td>2:00 p.m. – 3:30 p.m.</td>
<td>Delaware Suite B – Lobby Level</td>
</tr>
<tr>
<td>2:00 p.m. – 4:00 p.m.</td>
<td>Wilson AB – Mezzanine Level</td>
</tr>
<tr>
<td>2:15 p.m. – 3:30 p.m.</td>
<td>Maryland Suite AB – Lobby Level</td>
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<tr>
<td>2:15 p.m. – 3:30 p.m.</td>
<td>Delaware Suite A – Lobby Level</td>
</tr>
<tr>
<td>2:15 p.m. – 3:30 p.m.</td>
<td>Virginia Suite AB – Lobby Level</td>
</tr>
<tr>
<td>2:15 p.m. – 3:30 p.m.</td>
<td>Maryland Suite C – Lobby Level</td>
</tr>
<tr>
<td>2:30 p.m. – 3:30 p.m.</td>
<td>Virginia Suite C – Lobby Level</td>
</tr>
</tbody>
</table>
### FRIDAY, FEBRUARY 10, 2017

<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:45 p.m. – 5:00 p.m.</td>
<td>Virginia Suite C – Lobby Level</td>
<td><strong>SEMINAR 2425</strong> IoT: The Career Disruptor</td>
</tr>
<tr>
<td>3:45 p.m. – 5:00 p.m.</td>
<td>Virginia Suite AB – Lobby Level</td>
<td><strong>SEMINAR 2312</strong> Licensure as a Professional Engineer: Its Value and the Steps to Take</td>
</tr>
<tr>
<td>3:45 p.m. – 5:00 p.m.</td>
<td>Maryland Suite C – Lobby Level</td>
<td><strong>SEMINAR 2718</strong> Diversity of Thought — Driving Business Outcomes Presented by SAIC</td>
</tr>
<tr>
<td>3:45 p.m. – 5:00 p.m.</td>
<td>Maryland Suite AB – Lobby Level</td>
<td><strong>SEMINAR 2416</strong> Technical Presented by Virginia State University</td>
</tr>
<tr>
<td>3:45 p.m. – 5:00 p.m.</td>
<td>Delaware Suite A – Lobby Level</td>
<td><strong>SEMINAR 2414</strong> Partnering to Generate Revenue from R&amp;D Contracting Opportunities Presented by Alabama University A&amp;M</td>
</tr>
<tr>
<td>3:45 p.m. – 5:00 p.m.</td>
<td>Delaware Suite B – Lobby Level</td>
<td><strong>SEMINAR 2802</strong> Job Ready Certification — Behavior and Business: Best Practices in Business Etiquette</td>
</tr>
<tr>
<td>4:00 p.m. – 4:30 p.m.</td>
<td>Thurgood Marshall Southwest – Mezzanine Level</td>
<td>Youth/Flag: Mentoring General Session</td>
</tr>
<tr>
<td>4:40 p.m. – 6:00 p.m.</td>
<td>Washington 6 – Exhibit Hall Level</td>
<td><strong>Youth/Flag</strong> Mentoring Breakout Sessions</td>
</tr>
<tr>
<td>4:40 p.m. – 6:00 p.m.</td>
<td>Balcony B – Mezzanine Level</td>
<td>Balcony A – Mezzanine Level</td>
</tr>
<tr>
<td>4:40 p.m. – 6:00 p.m.</td>
<td>Hoover – Mezzanine Level</td>
<td>Wilson B – Mezzanine Level</td>
</tr>
<tr>
<td>4:40 p.m. – 6:00 p.m.</td>
<td>Tyler – Mezzanine Level</td>
<td>Truman – Mezzanine Level</td>
</tr>
<tr>
<td>5:30 p.m. – 6:00 p.m.</td>
<td>Omni Shoreham Hotel – Regency Ballroom</td>
<td>DIEL Orientation</td>
</tr>
<tr>
<td>5:30 p.m. – 7:00 p.m.</td>
<td>Convention Registration – Lobby Level</td>
<td>Stars &amp; Stripes Dinner Check-in</td>
</tr>
<tr>
<td>6:00 p.m. – 7:00 p.m.</td>
<td>Marriott Ballroom Foyer – Lobby Level</td>
<td>Stars &amp; Stripes Pre-Dinner Reception</td>
</tr>
<tr>
<td>6:00 p.m. – 8:00 p.m.</td>
<td>Omni Shoreham Hotel – Regency Ballroom</td>
<td>Student Leadership Awards Dinner &amp; Business Etiquette Interactive Seminar</td>
</tr>
<tr>
<td>7:00 p.m. – 9:30 p.m.</td>
<td>Marriott Ballroom – Lobby Level</td>
<td>Stars &amp; Stripes Dinner (Ticket Required)</td>
</tr>
<tr>
<td>8:15 p.m. – 9:45 p.m.</td>
<td>Delaware Suite B – Lobby Level</td>
<td><strong>SEMINAR 2804</strong> Job Ready Certification — Navigating Multi-Generational Challenges</td>
</tr>
<tr>
<td>9:00 p.m. – 11:00 p.m.</td>
<td>Wilson A – Huntington Ingalls Industries</td>
<td>BEYA Speed Networking Suites</td>
</tr>
<tr>
<td>9:00 p.m. – 11:00 p.m.</td>
<td>Wilson C – Leidos</td>
<td>Coolidge – JPMorgan Chase</td>
</tr>
<tr>
<td>9:00 p.m. – 11:00 p.m.</td>
<td>Wilson B – Pepco, an Exelon Company</td>
<td>Harding – National Security Agency</td>
</tr>
<tr>
<td>9:30 p.m. – 12:00 a.m.</td>
<td>Maryland Suite – Lobby Level</td>
<td>Thurgood North – The Boeing Company</td>
</tr>
<tr>
<td>Time</td>
<td>Location</td>
<td>Event Description</td>
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<tr>
<td><strong>7:00 a.m. – 4:00 p.m.</strong></td>
<td>Convention Registration – Lobby Level</td>
<td>Registration</td>
</tr>
<tr>
<td><strong>7:00 a.m. – 4:00 p.m.</strong></td>
<td>Convention Registration – Lobby Level</td>
<td>Corporate Sponsors Lounge</td>
</tr>
<tr>
<td><strong>7:30 a.m. – 9:30 a.m.</strong></td>
<td>Marriott Ballroom – Lobby Level</td>
<td>HBCU Engineering Deans’ Power Breakfast (Ticket Required)</td>
</tr>
<tr>
<td><strong>8:00 a.m. – 11:00 a.m.</strong></td>
<td>Delaware Suite B – Lobby Level</td>
<td>SEMINAR 2805 – Job Ready Certification – Interpersonal Skills: Creating and Building Powerful Connections</td>
</tr>
<tr>
<td><strong>8:00 a.m. – 9:30 a.m.</strong></td>
<td>Maryland Suite AB – Lobby Level</td>
<td>SEMINAR 2601 – Resume Writing with Continental Breakfast</td>
</tr>
<tr>
<td><strong>10:00 a.m. – 12:15 p.m.</strong></td>
<td>Delaware Suite A – Lobby Level</td>
<td>SEMINAR 2723 – Engineering a Global Environment in the 2nd Century Presented by the Boeing Company</td>
</tr>
<tr>
<td><strong>10:00 a.m. – 4:00 p.m.</strong></td>
<td>Washington 6 – Exhibition Level</td>
<td>DIEL Resume Room &amp; Lounge</td>
</tr>
<tr>
<td><strong>10:00 a.m. – 4:00 p.m.</strong></td>
<td>Exhibit Halls A, B South &amp; C – Exhibition Level</td>
<td>BEYA Career Fair</td>
</tr>
<tr>
<td><strong>10:15 a.m. – 11:15 a.m.</strong></td>
<td>Maryland Suite C – Lobby Level</td>
<td>SEMINAR 2731 – Corporate Seminar Presented by Aerotek</td>
</tr>
<tr>
<td><strong>10:15 a.m. – 11:15 a.m.</strong></td>
<td>Virginia Suite AB – Lobby Level</td>
<td>SEMINAR 2417 – Performance Assessment of Electrical Connectors under Extreme Environmental Conditions Presented by Tuskegee University</td>
</tr>
<tr>
<td><strong>10:15 a.m. – 11:15 a.m.</strong></td>
<td>Virginia Suite C – Lobby Level</td>
<td>SEMINAR 2721 – The Engineer and the Consultant: How Engineers Can Have Successful Careers in the Consulting Industry Presented by Booz Allen Hamilton</td>
</tr>
<tr>
<td><strong>11:15 a.m. – 12:15 p.m.</strong></td>
<td>Maryland Suite AB – Lobby Level</td>
<td>SEMINAR 2610 – Creating Your Best Future! The 7 Habits of Successful Science, Technology, Engineering, and Math Students</td>
</tr>
<tr>
<td><strong>11:30 a.m. – 1:30 p.m.</strong></td>
<td>Wilson BC – Mezzanine Level</td>
<td>SEMINAR 2724 – Lunch &amp; Learn with Leidos</td>
</tr>
<tr>
<td><strong>11:30 a.m. – 1:30 p.m.</strong></td>
<td>Madison – Mezzanine Level</td>
<td>SEMINAR 2725 – Lunch &amp; Learn</td>
</tr>
<tr>
<td><strong>12:00 p.m. – 1:15 p.m.</strong></td>
<td>Maryland Suite C – Lobby Level</td>
<td>SEMINAR 2116 – The Path to Being the Best Leader: How to Lead with Charisma, Integrity, and Conviction</td>
</tr>
<tr>
<td>Time</td>
<td>Venue</td>
<td>Type</td>
</tr>
<tr>
<td>--------------</td>
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</tr>
<tr>
<td>12:00 p.m. - 1:15 p.m.</td>
<td>Virginia Suite C - Lobby Level</td>
<td>Seminar</td>
</tr>
<tr>
<td>12:30 p.m. - 1:30 p.m.</td>
<td>Maryland Suite AB - Lobby Level</td>
<td>Seminar</td>
</tr>
<tr>
<td>12:30 p.m. - 1:30 p.m.</td>
<td>Delaware A - Lobby Level</td>
<td>Seminar</td>
</tr>
<tr>
<td>1:00 p.m. - 2:30 p.m.</td>
<td>Truman - Mezzanine Level</td>
<td>BDPA Meeting</td>
</tr>
<tr>
<td>1:30 p.m. - 3:00 p.m.</td>
<td>Virginia Suite AB - Lobby Level</td>
<td>Seminar</td>
</tr>
<tr>
<td>1:45 p.m. - 2:45 p.m.</td>
<td>Maryland Suite AB - Lobby Level</td>
<td>Seminar</td>
</tr>
<tr>
<td>1:45 p.m. - 3:00 p.m.</td>
<td>Virginia Suite C - Lobby Level</td>
<td>Seminar</td>
</tr>
<tr>
<td>1:45 p.m. - 3:00 p.m.</td>
<td>Maryland Suite AB - Lobby Level</td>
<td>Seminar</td>
</tr>
<tr>
<td>1:45 p.m. - 3:00 p.m.</td>
<td>Delaware Suite A - Lobby Level</td>
<td>Seminar</td>
</tr>
<tr>
<td>2:00 p.m. - 5:30 p.m.</td>
<td>Delaware Suite B - Lobby Level</td>
<td>Seminar</td>
</tr>
<tr>
<td>3:00 p.m. - 4:00 p.m.</td>
<td>Maryland Suite AB - Lobby Level</td>
<td>Seminar</td>
</tr>
<tr>
<td>3:15 p.m. - 4:30 p.m.</td>
<td>Virginia Suite C - Lobby Level</td>
<td>Seminar</td>
</tr>
<tr>
<td>3:15 p.m. - 4:30 p.m.</td>
<td>Virginia Suite AB - Lobby Level</td>
<td>Seminar</td>
</tr>
<tr>
<td>3:15 p.m. - 4:30 p.m.</td>
<td>Delaware Suite A - Lobby Level</td>
<td>Seminar</td>
</tr>
<tr>
<td>8:00 p.m. - 10:30 p.m.</td>
<td>Marriott Ballroom - Lobby Level</td>
<td>BEYA Gala</td>
</tr>
<tr>
<td>10:00 p.m. - 12:00 a.m.</td>
<td>Maryland Suite - Lobby Level</td>
<td>Gala After-Party</td>
</tr>
</tbody>
</table>
THE DREAM MAKER

THE 31ST BEYA STEM GLOBAL COMPETITIVENESS CONFERENCE

Campus News

Morgan State University Graduates

Morgan State University’s first engineering graduates with Dean Eugene D. Jones (express left): Arnold Stewart, Adger Harris, Lloyd L. Hall, Michael Briscoe,<!doctype html>

Salute to the Deans

Engineering Change

New Talent Boosts Energy of the Council of Deans

By Odylene C. Williams

The Council of Engineering Deans of the Historically Black Colleges and Universities
THE DREAM MAKER

Strengthening American Science and Technology
In these difficult times, when government and business leaders are forced to focus on day-to-day operations to restart and rebuild the U.S. economy and get people back to work, some of the first areas to be hit by cutbacks are diversity and inclusion programs, educational partnerships, and community outreach—the very things that add value and hold the key to global competitiveness. That is why Career Communications Group, Inc. is grateful to the following companies and organizations that continue to support these core values.

**CONFERENCE HOSTS**
- Lockheed Martin Corporation
- The Council of HBCU Engineering Deans
- US Black Engineer & Information Technology magazine

**CONFERENCE SPONSORS**
- Aerotek
- General Dynamics Corporation

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- General Motors
- Leidos
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- Navy Civilian Careers
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- Raytheon Company
- SAIC
- The Boeing Company
- The MITRE Corporation

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- Boston Scientific Corporation
- Huntington Ingalls Industries
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- U.S. Army Corps of Engineers

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- JPMorgan Chase
- NASA
- U.S. Air Force

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- Dominion

**SILVER**
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- Fannie Mae
- Missile Defense Agency
- The Aerospace Corporation
- U.S. Department of Energy

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- National Oceanic and Atmospheric Administration
- The Johns Hopkins University Applied Physics Laboratory
- The Pennsylvania State University
- Applied Research Laboratory
- U.S. Army Test & Evaluation Command

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- Leidos
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- Michelin North America Inc.
- Missile Defense Agency
- National Technical Association
- National Guard Bureau
- National Oceanic and Atmospheric Administration
- National Security Agency
- NASA
- Navy Civilian Careers
- Northrop Grumman Corporation
- Pacific Northwest National Laboratory
- Raytheon Company
- SAIC
- Snap On
- Southern Company
- TEDCO
- Texas Instruments
- The Aerospace Corporation
- The Boeing Company
- The Federal Reserve Bank of Richmond
- The Johns Hopkins University Applied Physics Laboratory
- The MITRE Corporation
- The Pennsylvania State University
- Applied Research Laboratory
- USA
- U.S. Air Force
- U.S. Army
- U.S. Army Corps of Engineers
- U.S. Army Material Command
- U.S. Army Test & Evaluation Command
- U.S. Coast Guard
- U.S. Department of Energy
- U.S. Marine Corps
- U.S. Navy
- U.S. Secret Service

**COLLEGE AND UNIVERSITY EXHIBITORS**
- Alabama A&M University
- Capitol Technology University
- Columbia University
- Florida A&M University
- Hampton University
- Harvard Business School
- Jackson State University
- Morgan State University
- NOAA-CREST - Center at CUNY/CUNY
- Notre Dame State University
- North Carolina A&T State University
- Prairie View A&M University
- Tennessee State University
- Tuskegee University
- University of Maryland, Baltimore County
- Uniformed Services University
- University of Maryland, College Park
- University of Maryland Easton University of Virginia
- USC – Viterbi School of Engineering

**EVENT PARTNERS**
- Capstone Program Sponsor
- General Dynamics Corporation
- Alumni Welcome Reception
- Fannie Mae
- Modern Day Technology Leadership Luncheon
- Leidos
- Lockheed Martin Corporation
- World Wide Technology
- Stars & Stripes Dinner
- Airbnb, Inc.
- BAE Systems
- General Dynamics Corporation
- General Motors
- Lockheed Martin Corporation
- Northrop Grumman Corporation
- Raytheon Company
- SAIC
- The Boeing Company
- USA
- World Wide Technology
- BEYA Student Leadership Awards Ceremony
- Dell
- General Dynamics Corporation
- SAIC
- College Student Resume Writing Room
- NASA
- BEYA K-12 Program
- Ford Motor Company
- Lockheed Martin Corporation
- The Boeing Company
- U.S. Air Force
- U.S. Army
- HBCU Engineering Deans Roundtable
- Missile Defense Agency
- HBCU Engineering Deans Power Breakfast
- AMIE
- Boston Scientific Corporation
- General Dynamics Corporation
- IBM Corporation
- Lockheed Martin Corporation
- Navy Civilian Careers
- Raytheon Company
- The Boeing Company
- Awards Ceremony Green Room
- Aerotek
- BEYA Gala
- University of Maryland, Baltimore County
- Morgan State University
- Professional Conference Bags
- Northrop Grumman Corporation
- Conference Student Bags
- Lockheed Martin Corporation
- Conference Badges
- The Boeing Company
- Conference Lanyards
- The Boeing Company
- Hotel Key Cards
- Raytheon Company
- Speed Networking Suites
- Leidos
- Huntington Ingalls Industries
- JPMorgan Chase
- National Security Agency
- Pepco, an Exelon Company
- The Boeing Company
- Advertisers
- Abbvie
- Abbott
- Airbnb, Inc.
- Air Force Research Laboratories
- Argonne National Laboratory
- AT&T
- Booz Allen Hamilton
- Boston Scientific Corporation
- Consumer Energy
- Corning Incorporated
- Cox Automotive Inc.
- Delphi Automotive
- Dominion
- Exelon Corporation
- Fannie Mae
- FCA US LLC
- Federal Aviation Administration
- General Dynamics Corporation
- General Electric
- General Motors
- Huntington Ingalls Industries
- IBM Corporation
- Jackson State University
- Johns Hopkins Applied Physics Laboratory
- JPMorgan Chase
- Lawrence Berkeley National Laboratory
- Leidos
- Lockheed Martin Corporation
- L-3
- Missile Defense Agency
- National Oceanic and Atmospheric Administration
- National Security Agency
- Navy Civilian Careers
- New Jersey Institute of Technology (NJIT)
- Northrop Grumman Corporation
- Raytheon Company
- SAIC
- Siemens
- Southern Company
- Southwest Airlines
- Texas Instruments
- The Aerospace Corporation
- The Boeing Company
- The MITRE Corporation
- The Pennsylvania State University
- Applied Research Laboratory
- USA
- U.S. Air Force
- U.S. Army Corps of Engineers
- U.S. Army Materiel Command
- U.S. Army Test & Evaluation Command
- U.S. Department of Energy
- U.S. Navy
- U.S. Secret Service
- World Wide Technology
BADGES
Your badge is necessary for your participation in conference activities. It allows you access to BEYA STEM Conference areas and proves you are a member in good standing. Career Communications Group, Inc. reserves the right to revoke the membership of any member who breaks our house rules, or acts in a manner that is unsafe or unacceptable.

ATTIRE

Thursday, February 9, 2017
Day: Business
Awards Dinner: Black Tie Optional

Friday, February 10, 2017
All Day: Business

Saturday, February 11, 2017
Day: Business
Gala: Black Tie

CONCIERGE
The Concierge Desk is located at the front entrance of the hotel.
Hours: 6:30 a.m. – 11:00 p.m. daily
Phone number: 202.328.2000

LOST AND FOUND
If you lose or find something during the conference, please visit the BEYA Registration located in the Convention Registration Lobby. After the conference, all unclaimed items will be entrusted to Lost Prevention at the hotel.
Phone number: 202.328.2000
Career Communications Group, Inc. is not responsible for any lost, stolen, or damaged property.
Career Communications Group Inc. is not responsible for personal injuries, illness, or death for any reason whatsoever, including ordinary negligence.

GUEST SERVICES HOTLINE
Guests with specific needs or requests may pick up a house phone. A hotel operator will direct your needs to the appropriate hotel contact.

DRUG STORE
CVS Pharmacy
2616 Connecticut Avenue NW
Washington DC
202.332.1446
EMERGENCY INFORMATION

EMERGENCY PROCEDURE:
The Washington Wardman Marriott Park hotel is fully prepared to handle different types of situations and to assist our guests. The following is information on emergency procedures:

The hotel house phones automatically connect to the hotel operator.

The hotel has an emergency response team 24 hours a day. In the event of an emergency, picking up a hotel house phone will connect the caller with the hotel operator and initiate the appropriate response.

Paramedics, Fire Department, and the Police Department are all located approximately five-seven minutes from the hotel.

Our Security Department, as well as a small number of other employees, is trained in CPR and First Aid.

Emergency evacuation routes and procedures are located on the inside of all guest room doors.

- Nearest emergency room: Medstar Georgetown University Hospital
- Nearest hospital: Medstar Georgetown University Hospital 202.444.2000

Career Communications Group Inc. is not responsible for personal injuries, illness, or death for any reason whatsoever, including ordinary negligence.

EMERGENCIES AND FIRST AID

The Loss Prevention department is responsible for the safety and security of the hotel guests and associates guarding the Hotel assets. Loss Prevention responds to security related issues and as well as medical situations.

The Loss Prevention department should be notified for any of the following reasons:

- Smoke or fire
- Guest injury or illness
- Crime
- Theft or missing property
- Chemical spill
- Suspicious activity
- Any potential situation that relates to security

Hotel Command Center, located directly off of the main lobby, is fully equipped with the latest technology to immediately respond to a wide range of scenarios. 130+ state of the art surveillance cameras inside and outside the Hotel. Additional exterior cameras providing continuous 360-degree coverage of the Hotel. The hotel’s Security Staff maintains logs of their rounds via bar code system at over 300 check points throughout the Hotel to ensure compliance of Hotel premise checks. The hotel’s ventilation system is designed to shut off the air handlers within one minute’s notice and immediately reverses to evacuate smoke and prevent circulation of unhealthy air.

“Roam Secure Alert” instantaneously sends a message to all registered cell phone and email addresses providing the latest hotel incident information and response instructions. (Your hotel representative can arrange for registration of meeting contacts on this system.)

- Hotel’s alarm system is monitored by Simplex, which directly notifies the fire department in case of an emergency.

CONTACT INFORMATION

To contact the Loss Prevention department dial 11 on any house phone or guest room phone. The number is available for immediate security response and medical emergencies. To contact the emergency lifeline dial 30 on any house phone or guest room phone.

To contact the Loss Prevention department from an outside line, dial 202.328.2000 extension 2681.
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Follow BEYA on Twitter @blackengineer

Congratulations a BEYA winner! Look for name badges with winner ribbon!

Connect with over 10,000 Women of Color on Facebook.com/WOCITC

Not your first time at BEYA? Claim your BEYA alumni pin at the Alumni Welcome Reception.

People are talking about...

Learn how the BEYA winners compete to earn their honors. Sit in on this very important workshop on nominating your candidate.

Sign up to participate in the 2018 BEYA STEM Conference as a seminar presenter.

Become part of the community of STEM students, professionals, including past award recipients.

Start a forum discussion on something you are passionate about with the members of the CCG InTouch STEM community.

Find a job through CCG’s Career Center.

Southwest

Feeling really lucky? FREE airline tickets are given at several events.

Washington, DC • February 8–10, 2018

The 32nd BEYA STEM Conference

Global Competitiveness Conference

Washington, DC • February 8–10, 2018

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We are honored to recognize our winners at the 31st Annual Black Engineer of the Year Awards. The men and women of Lockheed Martin commend you for your achievements and thank you for your dedication to excellence and innovation.

Learn more at lockheedmartin.com/diversity
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Modern Day Technology Leaders:

Andrew Ambris  Eric Broadhurst  Roland Brooks  Claude Brown  Claudie Busby  Aaron Butler

Alvarez Clay  Alan Conley  Jamal Davis  Eric Dees  King Dukes  Nigel Francois

Vatanna Gaines  Zelda Gills  Angelo Guevara  Rena Hill  Chanel Johnson  Adrian Knight

Troy Lambert  LaCresha Martin  Melvin Redmond  Brandon Montgomery  Paulette Nassiff  Larry Ramie

Travis Rose  Xavier Thomas  Richard Thompson  Eric Tillman  Geoffrey Vibert  Steven Walker

Science Spectrum Trailblazers:

Ezra Ward  Lynnette Drake  Doreen Foggy

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- for short trips, long trips and in-between trips;
- from a 1-day pass for visitors to SelectPass and other monthly passes for your commute.

Passes load right to your SmarTrip® card and can be set to automatically reload when they expire. Purchase SmarTrip® cards from fare machines in stations or online. Find the pass that's right for you at wmata.com, under “Fares.”
SEE YOU NEXT YEAR!

32nd BEYA STEM Conference
February 8–10, 2018