



The **BEYA** EXPERIENCE

BECOMING
EVERYTHING
YOU ARE

2025
CONFERENCE GUIDE

SETTING THE STAGE FOR A NEW BEGINNING

FEBRUARY 13–15, 2025

The Baltimore Convention Center
and the BEYA DTX™ Platform

THE 39TH BLACK ENGINEER OF THE YEAR

RONALD JOHNSON, ED.D.

Senior Vice President of Strategic Initiatives and
Chief of Staff | Georgia Institute of Technology

CONFERENCE CO-HOSTS

TECHNOLOGY HOST

CONFERENCE SPONSORS

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OFFICIAL AIRLINE



The Council of Engineering Deans of the
Historically Black Colleges and Universities



WELCOME TO



**BEYA
EXPERIENCE**

BECOMING EVERYTHING YOU ARE

39

**SETTING
THE STAGE
FOR A NEW
BEGINNING**

BECOMING EVERYTHING YOU ARE

It is with great pleasure that we welcome you to the 39th BEYA STEM DTX™ Conference, a remarkable event celebrating the convergence of People, Process, and Technology.

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BEYA 39

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Career Communications Group, Inc. works closely with our partners to meet individual needs. The availability and published information are correct at press time but are subject to alteration without prior notice.



CAREER
COMMUNICATIONS GROUP, INC.

TYRONE D. TABORN

**Publisher, CEO and
Chief Content Officer**

Career Communications Group, Inc.

Welcome to the 39th BEYA STEM DTX Conference - Unveiling "Setting the Stage for a New Beginning"

BEYA 39 gathers under the theme "Setting the Stage for a New Beginning," marking a significant moment as we prepare to celebrate BEYA's 40th anniversary.

The 2025 conference will celebrate the art of storytelling, sharing how BEYA began and how it has evolved over four decades. Attendees will hear stories of transformation that have shaped our journey, told through the voices of winners, participants, leaders, and companies. These narratives reflect BEYA's values, legacy, and future direction.

The conference's iconic tagline, "**Becoming Everything You Are**," reflects our commitment to personal growth and adaptation, particularly in today's fast-paced world influenced by advancements in AI.

The **Technology Recognition Luncheon's** theme is "Embrace Learning, Embrace the Future," highlighting the importance of lifelong learning and skill acquisition. This event will honor rising stars who demonstrate resilience through their professional development journeys. Together, we will explore how to cultivate a vibrant culture of continuous learning, ensuring our workforce is well-equipped to thrive in an evolving technological landscape.

The **HBCU Engineering Deans' Breakfast** will address the theme "HBCUs Answering the Call: Leading in the Age of AI." This gathering of engineering deans emphasizes AI's significant impact across various sectors. Participants will reaffirm their commitment to equipping the next generation of innovators with essential tools for success in AI-driven industries. Collaborative discussions will focus on strategies for integrating AI into engineering curricula, fostering industry partnerships, and empowering underrepresented communities to lead in innovation.

The conference will conclude with the **BEYA STEM Awards Ceremony**, themed "Journey to the Future - Reflect, Celebrate, and Forge Ahead." As we approach our 40th anniversary, this ceremony will honor the milestones, challenges, and achievements that have shaped nearly four decades of empowering individuals and transforming careers in STEM. It promises to inspire all participants to move forward with renewed optimism and purpose as we embark on this exciting new chapter together!

Warm regards, **Tyrone D. Taborn** | Publisher, CEO and Chief Content Officer



MONIQUE PICOU

**Vice President, Cloud Supply Chain
& Operations**

Google

Welcome BEYA Participants,

It is with great excitement that I welcome you to the **2025 Black Engineer of the Year Award (BEYA)** Conference. This three-day gathering serves as a commitment to innovation, talent, and dedication of Black professionals in engineering, science, and technology.

This year's conference theme, "BEYA39 – Setting the Stage for a New Beginning," allows us to reflect on the almost four decades of BEYA, while looking forward to a future filled with even greater transformation, advocacy, and empowerment. Here, you will have the chance to learn from peers, leaders, and companies while honoring the milestones and achievements that have come before.

Google is honored to once again participate in BEYA, honoring some of our own employees, and sharing knowledge of the innovative mindset in STEM. Our company is deeply committed to fostering a diverse and inclusive environment where every individual is empowered to thrive and reach their full potential. This commitment is underscored in the many initiatives we shepherd to promote equal opportunities, mentorship programs, and talent development within the Black community.

Throughout this conference, you will have the opportunity to network with peers and industry leaders, engage in thought-provoking discussions, and give your insight into the evolution of technology as we know it. I am confident that this program will foster deep connections, stimulate new ideas, and provide a pathway for greater inclusion, diversity, and innovation in our communities.

Monique Picou | Vice President, Cloud Supply Chain & Operations



TOM BELL

Chief Executive Officer
Leidos

Esteemed BEYA Participants,

It is my distinct honor to welcome you to the 2025 BEYA STEM Conference. For more than a decade, Leidos has proudly supported this event, and each year we are excited to sustain and grow our commitment to its mission.

This year, we rally around the theme, "Setting the Stage for a New Beginning," an invitation for each of us to reflect on nearly 40 years of BEYA's legacy and envision a bright future together, fueled by ingenuity and inclusion.

This theme resonates deeply with our company's mission: breaking limits to create smarter digital and mission innovations for our customers. We recognize that such breakthroughs are only possible because of our diverse team of brilliant minds working together to solve the world's most vexing challenges—the very heart of what we mean by "Making Smart Smarter."

We are proud to co-sponsor this year's conference, where we celebrate rising stars and trailblazers in STEM. While you are here, I encourage you to visit our Leidos booth to explore the many exciting career opportunities we have to offer, and to learn more about our company's steadfast commitment to our core value of inclusion.

To this year's award winners—including the 28 Leidos innovators who will be honored—I extend my heartfelt congratulations. Thank you for inspiring all of us.

On behalf of my 48,000 Leidos teammates worldwide, welcome to BEYA39.

Thank you and enjoy the conference.

Tom Bell | Chief Executive Officer



LOCKHEED MARTIN 

JAMES D. TAICLET

**Chairman, President and Chief
Executive Officer**
Lockheed Martin

Dear BEYA Participants:

It is my pleasure to welcome you to the 39th annual BEYA Conference. We are proud to have you back in the great state of Maryland, home to our Lockheed Martin corporate headquarters.

As our partnership with BEYA approaches its 40-year milestone, we celebrate all that has been accomplished over nearly four decades. By elevating careers in engineering and technology, celebrating achievement and excellence, inspiring the next generation of talent and connecting young professionals with opportunity, BEYA is truly making an impact.

Our global team at Lockheed Martin is working to deter, defend and protect our nation and our allies from evolving threats. I invite you to learn more about our company during the conference, connect with our teammates – including our 38 colleagues who are award winners this year – and consider building your career with Lockheed Martin. We recognize that a workforce comprised of many different perspectives enhances our collective power to innovate.

Above all, use this time to network, collaborate and take full advantage of everything BEYA 39 has to offer. This conference is an opportunity to engage in “Becoming Everything You Are.” On behalf of our 122,000 teammates around the world, I wish you a great conference.

Sincerely,

James D. Taiclet | Chairman, President and Chief Executive Officer



JUAN DE BEDOUT
Chief Technology Officer
RTX

Dear BEYA conference participants,

Welcome to the 2025 BEYA STEM DTX Conference.

This 39th BEYA Conference is an opportunity for you to learn and connect with some of the best and brightest minds in STEM – and to set the stage for your new beginning.

At RTX, diversity, equity and inclusion are business imperatives that directly influence innovation, on-time production, and delivery. As a result, we remain steadfast in our commitment. When we enable inclusive, high-performing teams, we can leverage the collective power of RTX – with our Collins Aerospace, Pratt & Whitney and Raytheon businesses – to solve the world's toughest challenges.

BEYA continues to drive innovation, spotlighting today's outstanding STEM achievements while inspiring and empowering the next generation – especially students from historically underrepresented communities – to deliver tomorrow's solutions.

As the one of the world's largest aerospace and defense company, we appreciate the opportunity to partner with BEYA to push limits and demonstrate what we can achieve together.

On behalf of RTX's 185,000 employees worldwide, thank you for being here, and enjoy the conference.

Juan de Bedout | Chief Technology Officer

This event is sponsored by



SCHEDULE HIGHLIGHTS

WELCOME TO BEYA39

beyastemdtx.com

BEYA39 IS CHOCK-FULL OF ACTIVITIES THAT CAN MAKE IT DIFFICULT TO CHOOSE.

We'll highlight a few events that you should plan to attend. But keep in mind, your registration includes access to the BEYA39 archives year-round so you can experience the conference when and wherever you want. Bookmark the BEYA DTX™ Platform so you can access it on the fly.

THURSDAY, FEBRUARY 13, 2025

TODAY'S HIGHLIGHTS

7:00 AM - 8:00 AM EST	Wake Up with BEYA	The BEYA STEM DTX™ Platform
1:00 PM - 4:30 PM EST	Multiple sessions focused on HBCU Research	BCC - Rooms 307 & 308
5:00 PM - 6:30 PM EST	BEYA Welcome Reception	Hilton - Key Ballroom
7:00 PM - 8:30 PM EST	An Evening with BEYA's Leading Voices	BCC - Room 307

FRIDAY, FEBRUARY 14, 2025

TODAY'S HIGHLIGHTS

7:00 AM - 8:00 AM EST	Wake Up with BEYA	The BEYA STEM DTX™ Platform
10:00 AM - 2:00 PM EST	BEYA Pre-College Program	BCC - Level 200
10:00 AM - 4:00 PM EST	BEYA Career Fair	Online & BCC - Halls C, D, & E
11:45 AM - 2:15 PM EST	Technology Recognition Event	BCC Ballroom - Level 400
7:00 PM - 9:30 PM EST	Stars and Stripes Dinner	BCC Ballroom - Level 400
7:30 PM - 9:00 PM EST	Men2Men: My Brother's Keeper	BCC - Rooms 325 & 326
8:00 PM - 9:45 PM EST	BEYA Student Networking Event	Renaissance Baltimore Harborplace - MD Ballroom

SATURDAY, FEBRUARY 15, 2025

TODAY'S HIGHLIGHTS

7:00 AM - 8:00 AM EST	Wake Up with BEYA	The BEYA STEM DTX™ Platform
8:00 AM - 9:45 AM EST	HBCU Engineering Deans' Recognition Event	BCC Ballroom - Level 400
10:00 AM - 4:00 PM EST	BEYA Career Fair	Online & BCC - Halls C, D, & E
2:30 PM - 3:45 PM EST	HBCU Engineering Deans' Roundtable	BCC - Room 308
8:00 PM - 10:00 PM EST	BEYA Awards Ceremony	BCC Ballroom - Level 400

This schedule is current at press time. The conference mobile app and the website contain up-to-date information. Use the appropriate QR codes to access the most recent and detailed version of the schedule of events. Note: BEYA I location reference is online at the BEYA STEM DTX platform.



SCAN HERE FOR THE FULL CONFERENCE SCHEDULE

Scan the QR code for the most up-to-date information on the conference schedule.



<https://lead.me/bdfzKF>

FIRST THINGS FIRST... DOWNLOAD THE MOBILE APP!

Our mobile app provides easy-to-use interactive capabilities to enhance your conference experience. We've included the following features:

- Access documents and videos
- Scan QR codes to swap contact information
- Check-in to the conference
- Live schedule of events that puts seminars and workshops in the palm of your hands!
- Visit exhibitor booths, chat with recruiters, and collect digital swag
- Post your conference highlights to our social wall
- Take your photo at our digital photobooth

AN OPTIMIZED EXPERIENCE AWAITS YOU. DOWNLOAD THE APP NOW TO GET STARTED.



<https://lead.me/bdLeMU>



NAVIGATING THE CONFERENCE

We're glad you're here!

The following links will make your BEYA STEM Conference experience the BEST it can be!!



BEYASTEMDTX.COM

Hop on over the DTX™ platform & experience the BEYA Stem Conference Digital Twin Experience!

<https://lead.me/bdfWCG>



WATCH BEYA TV!

Live interviews, honoree info, a word from our partners and so much more—BEYA TV has it all!

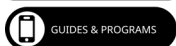
<https://lead.me/bfat5f>



USBE MAGAZINE

Read all about this year's honorees in USBE Magazine Volume 49's conference edition.

<http://lead.me/baxiSs>



ALL EVENT PROGRAMS

Follow this link for the most up-to-date event programs.

<https://linktr.ee/bevastem>



ONLINE CAREER FAIR

Find that once-in-a-lifetime internship! The job you have been working so hard for! So many companies are waiting for YOU!

<http://lead.me/bawhEF>



SCHEDULE AT-A-GLANCE

Don't miss that session you've been waiting for! Be on time for the HBCU Recognition Event. A quick look at all BEYA has to offer.

<https://lead.me/bdfzKF>



TRIBUTE HALL MUSEUM

Follow along as BEYA pays tribute to the history of blacks in the military.

<https://bevastemdtx.com/tribute-hall/main-hall>

BEYA39 is live, in-person and online on the BEYA STEM DTX™ platform.

Activities noted as in-person and online on the schedule of events are presented live onsite and streamed on the BEYA DTX™ Platform allowing the online audience to actively participate. A limited number of activities designated as online are only available on the BEYA DTX™ platform.

BEYA39 incorporates a variety of events to help you celebrate excellence, learn from, and connect with peers and subject-matter experts. Many conference sponsors provide venues to network, new career opportunities, and learning experiences that impart insights to their organizations' values.

BEYA STEM DTX™ PLATFORM

Whether you attend in-person or online, major components of the conference will be live-streamed on the conference platform. Your BadgeID and password, which can be found in your registration confirmation are your login credentials for the platform. Some of the key events are the:

- Career Fair
- Organizational Leadership seminars
- Personal Development seminars
- BEYA Currents seminars
- HBCU Research Forum
- Recognition events.



All seminars are interactive.

<https://1.ead.me/bdfWCG>

CONFERENCE BADGES

The official conference badge is your passport to gain access to the events on your agenda.

Your badge:

- Will be scanned to allow access to the events you signed up to attend.
- Will be scanned to record your seminar attendance for earned education credits. You must scan in and out if you want to claim your CEU or PDH credits.
- Will include a BadgeID, which along with your registration record password, allows you access to the online platform.

Lost or misplaced badges can be reprinted for a fee of \$50.

CEU INFORMATION

Your registration includes Continuing Education Units (CEU) or Professional Development Hours (PDH) credits at no additional cost. Visit our partner portal (Morgan State University Center for Continuing and Professional Studies) registration portal to register.

Download the conference app for a direct link to the CEU application page.

*Note: you must ensure that your badge is scanned **in and out** to record your session attendance.*



To earn one (1) CEU or PDH, you must accrue 10 hours of learning.

<https://1.ead.me/bdfORM>

HOSPITALITY SUITES

These organizations are hosting hospitality suites on Friday, 6:00 PM – 9:00 PM in the Holiday Ballrooms, Hilton Hotel: Join them to learn about their organizations and the opportunities they offer. It is a great way to wind down the day while making important connections.

- Amazon
- Dominion Energy
- Google
- Hill
- Jacobs
- Leidos
- Lockheed Martin
- Medtronic
- RTX

CONFERENCE SECURITY

If you have security questions or your security needs information, please contact CCG Security:

securityteam@ccgmag.com or contact either Kedrick Scribner at **410-491-0723**.

EVENTS AND EVENT SEATING

All recognition events are open seating unless otherwise noted. Doors open 30 minutes before the program is scheduled to begin. If your seating is reserved, your organization is responsible for sharing that information with you.

LOST AND FOUND

If you lose or find something during the conference, please bring the item to the BEYA Registration customer service counter located in the Baltimore Convention Center. After the conference all unclaimed items will be entrusted the Center's Public Safety Office. Unclaimed articles will be disposed of by Center Management after 30 days.

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.

EMERGENCY PROCEDURE

The Baltimore Convention Center has an Emergency Preparedness Plan to handle any emergency. We partner with local Baltimore Police and Fire Departments to ensure the safety of all guests.

Listed below are current features in place at the Center for your safety:

1. Illuminated exit signs supported by an emergency power generator.
2. Flashing "strobe" lights providing visual warnings throughout the facility indicating a fire.
3. An "Automatic Voice Alarm" system designated to direct an emergency evacuation of the entire building in a swift, safe, and orderly fashion.
4. A communication system containing several integrated features that facilitate early detection of hazardous or emergency situations, as follows:
 - A multi-channel radio system, housed in the Public Safety Office.
 - Closed-circuit television cameras located throughout the facility.
 - Emergency telephones located in all elevators.
 - Emergency evacuation routes and procedures are posted throughout the building.
 - Smoke detectors and a sprinkler system covering all areas of the Center.
5. Automated External Defibrillators (AEDs) are located throughout the building.

Baltimore Convention Center Public Safety

24 hrs Security and lost and found
410.649.7055

Baltimore Police Department - Downtown Location

1 410-396-2411 | Call 911 for all Emergencies

Nearest Emergency Room

Mercy Hospital - 301 St. Paul Place,
Baltimore, MD 21202
410-332-9000

UNTIL WE GATHER IN 2026...

With BEYA39 in the rear view, you have acquired the tools to enrich your year ahead. Continue to build on the connections you've made, the insights you've gathered, and to pursue the new opportunities you may have uncovered. We hope to see you in Baltimore in 2026 along with those you will inspire in 2025 to embark on the journey we embrace in the BEYA community of becoming everything you are.

The BEYA community thrives and strengthens because of the energy and excitement you take back to your communities. BEYA39 will be archived in STEM City USA, our metaverse community, where it remains accessible to you.

Here are a few things you might consider until we gather again in 2026:

- Look around your organization for individuals who may inspire STEM career pursuits. We may feature them in one of our upcoming magazines.
- Nominate or recommend a colleague for an award. Nomination link.
- Schedule or attend events in STEM City.
- Share the digital magazine within your circle.
- Gift a magazine subscription to a library or community organization.
- Give us your feedback to help us better serve the BEYA community.

UPCOMING EVENT DATES

2025 WOC STEM Conference

Baltimore Convention Center
October 23-25, 2025

2026 BEYA STEM Conference

Baltimore Convention Center
February 12-14, 2026

CONFERENCE MAGAZINES

US BLACK ENGINEER & IT: BEYA ISSUE

- PASSING THE TORCH**
 Ken Washington's journey from BEYA attendee to 2024 Black Engineer of the Year proves the power of mentorship, innovation, and community in transforming careers and lives.
- COVER STORY**
 With a career spanning the Army, NBA, and academia, Dr. Ron Johnson, the 2025 BEYA Winner, proves that determination and mentorship can open limitless doors.
- 2025 BEYA WINNERS**
 Celebrating the contributions of Some of the brightest minds in technology today!
- LEGACY AWARD HONOREES**
 How a new generation makes a lasting impact in engineering.
- MODERN DAY TECH LEADERS**
 Contemporary technological advancements and their applications.
- SCIENCE SPECTRUM TRAILBLAZERS**
 Latest research, innovations, and discoveries in the diverse world of science.



<http://1.ead.me/box5S>

US BLACK ENGINEER & IT: VETERAN'S ISSUE

- COVER STORY**
 Find out how Rear Admiral Zeita Merchant made history in the Coast Guard and how the CSPI program is building the next generation of leaders in STEM.



<http://1.ead.me/box5T4>

- CAREER VOICES**
 From childhood dreams of flying to leading a brigade of soldiers, Col. Hawkins' story is one of passion, perseverance, and service.
- FEATURE: THE CENTENNIAL SEVEN: OUR COLD WAR HEROES**
 Delve into the untold stories of the seven naval officers who broke barriers and commanded nuclear submarines during the Cold War.
- FEATURE**
 Top Leaders in the Military: 2024 marks the 20th year of USBE's salute to Black flag officers.
- FEATURE**
 Top Leaders in Senior Executive Service (SES): This exclusive list honors our nation's top individuals in federal leadership.

US BLACK ENGINEER & IT: DEANS ISSUE

- COVER STORY**
 AMIE celebrates 30 years of advancing minorities. Get to know the CEO leading the organization into the future.
- ONE ON ONE**
 Andrea Williams inspires STEM futures in U.S. Army Corps of Engineers leadership.
- FEATURE**
 Texas Southern University and Central State University join the Council of HBCU Engineering Deans and AMIE.
- TOP SUPPORTERS OF HBCUS**
 Since 2003, USBE&IT magazine has spotlighted the top supporters of our nation's HBCUs. Check out the 21th anniversary class with this year's list!



<https://1.ead.me/bf1019>



CONFERENCE FUN

GAMES!

Test your BEYA knowledge! As you peruse the BEYA STEM DTX™ platform, try your hand to see how much you know about BEYA!

PHOTO BOOTHS

Take a photo using one of our photo booths & share on social media using #beyastem39



PHOTOBOOTH

<https://l.end.me/beDtxz>



SOCIAL MEDIA

Scan the QR codes below to check out our social media!



FACEBOOK

@BEYASTEM



X

@BlackEngineer



INSTAGRAM

@BEYASTEM



LINKEDIN

BEYA STEM Conference



YOUTUBE

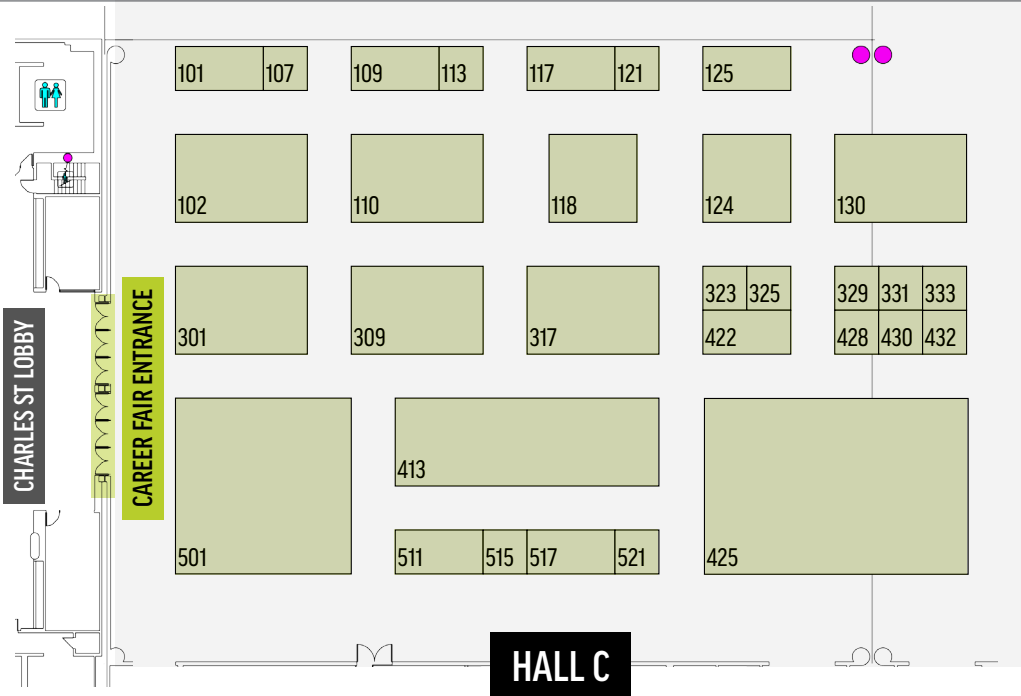
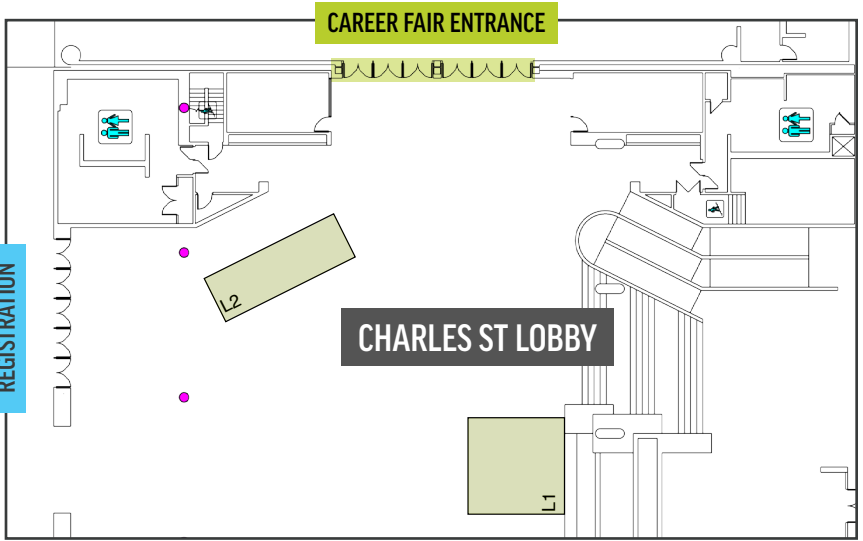
CCG Media

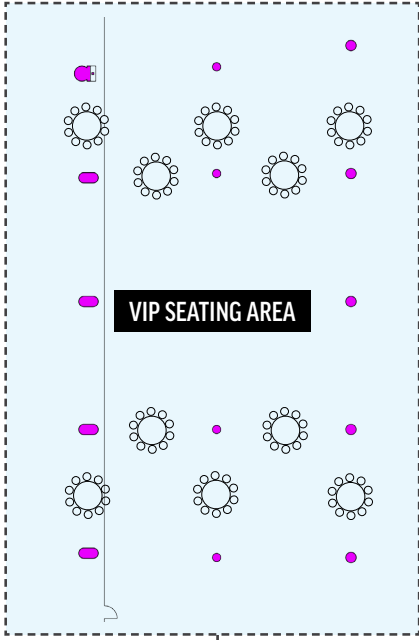
ONSITE EXHIBIT BOOTH DIRECTORY

COMPANY	BOOTH#		
AAMU-RISE Foundation Inc.	288	MITRE	511
Abbott	117	Monneah's Engineered Materials, LLC	491
Accenture Federal Services	428	Morgan State University	287
Advancing Minorities' Interest in Engineering (AMIE)	285	NasaClip	493
Alabama A&M University	192	National Aquarium	498
Alpha Kappa Alpha	388	National Oceanic and Atmospheric Administration (NOAA)	148
Amazon	L1	National Oceanic and Atmospheric Administration (NOAA)	188
Amentum	101	National Technical Association	486
Applied Research Laboratory at Penn State	157	Naval Facilities Engineering Systems Command	331
Army Civilian	413	Naval Fleet of Engineers	497
Army Materiel Command	317	Naval Nuclear Laboratory	329
Army National Guard	425	Navy Civilian Careers	124
Army xTech	459	Norfolk State University	291
B360	488	North Carolina A&T State University	193
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Blacks in Technology	492	NPower	496
Booz Allen Hamilton	353	Nucor Corporation	154
Boston Scientific	138	NuPaths	160
CACI International Inc	521	Omega Psi Phi	392
Capitol Technology University	298	Parsons	143
Central Intelligence Agency	453	Phi Beta Sigma	394
Cindy J Cosmetic Lab, LLC	489	RB&LI	396
City of Los Angeles Bureau of Engineering	547	RTX	301
Columbia University	290	SAIC	432
DAPCEP	422	Sandia National Laboratories	161
Dent Education	494	Snap-on Incorporated	553
Diamondback Energy	121	Southern University and A&M College	189
Dominion Energy	517	Southwest Airlines	107
Ernst & Young	515	SpaceX	151
Exelon Corporation	109	STEM City USA	385
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Hampton University	194	The Columbia Alumnae Chapter of Delta Sigma Theta Sorority, Inc.	286
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HII	110	Tuskegee University	195
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IBM	149	U.S. Navy	130
ICF	333	UL	263
Idaho National Laboratory	155	University of California, Riverside Bourns College of Engineering	296
Institute for Defense Analyses	162	University of Maryland	292
Jackson State University	187	University of Maryland Eastern Shore	191
Jefferson Lab	545	University of the District of Columbia	197
JobMatch and Career Enhancement Lab	L2	University of Virginia	395
Johns Hopkins Applied Physics Lab	549	Urban GIS, Inc.	398
Johns Hopkins Whiting School of Engineering	294	USF College of Engineering	397
KBR	445	Verisk	430
KLA	555	Verizon	125
Leidos	309	Virginia Tech College of Engineering	297
Lockheed Martin	501	What the Sprout?	485
Lumena Energy	495	World Wide Technology	113
Medtronic	139		
Missile Defense Agency	261		

ONSITE – BCC

CAREER FAIR LAYOUT





<https://www.bccenter.org/b/plan-exhibit/floorplans/level-100-map>



139	143	147	149	151	155	157	161	163
138	148	154	160	162	261	263		
337	345	353	359					
439	444	446	448	453	459			
	445	449						
	545	547	549	553	555			

185	187	189	191	193	195	197	
186	188	190	192	194	196	198	
285	287	291	293	295	297		
286	288	290	292	294	296	298	
385	391	393	395	397			
386	388	392	394	396	398		
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HALL D

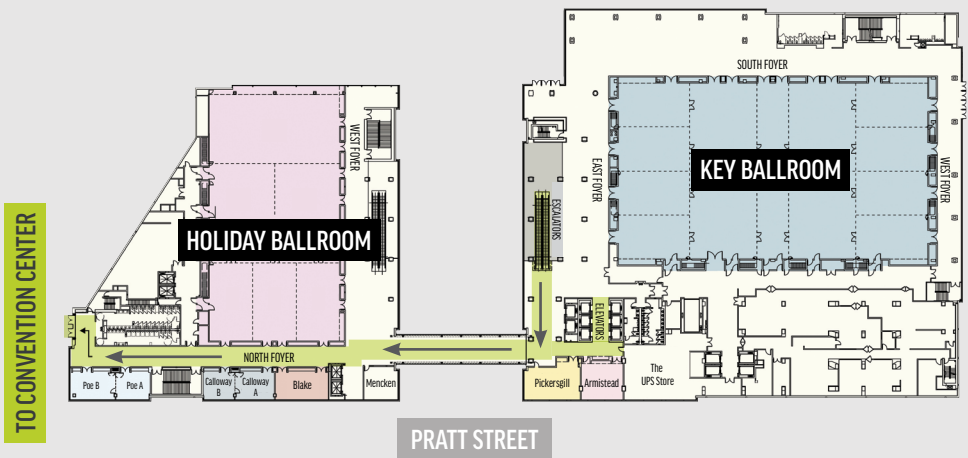
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ONSITE – BALTIMORE CONVENTION CENTER

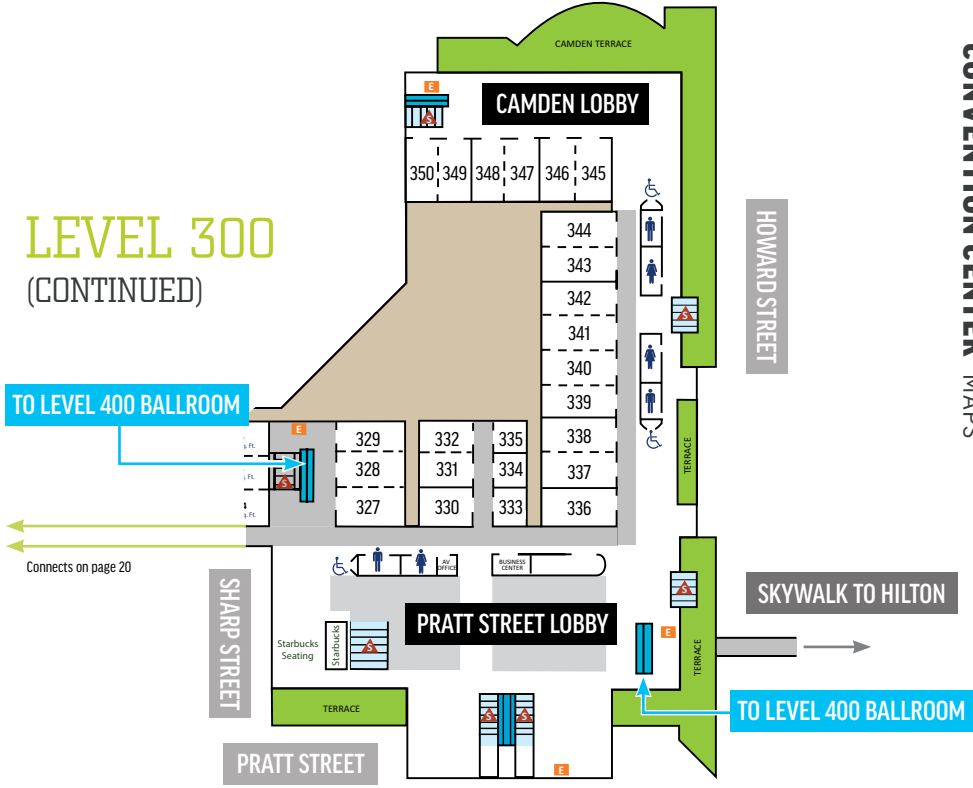
LEVEL 300



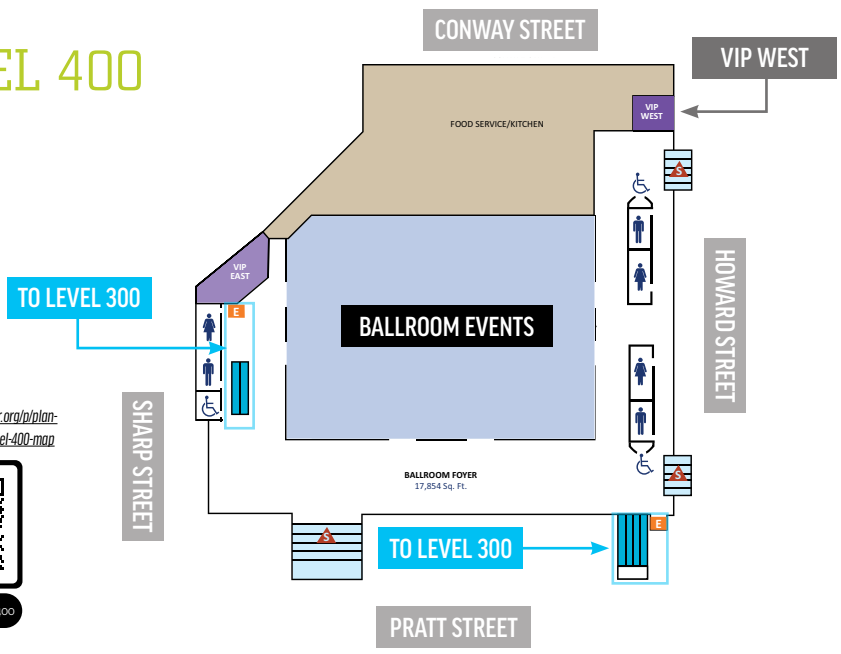
ONSITE – HILTON FLOOR 2



LEVEL 300 (CONTINUED)



LEVEL 400



<https://www.bccenter.org/plans-exhibit/floorplans/level-400-map>



BCC LEVEL 400

LEADERS IN INNOVATION.

We are honored to recognize our winners at the 39th Annual BEYA STEM Conference. 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



Edwardo Gillison
President's Award

Science Spectrum Trailblazer Award:



Kevin Alton



Kiima Ballantyne



Patricia Burton



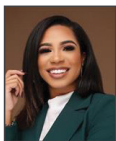
Nikolas Carver



Chelsea Conaway



Baron Eiley



Britney Johnson



Donald Lafrance



Johnny Milien



Raina Parks



Cory Weathers



Cametria Weatherspoon

© 2025 Lockheed Martin Corporati

Modern Day Technology Leader Award:



Lisa Archer-Davies



Edward Brown



Norma Bute



Rojae Charity



Kahdeem Cohens



Tony Cooper



Jason Curry



Samuel Dudley



Brandon Edmonds



Bjorn Foote



Willie Jenkins



Akeya Joyce



Jeff Lamothe



Ron O'Neal



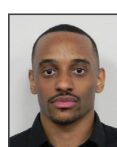
Joel Pope



Joseph Rice



Kevia Richardson



Mahdi Sharif



Nick Spain



Jamal Spearmon



Ogaja Tama



LaQuan Thomas



Terrance Tyus Jr.



Demetria Williams



Tonelious Williams



EVENT PROGRAMS

BEYA IS KNOWN FOR IT'S FABULOUS EVENTS!

The following pages contain ALL of our event programs in ONE handy location! The information contained within is accurate at press time, please consult your app or scan the QR code for the most up-to-date information.



<https://linktr.ee/bevstem>

THURSDAY, FEBRUARY 13, 2025

An Evening with BEYA's Leading Voices

7:00 PM - 8:30 PM EST
BCC Room 307

FRIDAY, FEBRUARY 14, 2025

Technology Recognition Event

Embrace Learning, Embrace the Future

11:45 AM - 2:15 PM EST
BCC Ballroom, Level 4

Stars and Stripes Dinner

Legacy of Valor: 20 Years of Service, Honor, & Mentorship

7:00 PM - 9:30 PM EST
BCC Ballroom, Level 4

SATURDAY, FEBRUARY 15, 2025

HBCU Engineering Deans' Recognition Event

HBCUs Answering the Call: Leading in the Age of AI

8:00 AM - 9:45 AM EST
BCC Ballroom, Level 4

BEYA Awards Ceremony

Journey to the Future - Reflect, Celebrate, and Forge Ahead

8:00 PM - 10:00 PM EST
BCC Ballroom, Level 4

BEYA39

EVENT PROGRAM: LEADING VOICES

AN EVENING WITH

BEYA'S

LEADING VOICES

Thursday, February 13, 2025 • 7:00 PM - 8:30 PM EST

Room 307

AN EVENING WITH

BEYA'S

LEADING VOICES

THURSDAY, FEBRUARY 13, 2025 | 7:00 PM – 8:30 PM EST | ROOM 307

THE ROOT OF INNOVATION

Innovation happens when we cultivate the expansive STEM research taking place on our college campuses that ultimately becomes part of our nation's industrial fabric and our daily lives. We sow. We reap. We grow. Nowhere is this more evident than in the multicultural richness of Historically Black Colleges and Universities. HBCUs have a long legacy of research innovation that provides answers to pivotal questions and provides solutions to problems. An evening with BEYA's Leading Voices celebrates STEM Innovators, four experts in their fields who deliver thought-provoking TechTalks that enlighten and challenge conventional thinking.

HOST: DR. VICTOR MCCRARY, VICE PRESIDENT FOR RESEARCH, UNIVERSITY OF THE DISTRICT OF COLUMBIA

TECH TALK PRESENTERS



HBCUS BRIDGING INNOVATION & NATIONAL SECURITY FOR THE NEXT FRONTIER

DR. MICHELLE PENN-MARSHALL
VICE PRESIDENT FOR RESEARCH & INNOVATION
TEXAS SOUTHERN UNIVERSITY

Dr. Michelle Penn-Marshall joined the TSU community on March 1, 2022, as the inaugural Vice President of the Division of Research and Innovation (DRI). In this role, she has demonstrated strong leadership in expanding research initiatives and fostering

innovation. Since DRIs inception research expenditures have increased by 32.8%, funding requests by 83%, and funding received by 172%. Dr. Penn-Marshall has served as co-PI for the Maximizing Access to Research Careers (MARC) and the Undergraduate Research Training Initiative for Student Enhancement (U-RISE), both programs designed to increase the number of underrepresented minorities in STEM fields who pursue PhD or MD/PhD degrees.

Dr. Penn-Marshall has also contributed to national efforts through her service on the National Council of Graduate Schools Advisory Committee on Advocacy and Public Policy for the Council of Graduate Schools. Additionally, she served as co-PI for the Howard Hampton Morgan State (HHMS) Alliances for Graduate Education and the Professoriate (AGEP) Alliance. Dr. Penn-Marshall currently collaborates with colleagues from the University of Houston (lead) and nine other institutions on a project where external review letters are assessed for validity and fairness in promotion and tenure decision-making, with funding from the Sloan and National Science Foundations.

She is the Principal Investigator (PI) for the \$4.9M U.S. Department of Education Research and Development Infrastructure grant, titled "Path to RI at Texas Southern University." Dr. Penn-Marshall also oversees a \$2M HRSA construction project aimed at advancing urban and public housing equity and is leading a transformative \$40M project to create a research and innovation nexus, connecting TSU and local communities to address critical urban challenges in America.

Committed to cultivating a culture of research and innovation, Dr. Penn-Marshall partners with faculty, staff, students, and local, regional, and state industries. She is a passionate advocate for eliminating educational and health inequities, working tirelessly to transform lives and ensure educational opportunities and healthcare access for all. Dr. Penn-Marshall is a board member and vice chair of the USRA HBCU Space Council and the Springer Nature Research Advisory Council.



AI, NATIONAL SECURITY, AND HBCUS: BUILDING THE PIPELINE TO PROTECT OUR FUTURE

DR. JAMES DEBARDELABEN
CHIEF EXECUTIVE OFFICER | IVYSYS TECHNOLOGIES

Dr. James A. DeBardelaben is the president and CEO of IvySys Technologies, with over 25 years of experience providing advanced technology solutions and services to the defense and intelligence communities. He founded a deep-tech company to deliver exceptional software solutions for artificial intelligence (AI), synthetic data generation, and cybersecurity to national security and commercial customers. Under his strategic

direction and oversight, IvySys has become a leader in providing AI-driven synthetic data generation and advanced analytics capabilities for national security threat awareness challenges. IvySys was selected by the Intelligence and National Security Alliance as a 2020 and 2022 Innovators' Showcase Honoree for its innovative AI capabilities for security and privacy. IvySys has successfully executed over \$40 million in defense research and development funding.

Dr. DeBardelaben has served as a principal investigator and technical subject matter expert on numerous Defense Advanced Research Projects Agency (DARPA) programs. Prior to founding IvySys, he was a program manager for Special Operations Intelligence, Surveillance, and Reconnaissance (ISR) programs at the Johns Hopkins University Applied Physics Laboratory (APL). He has authored over twenty technical journal and conference papers in synthetic data generation, cybersecurity, embedded system design, wireless networking, and rapid system prototyping.

Dr. DeBardelaben earned a Ph.D. in electrical and computer engineering from Georgia Tech, an M.S.E in computer engineering from Princeton University, and a Sc.B. in electrical engineering with honors from Brown University. He also served on the Advisory Board of the Georgia Tech School of Electrical and Computer Engineering for six years and is a recipient of the Georgia Tech Council of Outstanding Young Engineering Alumni Award. In 2023, he was inducted into the Mendel Catholic High School Hall of Fame in his hometown of Chicago, Illinois.

Dr. DeBardelaben is passionate about "paying it forward" to the next generation of scientists and engineers. He and his wife sponsor the James A. and Wyndee P. DeBardelaben Scholarship Endowment for underrepresented minority electrical and computer engineering students as part of the Georgia Tech Promise scholarship fund. He also actively invests in the next generation by providing students with summer internships, where they gain the critical experience needed to land engineering jobs after graduation.



THE STRATEGIC EDGE: ENGINEERING EDUCATION'S ROLE IN BUILDING A SECURE AND DIVERSE NATION

DR. PAMELA MCCAULEY
DEAN OF ENGINEERING | WIDENER UNIVERSITY

Dr. Pamela McCauley is a trailblazing leader whose brilliance and commitment to excellence inspire us all. As the 2019 Technologist of the Year Award recipient, she continues to pave the way for innovation in STEM. Dr. Pamela McCauley is an award-winning engineer, entrepreneur, and globally recognized educator. As the first Black woman to earn a Ph.D. in Engineering in Oklahoma, she has become a passionate

advocate for diversity in STEM. With more than 150 technical publications and pioneering contributions in biomechanics, Dr. McCauley is a true leader in her field. She currently serves as the Dean of the School of Engineering at Widener University.

She is a nationally and internationally recognized expert in Ergonomics, Biomechanics, High-Consequence Disaster Management, Fuzzy Set Theory, and Engineering Leadership Research. Dr. McCauley is a public and private industry leader, author, keynote speaker, mentor and teacher with a track record of success in both analytics and human factors in the field of industrial engineering. She is an academic leader as Dean of School of Engineering and previously Associate Dean in the Wilson College of Textiles at NCSU and Professor of Engineering at the University of Central Florida (UCF). High-tech entrepreneur, STEM and DEI advocate and innovator, plus former Program Director at National Science Foundation (NSF). Former Martin Luther King, Jr. Visiting Professor of Aeronautics and Astronautics at the Massachusetts Institute of Technology (MIT). Successful and impactful experiences as a Jefferson Science Fellow at the US Department of State and ASEE Faculty Fellow with Kennedy Space Center.



SCIENCE AND TECHNOLOGY NEEDS OF THE UNITED STATES NAVY, THE PEOPLE REQUIRED TO IMPLEMENT- OPPORTUNITIES FOR HBCU-MIS

DR. KNOX MILLSAPS
DEPARTMENT HEAD, NAVAL AIR WARFARE & WEAPONS
OFFICE OF NAVAL RESEARCH

Dr. Knox T. Millsaps is the Department Head for Air Warfare and Weapons at the Office of Naval Research. This Department is responsible for all Science and Technology related to the three (3) technologies under the Divisions of Air-Platforms, Kinetic Weapons, and Directed Energy Weapons. He serves as the senior focal point within ONR for basic and applied research as well as advanced technology development in the areas of fixed and rotary wing aerodynamics, aeromechanics, flight mechanics, power, propulsion and thermal management, advanced materials and structures, hypersonics, directed energy weapons, including high powered continuous and pulsed lasers, and high powered microwaves, and counter directed energy technologies, energetic materials, combat aircraft survivability, autonomous vehicles and carrier deck operations, as well as the development of computational and experimental tools for future engineering design efforts.

Dr. Millsaps entered the Senior Executive Service in 2015. He is a Professor and Chairman Emeritus at the Naval Postgraduate School (NPS) in Monterey, California. From 1992 to 2015, he was a Professor of Mechanical and Aerospace Engineering at NPS, founded the Marine Propulsion Laboratory, and was Department Head from 2008- 2014. He also served as the Associate Provost for Academic Affairs (2005-2006) and Institutional Development (2006-2008).

He was the Program Manager for the NPS Distance Learning Programs to the Naval Nuclear Propulsion Program for Bettis Reactor School Engineering Graduates (2002-2014), started Program for Navy Test Pilot School, and was the founding Executive Agent for the DoD Scholarship-for-Service, Science Mathematics and Research for Transformation (SMART) Program. He was a Congressional Fellow (2000-2001) and Staff (2001-2002) for Representative John Spratt on House Armed Services Committee. He worked as a Junior Engineering at Pratt and Whitney (1983-1984) in the Military and Space Engines Division in West Palm Beach, FL, and as a Staff and Senior Staff Engineer in the Commercial Engines Division in East Hartford, CT (1985-1988). 10/15 Dr. Millsaps has conducted research and published in the areas of Turbomachinery Aerodynamics, Heat Transfer, and Rotordynamics, diesel engine diagnostics, signal processing, advanced energy and thermodynamic cycles, and synthetic- and bio- fuel combustion. He is and a member of ASME and AIAA and past Chairman of the Board of Directors for the International Gas Turbine Institute (IGTI), where he serves as a member of the Turbomachinery and Marine Committees.

Dr. Millsaps holds a bachelor's with Highest Honors in Engineering Science from the University of Florida and a Master's and Doctorate in Aerospace Engineering from MIT. He was named an Outstanding Alumnus by the University of Florida in 2007 and has received the Meritorious and Superior Civilian Service Awards.

CLOSING REMARKS - DR. VICTOR MCCRARY

BEYA39

TECHNOLOGY RECOGNITION LUNCHEON

EMBRACE LEARNING, EMBRACE THE FUTURE

Friday, February 14, 2025 • 11:45 AM – 2:15 PM EST

Live from the Baltimore Convention Center, Ballroom Level and BEYA DTX Platform, Baltimore, MD

EVENT SPONSORS



EVENT PROGRAM: TECHNOLOGY RECOGNITION LUNCHEON

EMBRACE LEARNING, EMBRACE THE FUTURE

Friday, February 14, 2025 • 11:45 AM – 2:15 PM EST

Live from the Baltimore Convention Center, Ballroom Level and BEYA DTX Platform, Baltimore, MD

FEATURING: Modern-Day Technology Leaders, Science Spectrum Trailblazers, and Federal Agency Leadership Awardees

TECHNOLOGY RECOGNITION LUNCHEON SPONSORS: Abbott, BAE Systems, CACI International Inc, HII, World Wide Technology

CONFERENCE CO-HOSTS: Lockheed Martin, The Council of Engineering Deans of the Historically Black Colleges and Universities, *US Black Engineer & Information Technology Magazine*

CONFERENCE TECHNOLOGY HOST: Google

CONFERENCE CO-SPONSORS: Actalent, Leidos, RTX

OFFICIAL AIRLINE: Southwest Airlines

PROUD MEDIA SPONSORS: Maryland Public Television, The Afro

This luncheon emphasizes the need for continuous learning and the acquisition of new skills in a rapidly evolving technological landscape. It celebrates rising employee stars and future leaders who demonstrate resilience and initiative by embracing personal and professional development. Attendees will go on to explore how to foster cultures of lifelong learning, ensuring employees are prepared to meet new challenges and thrive in the face of technological shifts.

EMCEE:

ANGELA STRIBLING

GROUP 1 – MODERN-DAY TECHNOLOGY LEADERS

MANISH PARIKH

Chief Technology Officer, Business and Information Solutions
CACI International Inc.

GROUP 2 – MODERN-DAY TECHNOLOGY LEADERS

BRIAN BLANCHETTE

Executive Vice President and President
Ingalls Shipbuilding
Hill

GROUP 3 – MODERN-DAY TECHNOLOGY LEADERS

ASHLEY HARRIS

Director of Community and Engagement
World Wide Technology

GROUP 4 – MODERN-DAY TECHNOLOGY LEADERS

DAN ANTAL

General Counsel
Leidos

GROUP 5 – MODERN-DAY TECHNOLOGY LEADERS

DR. NICOLE HENLEY

Executive Director, Global Server Operations
Google

GROUP 6 – MODERN-DAY TECHNOLOGY LEADERS

VALERIE HUNTER

Vice President, Human Resources Intelligence & Security
BAE Systems

GROUP 7 – FEDERAL AGENCY LEADERSHIP

GEROME BURRELL

Divisional Vice President, Product Security
Abbott

GROUP 8 – SCIENCE SPECTRUM TRAILBLAZERS

ANSELM BEACH

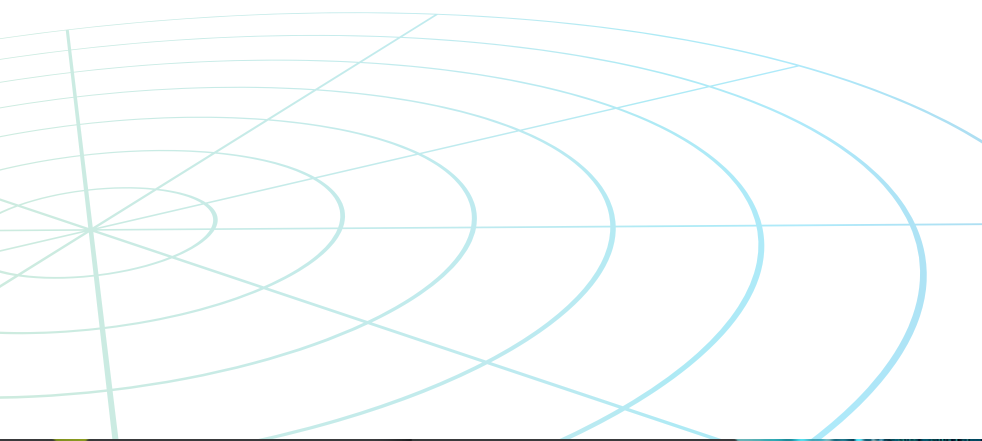
Director, Government Relations
RTX

GROUP 9 – SCIENCE SPECTRUM TRAILBLAZERS

STEPHANIE HILL

President, Rotary and Mission Systems
Lockheed Martin

CLOSING REMARKS





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www.mystemcity.com





LEGACY OF VALOR: 20 YEARS OF SERVICE, HONOR, & MENTORSHIP

Friday, February 14, 2025 • 7:00 PM – 9:30 PM EST
Ballroom, Baltimore Convention Center, DTX: BEYA World I

EVENT SPONSORS



Booz | Allen | Hamilton*



GENERAL DYNAMICS



MITRE



ACADEMIC SPONSOR





BEYA STARS & STRIPES AWARDS

LEGACY OF VALOR: 20 YEARS OF SERVICE, HONOR, & MENTORSHIP

STARS AND STRIPES DINNER

Friday, February 14, 2025 • 7:00 PM – 9:30 PM EST
Ballroom, Baltimore Convention Center, DTX: BEYA World I

STARS & STRIPES DINNER SPONSORS: Amentum, BAE Systems, Booz Allen Hamilton, Diamondback Energy Inc., General Dynamics, Leidos, Lockheed Martin, MITRE, RTX, World Wide Technology

CONFERENCE CO-HOSTS: Lockheed Martin, The Council of Engineering Deans of the Historically Black Colleges and Universities, *US Black Engineer & Information Technology Magazine*

CONFERENCE TECHNOLOGY HOST: Google

CONFERENCE CO-SPONSORS: Actalent, Leidos, RTX

OFFICIAL AIRLINE: Southwest Airlines

PROUD MEDIA SPONSORS: Maryland Public Television, The Afro

For two decades, BEYAs Stars and Stripes has celebrated the strength, unity, and dedication that define our military and STEM leaders. This 20th-anniversary milestone honors the guardians of our shared legacy—those who lead with valor, inspire with resilience, and mentor with purpose. This year's theme, Legacy of Valor, is a tribute to the steadfast spirit of our military heroes, the integrity that guides them, and the powerful continuum of mentorship that shapes future STEM innovators. As we gather, we reflect on a remarkable journey of service and unity that bridges generations and lights the path for those to come.



CAREER
COMMUNICATIONS GROUP, INC.

Dear Friends and Colleagues,

Welcome to the 20th Anniversary of the Annual BEYA Stars & Stripes Awards Ceremony and Dinner.

The theme for this year's event is "Legacy of Valor: 20 Years of Service, Honor, & Mentorship." The BEYA Stars & Stripes Committee, in partnership with leaders from the Department of Defense, industry, and academia, continues to work diligently to provide our nation with Science, Technology, Engineering, and Math (STEM) talent. The opportunities for youth in STEM have never been greater. The support of committed educators, outstanding volunteers, and parents is the key to youth success in STEM. The BEYA Stars & Stripes mission helps create the environment to motivate and encourage our youth to pursue a STEM education.

Committed senior leaders who willingly volunteer their time and talents are the reason for our program's ongoing success. Secretary Craig Crenshaw, Virginia Secretary of Veterans and Defense Affairs leads our Pre-Dinner Mentoring. Over the last 14 years 1,900 active-duty Flags, Generals, and Senior Executive Service (SES) have mentored 7,987 youth prior to our dinner/awards event. And this year is no exception. At 1500 on Friday, February 14, Secretary Crenshaw and his team will mentor over 500 students at the Baltimore Convention Center, Baltimore, MD. Over 150 Active-duty Flags, Generals, and SES personnel have volunteered to participate and provide an engaging experience for our youth. To extend our reach, our Pre-Dinner Mentoring has expanded outside the Mid-Atlantic region to include students from Ohio, Alabama, and Delaware.

SES (Ret.) Jesse McCurdy spearheads our year-round mentoring program utilizing retired Flag, General, and SES personnel. These executives bring experience from all the Services and the National Security Agency. According to *US News and World Report*, our partners include the top-rated high schools in the nation.

Another Stars & Stripes program is BEYA Career Day, led by LTG Bruce Crawford (Ret.) with the assistance of BEYA Stars & Stripes Student ambassadors. In these nation-wide virtual events, students learn about exciting STEM careers. Among our 2024 presenters were Astronaut Charlie Bolden, Maj Gen USMC (Ret.), Nuclear Engineer Mel Williams, VADM USN (Ret.), General Vincent K. Brooks, USA (Ret.), and Ms. Erica Dobbs of Dobbs Defense Solutions.

In 2023 we established the BEYA Stars & Stripes Scholarship program led by Hampton University President LTG Darrell Williams (Ret.) to provide supplemental funding for high school graduates pursuing higher education. Currently, seven students are receiving scholarship stipends to further their college journey.

Congratulations to our BEYA Stars & Stripes 2025 Military awardees. You are role models and motivators for our future leaders.

On behalf of our Stars & Stripes Founders, military, civilian defense personnel, and corporate sponsors, thank you. Your participation in The BEYA "365" Experience is creating a legacy for all time, because you're changing lives.

Sincerely,

VADM Anthony L. Winns, USN (Ret)
National Chairman of BEYA Stars and Stripes Committee

Tyrone D. Taborn
Chairman & CEO



JOHN HELLER
Chief Executive Officer
Amentum

Dear Stars and Stripes honorees and guests,

We come together tonight to honor a legacy of valor and celebrate the pivotal role of innovative military and STEM leaders in protecting our national security.

Congratulations from all of us at Amentum to the distinguished officers who inspire, lead, and mentor with the integrity and wisdom to shape future STEM pioneers.

As a global leader in advanced engineering and innovative technology solutions, we are trusted by the United States and its allies to address their most significant and complex challenges in science, security and sustainability. Engineering expertise is the heart of Amentum, and we are excited to support BEYA in its mission to further the development and recognition of outstanding talent in the STEM professions. With BEYA, we celebrate four decades of awarding the exceptional efforts of black engineers and recognizing their impact on STEM advancement.

We also have a storied legacy in valuing the immeasurable contributions that veterans make to our business. Nearly one-third of our Amentum team are veterans. Service members bring a unique set of skills that drive business success: tenacity, the ability to innovate and excel under pressure, and an unmatched mission focus that helps deliver world-class solutions to customers time and time again.

As we salute the spirit of our military heroes at tonight's tribute, we commemorate BEYA for their mentorship in preparing the next generation to bring solutions to our world's biggest challenges. Happy 20th anniversary to BEYA's Stars & Stripes dinner celebration!

To all of you who have served, thank you, and congratulations once more to tonight's awardees.

John Heller | Chief Executive Officer



Booz | Allen | Hamilton®

HORACIO D. ROZANSKI

Chairman and Chief Executive Officer
Booz Allen Hamilton Inc.

Dear Stars and Stripes Honorees and Guests:

Tonight, we gather to honor the exceptional achievements of active and retired Black generals, admirals, and members of the Senior Executive Service. They have driven innovation and excellence across all branches of military service, leaving an indelible mark on the U.S. Armed Forces through their invaluable contributions and leadership.

At Booz Allen, we are proud to provide a people-first environment of belonging and connection for our 10,000-strong community of military-connected employees—reservists, guardsmen, spouses, and families—who comprise nearly one-third of our workforce. They enrich our institution immeasurably and truly embody our purpose: empower people to change the world. We are honored and grateful that they have chosen to continue their passionate service for our nation at Booz Allen, delivering mission outcomes through advanced technology solutions.

We remain deeply committed to supporting our technical talent, with more than 21,000 technologists embedded in critical national missions, and strengthening the technical skills in our communities. We provide opportunities for transitioning service members to build meaningful STEM careers while investing in the places where we work and live to support the next wave of rising leaders and innovators. To meet the moment in today's rapidly changing world, speed is of the essence, and these investments in current and future generations of talent ensure we can innovate to stay ahead of the pace of change.

Congratulations to Booz Allen's 26 award recipients, including Stephanie Boone-Shaw, recipient of the Linda Gooden Legacy Award, and to all BEYA honorees. You exemplify the finest qualities of our nation. Thank you for your service, leadership, and dedication to creating a brighter future for all.

Horacio D. Rozanski | Chairman and Chief Executive Officer



TRAVIS STICE

Chairman & CEO
Diamondback Energy

Dear Colleagues,

Welcome to BEYA's 2025 Stars & Stripes! I extend warm congratulations to the officers, personnel, and awardees celebrated this evening. A job well done on your achievements! We look forward to what you will continue to accomplish in the future.

Diamondback Energy proudly stands behind our courageous military service members. This year, we're honored to salute the U.S. Coast Guard for its allegiance to be Semper Paratus – Always Ready. We have 120 employees who are veterans serving in our company's ranks. The selfless service and sacrifice of these defenders of our great country make me truly proud to be an American.

I commend BEYA's undertaking to recognize STEM leaders going above and beyond to further American advancements and ingenuity. It's paramount to cultivate the best and brightest talent to lead our country to greater heights. Collectively, we can inspire creativity, fuel excellence, and empower learning.

As a leading energy independent in oil and gas, Diamondback is committed to responsible stewardship of our natural resources - and our people resources. Not only is our industry chiefly STEM-powered, but the wildcatter spirit of our West Texas roots is the same spirit harnessed by high-achieving scientists, technologists, engineers, and mathematicians.

Like BEYA, we're actively advancing STEM talent. This includes supporting events such as this, spearheading STEM education opportunities for local students, and facilitating internships for future energy leaders.

Together, we're investing in future generations of Americans to build our country's strength.

Thank you again for being here this evening.

Sincerely,

Travis Stice | Chairman & CEO



GENERAL DYNAMICS

PHEBE N. NOVAKOVIC

Chairman and Chief Executive Officer

General Dynamics

Dear Colleagues and Friends,

We are pleased to once again sponsor the annual BEYA Stars and Stripes dinner. This event plays an important role in recognizing the extraordinary service and dedication of Black Americans who serve our nation by applying their minds to our nation's critical technological challenges.

We are proud to salute and celebrate the United States Coast Guard, this year's featured service branch. Their commitment to our nation's maritime security and free trade is essential, and we thank these brave men and women for being Semper Paratus – always ready.

General Dynamics is proud of our longstanding partnership with BEYA. Our shared commitment to developing future leaders in the technology fields yields a workforce that is not only more diverse, but also more capable and better prepared to contribute to our nation's security.

Congratulations to all the awardees and to BEYA for their unwavering commitment to elevating diverse talent.

Sincerely,

Phebe N. Novakovic | Chairman and Chief Executive Officer



TOM BELL

Chief Executive Officer
Leidos

Honorees and Guests,

It is my distinct pleasure to welcome you to the 20th annual BEYA Stars & Stripes Dinner—one of the largest and most prestigious celebrations of Black Americans in defense of our nation—and to extend a special welcome to the men and women of this year's featured service, the U.S. Coast Guard.

Tonight's event is a testament to the fact that heroism is not limited by race, rank, or gender, and I could not be prouder that Leidos is part of such a worthy cause.

At Leidos, supporting our military veterans and their families is a deeply rewarding mission, whether delivering mission-critical technology solutions and healthcare services or sponsoring events that highlight extraordinary contributions.

The future of our military depends on our next generation of heroes, and the leaders in this room play a pivotal role in mentoring and inspiring our youth to pursue STEM careers in service to our nation. Leidos enthusiastically supports your work preparing the innovators of tomorrow for the challenges ahead.

On behalf of my 48,000 Leidos teammates worldwide, including more than 9,000 veterans and military spouses, I congratulate tonight's honorees and thank you for your service. Your valor, mentorship, and commitment to excellence light the path for future generations, and you have our deepest respect.

Thank you and enjoy your evening.

Tom Bell | Chief Executive Officer



LOCKHEED MARTIN 

JAMES D. TAICLET

**Chairman, President and Chief
Executive Officer**
Lockheed Martin

Dear Stars and Stripes Attendees:

Each year, this unique gathering celebrates outstanding STEM professionals in military and public service in the U.S. Armed Forces and Senior Executive Service. You are leaders, patriots and innovators, and we are inspired by your dedication to our nation.

This year, Stars and Stripes also honors the U.S. Coast Guard and the critical role it plays in protecting people, property and the rule of law along our maritime borders. At Lockheed Martin, we support the Coast Guard with solutions in the air, on the water and in command-and-control, and we appreciate this opportunity to spotlight your many contributions to our national security. Thank you for all you do.

Our company is proud to work alongside our military and civilian customers to develop and deploy 21st Century Security® solutions that protect our citizens, deter our adversaries, and enable discovery. As the largest provider of technology to the U.S. Defense Department, to our allies, and to the intelligence community, we are collaborating with you to effectively deter the great power conflict and emerging threats around the globe.

We have many teammates who have carried forward their sense of service into post-military careers. About one in five of our team members is a veteran, reservist or military spouse, and we appreciate their valuable contributions to our company and insights into the needs of our customers. We also live our commitment to the military through our action. Whether it's through social impact, or volunteering with veteran-focused causes, we stand together to support those who have served.

Congratulations to Stars and Stripes on "20 Years of Service, Honor & Mentorship" and to all who are being recognized tonight. On behalf of 122,000 global team members at Lockheed Martin, we celebrate your accomplishments and achievements in your fields.

Sincerely,

James D. Taiclet | Chairman, President and Chief Executive Officer



JUAN DE BEDOUT
Chief Technology Officer
RTX

Dear Stars and Stripes Honorees and Guests:

Welcome to the 2025 BEYA STEM DTX Conference Stars and Stripes Awards Dinner.

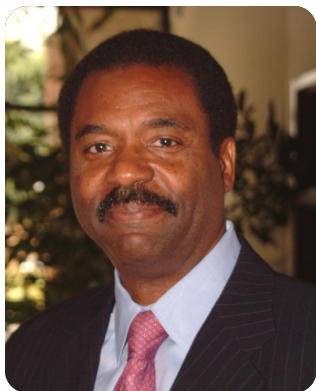
We are excited to celebrate the 20th anniversary of this esteemed gathering to honor our Black military heroes and members of the Senior Executive Service. Tonight's theme, "Legacy of Valor: 20 Years of Service, Honor & Mentorship," is fitting as our military heroes have shown extreme courage and resilience – protecting and defending our country and creating opportunity for the next generation of Black servicemen and women.

At RTX, for more than 100 years, our values have been rooted in a higher calling – to help our nation and allies defend freedom and democracy. Those values empower our Collins Aerospace, Pratt & Whitney and Raytheon businesses to push the limits of science and technology to help ensure the safety of the men and women who protect our country and our way of life.

On behalf of 185,000 RTX employees, including our almost 17,000 military veterans and reserve service members, I want to congratulate each of tonight's honorees and their loved ones on their accomplishments. I also would like to acknowledge this year's featured service branch, the U.S. Coast Guard, for its unwavering commitment to safeguarding our maritime environment.

Finally, thank you to all who have served and enabled us to work together to create a safer, more connected world.

Juan de Bedout | Chief Technology Officer



DAVID L. STEWARD

Founder and Chairman
World Wide Technology

Dear Friends and Colleagues,

With great honor and respect, I congratulate this evening's honorees. I would like to extend my profound thanks to all of you for demonstrating great courage, strength, fidelity and humility in service to our country as a member of the military or as a civilian.

At World Wide Technology, we understand the importance of continuously developing the most advanced technology. Doing so is critical if we are to grow the economy with new products and services. Advancing technology also is essential to protecting the freedoms enjoyed by U.S. citizens and our allies. It is true talent is evenly distributed, but it is also true opportunity is not as equitable. We at WWT are committed to fostering and empowering an environment of diversity and inclusion because it is essential to innovation and progress for our nation.

We remain steadfast in our dedication to support Black Americans and all minority communities across military and civilian life to pursue careers in the fields of science, technology, engineering, and mathematics (STEM). I was honored to be named Black Engineer of the Year many years ago. I extend my heartfelt congratulations and admiration to the eight from WWT who were named Modern Day Technology Leaders: Jas Binning; Darnel Frost; Rajan Cutting; Nikki Griffin-Staes; Matt Hernando; Sathish Kumar Munuswamy; Phillip Palmer; Susan Paulus; Jeff Rector; and, Eric Stafford.

Each day you excel and push the boundaries of technology. You make me a better leader, and for that, I thank you. From our humble beginnings in a tiny office to \$20 billion in sales with a network of 10,000+ colleagues worldwide, WWT serves the global community as the largest Black-owned company in North America. We are committed to building and nurturing the future of the technology workforce by investing in STEM-focused education, internships, and work-based learning opportunities and activities. Our goal is to continue to build, retain and develop the individuals who will lead our future.

To all of you here this evening, thank you for your compassion and willingness to lend a helping hand to others. Giving back is more than good business; it is our duty to uplift, engage and support the people and communities around us.

Please enjoy tonight's festivities and once again, I am grateful for your remarkable dedication, service, and commitment to the liberty, values and future of this great nation.

David L. Steward | Founder and Chairman



MITRE

MARK PETERS

President and Chief Executive Officer
MITRE

Dear Stars and Stripes Honorees and Guests:

As we gather this evening to celebrate the 20th anniversary of BEVA's Stars and Stripes Dinner, it is my honor to represent MITRE and our 10,000+ teammates from around the world in expressing our deepest gratitude to all those who serve and protect our nation.

At MITRE, we are privileged to support every branch of the military, applying emerging technologies and systems thinking to create innovative solutions that strengthen deterrence and keep our nation safe. We are committed to advancing our sponsors' missions and ensuring our military has the tools needed to navigate an increasingly complex global landscape. At the heart of all of this is our belief that the strength of our nation lies in its people.

MITRE is dedicated to building the best and brightest workforce—one that draws on the talents and insights of all its people. This is how we ensure that our thinking remains fresh, our security stays strong, and our future is prosperous.

This approach is especially critical in today's world, where we face strategic competition, emerging threats, and global disruptions. Now more than ever, we must embrace partnerships, like the one we've built with BEVA for nearly four decades. Events like BEVA allow us to connect with a broader community, highlight incredible work and individuals, and share the opportunities we offer to future talent.

I am particularly proud of the 16 MITRE employees receiving BEVA Awards this year—our most ever. Their leadership, service, and innovation are a testament to the incredible talent that drives our work. These individuals, along with all of this year's honorees, are inspiring the next generation of leaders to push boundaries and make an impact.

As we reflect on this evening's theme, Legacy of Valor: 20 Years of Service, Honor, and Mentorship, I am reminded of the courage, integrity, and selflessness that define those who serve. I am deeply proud to stand alongside all of you as we honor and celebrate the remarkable contributions of those who have answered the call to lead, protect, and inspire.

To all of tonight's honorees—congratulations. You make us all stronger, and you make our nation safer every day. Let us all continue to put the mission first but remember: the people committed to the mission are what make it all possible.

Best regards,

Mark Peters | President and Chief Executive Officer

This event is sponsored by

BAE SYSTEMS

This event is sponsored by





STARS & STRIPES FOUNDERS WELCOME

**BRIGADIER GENERAL
VELMA L. RICHARDSON**
UNITED STATES ARMY (RET)

**MAJOR GENERAL
RONALD L. JOHNSON**
UNITED STATES ARMY (RET)

**LIEUTENANT GENERAL
JOSEPH N. BALLARD**
UNITED STATES ARMY (RET)

MR. WILLIAM A. BROWN, SR.
UNITED STATES ARMY (RET)

GENERAL JOHNNIE E. WILSON
UNITED STATES AIR FORCE (RET)
CHAIRMAN EMERITUS

GENERAL WALTER E. GASKIN
UNITED STATES MARINE CORPS (RET)

REAR ADMIRAL STEPHEN W. ROCHON
UNITED STATES U.S. COAST GUARD (RET)

**LIEUTENANT GENERAL
ALBERT J. EDMONDS**
UNITED STATES AIR FORCE (RET)

GENERAL LESTER LYLES
UNITED STATES AIR FORCE (RET)

MR. JESSE MCCURDY
UNITED STATES NAVY (RET)

VADM WALTER J. DAVIS
UNITED STATES NAVY (RET)
CHAIRMAN EMERITUS

VICE ADMIRAL ANTHONY L. WINNS
UNITED STATES NAVY (RET)
BEYA STARS AND STRIPES NATIONAL
MILITARY ALUMNI

PRESENTATION OF COLORS

NATIONAL ANTHEM

INVOCATION

NATIONAL CHAIR

PARTNER REMARKS

DINNER

STARS & STRIPES MENTORING REMARKS

LEGACY OF VALOR:

20 YEARS OF SERVICE, HONOR, & MENTORSHIP

STARS AND STRIPES AWARD

**U.S. COAST GUARD
SERVICE AWARD:**
COMMANDER CHANEL LEE

**U.S. COAST GUARD
ENLISTED AWARD:**
MCPO ANITRA KEITH

**NATIONAL GUARD BUREAU
SERVICE AWARD:**
CW05 STEPHEN HARPER

US ARMY SERVICE AWARD:
LIEUTENANT COLONEL STEPHEN
BROOKS

US NAVY SERVICE AWARD:
CAPTAIN OMARR TOBIAS

SES AWARD:
TRACY ARNOLD-BERRIOS

**US AIR FORCE
SERVICE AWARD:**
BRIGADIER GENERAL GAIL CRAWFORD

**US SPACE FORCE
SERVICE AWARD:**
COLONEL ANGELO FERNANDEZ

**US MARINE CORPS
SERVICE AWARD:**
BRIGADIER GENERAL WILLIAM
WILBURN

PASSING OF THE TORCH

CLOSING REMARKS

BEYA39

HBCU ENGINEERING DEANS' BREAKFAST

HBCUS ANSWERING THE CALL: LEADING IN THE AGE OF AI

Saturday, February 15, 2025 • 8:00 AM – 9:45 AM EST
Ballroom, Baltimore Convention Center, DTX: BEYA World I

EVENT SPONSORS



HBCUs ANSWERING THE CALL: LEADING IN THE AGE OF AI

Saturday, February 15, 2025 • 8:00 AM – 9:45 AM EST

Ballroom, Baltimore Convention Center, DTX: BEYA World I

HBCU ENGINEERING DEANS' BREAKFAST SPONSORS: Apple, BGE, Boston Scientific, Google, IBM

CONFERENCE CO-HOSTS: Lockheed Martin, The Council of Engineering Deans of the Historically Black Colleges and Universities, *US Black Engineer & Information Technology Magazine*

CONFERENCE TECHNOLOGY HOST: Google

CONFERENCE CO-SPONSORS: Actalent, Leidos, RTX

OFFICIAL AIRLINE: Southwest Airlines

PROUD MEDIA SPONSORS: Maryland Public Television, The Afro

As AI revolutionizes industries, Historically Black Colleges and Universities (HBCUs) are leading the charge. This breakfast brings together engineering deans from HBCUs who are committed to equipping the next generation of innovators with the tools to excel in AI-driven fields. Through collaboration, the deans will explore strategies for integrating AI into engineering programs, fostering industry partnerships, and ensuring underrepresented communities remain at the forefront of innovation.

EMCEE:

ALLISON SEYMOUR

INTRODUCTION OF THE HBCU ENGINEERING DEANS

ALABAMA A&M UNIVERSITY

DR. ZHENG DENG

Dean, College of Engineering, Technology & Physical Sciences

FLORIDA A&M UNIVERSITY

DR. SUVRANU DE

Dean of the College of Engineering

HAMPTON UNIVERSITY

DR. JOYCE SHIRAZI

Dean, School of Engineering, Architecture and Aviation

HOWARD UNIVERSITY

DR. JOHN M. ANDERSON

Dean, College of Engineering and Architecture

JACKSON STATE UNIVERSITY

DR. WILBUR WALTERS

Dean, College of Science, Engineering and Technology

MORGAN STATE UNIVERSITY

DR. OSCAR BARTON

Dean, School of Engineering

NORFOLK STATE UNIVERSITY

DR. MICHAEL KEEVE

Dean, College of Science, Engineering & Technology

NORTH CAROLINA A&T STATE UNIVERSITY

DR. STEPHANIE LUSTER-TEASLEY

Interim Dean, College of Engineering

PRAIRIE VIEW A&M UNIVERSITY

DR. PAMELA OBIOMON

Dean, College of Engineering

SOUTHERN UNIVERSITY AND A&M COLLEGE

DR. LEALON LECORTE MARTIN

Dean, College of Sciences and Engineering

TENNESSEE STATE UNIVERSITY

DR. LIN LI

Interim Dean, College of Engineering, Technology & Computer Science

TEXAS SOUTHERN UNIVERSITY

DR. WEI WAYNE LI, PH. D.

Professor and Acting Dean
College of Science, Engineering and
Technology (COSET)
Interim Chair of Computer Science (CS)
Department

TUSKEGEE UNIVERSITY

DR. HESHMAT AGLAN

Dean, College of Engineering

UNIVERSITY OF THE DISTRICT OF COLUMBIA

DR. DEVDAS SHETTY

Dean, School of Engineering & Applied
Sciences

UNIVERSITY OF MARYLAND EASTERN SHORE

DR. DERREK DUNN

Dean, School of Business & Technology

VIRGINIA STATE UNIVERSITY

DR. DAWIT HAILE

Dean, School of Engineering, Science and
Technology

RESEARCH LEADERSHIP

LINDA DESENS, PH.D.

Chief Scientist, Health Behavioral and
Social Sciences Department Group Leader,
Health Communication Innovation &
Research Health & Society Innovation
Center

The MITRE Corporation

MOST PROMISING SCIENTISTS

RICHARD BAIDOO, PH.D.

Research Investigator
Corteva Agriscience

MOST PROMISING SCIENTISTS**DAVID ILOGHO**

Lead Systems Engineer
NOAA's Center for Operational
Oceanographic Products and Services

**GENERAL JOHNNIE WILSON
LEGACY AWARD****FREDRICK BROWN**

CPT Master Analyst Team Lead
CACI International Inc.

**EDUCATIONAL LEADERSHIP –
COLLEGE-LEVEL PROMOTION OF
EDUCATION****THOMAS A. SEARLES, JR. PH. D.**

Associate Professor
University of Illinois Chicago

**ANTHONY R. JAMES
LEGACY AWARD****JULIA CLARKE**

Senior Research Engineer
Southern Company

**CALVIN G. BUTLER JR.
LEGACY AWARD****SHARI RATTRAY**

Manager of Project Execution
Pepco Holdings Inc (PHI)

LINDA GOODEN LEGACY AWARD**STEPHANIE BOONE-SHAW**

Senior Vice President
Booz Allen Hamilton

**DR. CHRISTOPHER T. JONES
LEGACY AWARD****UGONNA OHIRI, PH.D.**

Senior Systems Engineer
Northrop Grumman Systems Corporation

**DR. EUGENE M. DELOATCH
LEGACY AWARD****MAMAR GELAYE**

Vice President, Operations Technology
Solutions
Amazon

**DR. SANDRA JOHNSON LEGACY
AWARD****MARISSA FOX**

Senior Specialist Systems Engineering
L3Harris Technologies

**DR. VICTOR R. MCCRARY JR.
LEGACY AWARD****LATITIA MCCANE, PH.D.**

Director of Education
HII

**RODNEY ADKINS LEGACY AWARD
TERRENCE AUTRY II**

Senior Managing Consultant - Technical
IBM US Federal

**STEPHANIE C. HILL LEGACY
AWARD****NICOLE MATHERN**

Aeronautical Information Specialist
Leidos

**WALT W. BRAITHWAITE LEGACY
AWARD****OLUSOLA AFOLABI**

Director - Global Distribution Business
Unit Engineering
CUMMINS INC.

**DR. LYDIA W. THOMAS LEGACY
AWARD****SHIRLEY NNEAMAKA IKE**

Global Director - Digital Consulting
Wood PLC

BEYA39

BEYA AWARDS CEREMONY

JOURNEY TO THE FUTURE – REFLECT, CELEBRATE, AND FORGE AHEAD

Saturday, February 15, 2025 • 8:00 PM – 10:00 PM EST
Ballroom, Baltimore Convention Center, DTX: BEYA World I

EVENT SPONSORS



JOURNEY TO THE FUTURE – REFLECT, CELEBRATE, AND FORGE AHEAD

Saturday, February 15, 2025 • 8:00 PM – 10:00 PM EST

Ballroom, Baltimore Convention Center, DTX: BEYA World I

BEYA AWARDS CEREMONY EVENT SPONSORS: BGE, Emdor Group, Inc.,
HII, University of Maryland, Baltimore County

CONFERENCE CO-HOSTS: Lockheed Martin, The Council of Engineering Deans of
the Historically Black Colleges and Universities, *US Black Engineer & Information
Technology Magazine*

CONFERENCE TECHNOLOGY HOST: Google

CONFERENCE CO-SPONSORS: Actalent, Leidos, RTX

OFFICIAL AIRLINE: Southwest Airlines

PROUD MEDIA SPONSORS: Maryland Public Television, The Afro

As BEYA approaches its 40th anniversary, this year serves as a moment of reflection and celebration. "Journey to the Future" honors the milestones, challenges, and achievements that have defined nearly four decades of empowering individuals and transforming careers in STEM. This ceremony sets the stage for the future, inspiring participants to forge ahead with renewed purpose as we prepare for the landmark 40th anniversary.

EMCEE:

MARC CLARK

LIFETIME ACHIEVEMENT**JENNIFER BOYKIN**

Executive Vice President and President of
Newport News Shipbuilding
Hill

**MOST PROMISING ENGINEER
IN GOVERNMENT****JODI JANSEN**

General Engineer
Missile Defense Agency

**MOST PROMISING ENGINEER
IN GOVERNMENT****SHATARA J. WALKER**

Industrial Engineer
U.S. Air Force

**MOST PROMISING ENGINEER
IN INDUSTRY****MOSES IKE, PH.D.**

Principal Cybersecurity Research Engineer
Sandia National Laboratories

**MOST PROMISING ENGINEER
IN INDUSTRY****EUGENE MANGORTEY, PH.D.**

Group Leader - Artificial Intelligence (AI)
Safety Intelligence and Assurance
The MITRE Corporation

COMMUNITY SERVICE**MYRON & TIERA FLETCHER**

Executive Fleet Program Chief of Staff &
Executive Fleet Program Integration Office
Senior Manager
The Boeing Company

COMMUNITY SERVICE**DEONTE THOMPSON**

Senior Director, Technical Program
Management Client Solutions Group
Dell Technologies

PIONEER AWARD**CORNELL P. WRIGHT, MPA**

Health Equity Advisor
General Dynamics Information Technology

**DAVE BARCLAY AFFIRMATIVE
ACTION AWARD****LTC JARVIS BUCHANAN**

Operations Officer
Army Futures Command

**DAVE BARCLAY AFFIRMATIVE
ACTION AWARD****DAVID CADE**

Vice President BDS Core Contracting
Global Supply Chain and Integration
The Boeing Company

**DAVE BARCLAY AFFIRMATIVE
ACTION AWARD****KELLYE RANDLE**

Engineering, University and Outreach
Programs
RTX

**EDUCATIONAL LEADERSHIP –
CORPORATE PROMOTION OF
EDUCATION****RYAN C. LAKIN**

Divisional Vice President, Digital Solutions
Abbott

**OUTSTANDING TECHNICAL
CONTRIBUTION IN
GOVERNMENT****ROBYN VIALVA, PH.D.**

Materials Engineer, Program Manager
Air Force Research Laboratory

OUTSTANDING TECHNICAL CONTRIBUTION IN GOVERNMENT

GLENN HINES, PH.D.

Chief Engineer for the Navigation Doppler Lidar Instrument
NASA Langley Research Center

OUTSTANDING TECHNICAL CONTRIBUTION IN INDUSTRY

KEVIN FAIRBANKS, PH.D.

Principal Cyber Operations Engineer; Deputy Cyber Forensics, Capability Area Lead; Acting Project Leader
The MITRE Corporation

OUTSTANDING TECHNICAL CONTRIBUTION IN INDUSTRY

KELLY MILLER SMITH III

Principal
Deloitte

PROFESSIONAL ACHIEVEMENT IN INDUSTRY

KIMBERLY MYERS, PH.D.

Principal/Partner
Deloitte Consulting LLP

PROFESSIONAL ACHIEVEMENT IN INDUSTRY

KALENA STOVALL, PH.D.

Senior Lead Engineer
Booz Allen Hamilton

PROFESSIONAL ACHIEVEMENT IN GOVERNMENT

ADERO PAIGE

Deputy Director, Office of Chief Engineer
National Reconnaissance Office

PROFESSIONAL ACHIEVEMENT IN GOVERNMENT

ELLEN M. ROBINSON

Program Manager/Senior General Engineer
Air Force Research Laboratory/Air Force Office of Scientific Research

CAREER ACHIEVEMENT IN GOVERNMENT

JOHN L. DARGAN, PH.D.

Principal Director, Office of Science and Engineering
Department of Homeland Security

CAREER ACHIEVEMENT IN GOVERNMENT

JONATHAN RANSOM, PH.D.

Deputy Director, Engineering Directorate
NASA Langley Research Center

CAREER ACHIEVEMENT IN INDUSTRY

JIMMIE LEE DAVIS, JR., D.ENG.

Project Lead, PNT Engineer
The MITRE Corporation

CAREER ACHIEVEMENT IN INDUSTRY

MARKEEVA MORGAN, PH.D.

Vice President and Program Manager
The Boeing Company

ENTREPRENEURIAL LEADERSHIP

DIEDRE WINDSOR

President and CEO
Windsor Group LLC

GEM OUTSTANDING YOUNG ALUMNUS/ GEM STUDENT LEADERSHIP

JOSUÉ J. LOPEZ, PH.D.

Investor | Entrepreneur
Fine Structure Ventures

SENIOR INVESTIGATOR

DERKE R. HUGHES, PH.D.

Senior Research Engineer
Naval Undersea Warfare Center (NUWC)
Division Newport

VISIONARY AWARD

MARCUS MITCHELL

Engineering Director
Google

PRESIDENT'S AWARD

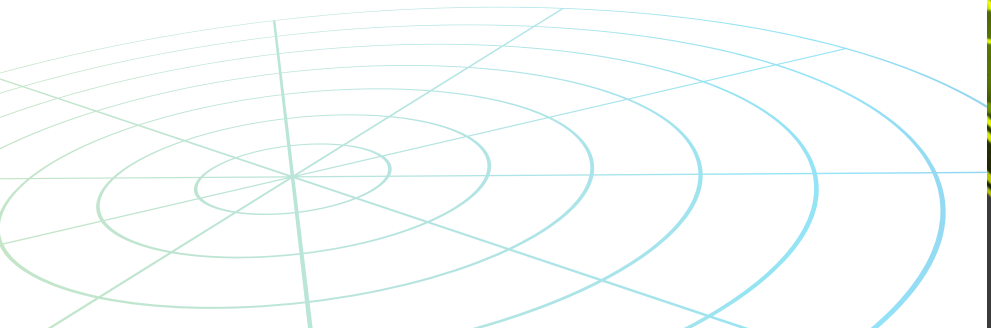
EDUARDO T. GILLISON

Director, International Engineering & Technology
Lockheed Martin Corporation

2025 ENGINEER OF THE YEAR

DR. RON JOHNSON

Chief of Staff and Senior Vice President
for Strategic Initiatives
Georgia Institute of Technology



HBCU ENGINEERING SCHOOLS SHOWCASE

The 17 ABET Accredited HBCU Schools of Engineering continue to forge a path of excellence, operating research initiatives that range from joint effort research in cyber warfare, cyber defense, and high-tech computational research and data analysis to the resources that train minority students and establish faculty collaborations in materials research.

Additionally, some centers strengthen their capacity to research environmental health and health disparities and produce curricula that serve as a foundation for building the next generation of innovative researchers to help solve challenges.

We invite you to connect with the deans to collaborative opportunities in academia, research, industry, and transformative technology development.

ALABAMA A&M UNIVERSITY

COLLEGE OF ENGINEERING, TECHNOLOGY, AND PHYSICAL SCIENCES

DR. ZHENGTAO (Z.T.) DENG

DEAN, COLLEGE OF ENGINEERING, TECHNOLOGY AND PHYSICAL SCIENCES | PROFESSOR, MECHANICAL ENGINEERING DEPARTMENT

ALABAMA A&M UNIVERSITY ARTHUR J. BOND HALL

4900 Meridian Street, Normal, AL 35762

Website: <http://www.aamu.edu/academics/engineering-technology/pages/default.aspx>

Social media: Facebook: <https://www.facebook.com/aamuedu/>
X (formerly Twitter): @aamuedu

COLLEGE/SCHOOL OVERVIEW

The College of Engineering, Technology, and Physical Sciences is organized into departments: (1) Mechanical and Civil Engineering, (2) Electrical Engineering and Computer Science, (3) Technology, and (4) Physics, Chemistry, and Math. The B.S. degrees in civil engineering, electrical engineering and mechanical engineering programs are accredited by the Engineering Accreditation Commission of ABET. The college actively collaborates with government and industry partners in the Huntsville research ecosystem

CENTRAL STATE UNIVERSITY

JOHN W. GARLAND COLLEGE OF ENGINEERING, SCIENCE, TECHNOLOGY, AND AGRICULTURE

ARUNASALAM RAHUNANTHAN, PH.D.

INTERIM DEAN AND PROFESSOR OF MATHEMATICS
JWG COLLEGE OF ENGINEERING, SCIENCE, TECHNOLOGY, AND AGRICULTURE

COLLEGE/SCHOOL OVERVIEW

The four-year Bachelor of Science program in Manufacturing Engineering is one of the few dedicated to manufacturing engineering education. The Engineering Accreditation Commission of ABET accredits the program. In addition, CESTA offers a B.S. degree in environmental engineering and programs in mathematics, computer science, military science, semiconductor education, and research. The college creates an atmosphere of collaboration, research, and inquiry among its faculty and students.

POINT OF CONTACT

ARUNASALAM RAHUNANTHAN, PH.D.

INTERIM DEAN AND PROFESSOR OF MATHEMATICS
JWG COLLEGE OF ENGINEERING, SCIENCE, TECHNOLOGY, AND AGRICULTURE

CENTRAL STATE UNIVERSITY

Wilberforce, Ohio, 45384

Website: <https://www.centralstate.edu/academics/science>

Social Media: Facebook: <https://www.facebook.com/CentralState87/> | X (formerly Twitter): <https://x.com/CentralState87>

FLORIDA A&M—FLORIDA STATE UNIVERSITY

SUVRANU DE, SC.D.

DEAN, COLLEGE OF ENGINEERING

FAMU-FSU COLLEGE OF ENGINEERING

2525 Pottsdamer Street, Suite B206 B206, Tallahassee, FL 32310-6046

Website: <http://www.eng.famu.fsu.edu>

Social media: Facebook: <https://www.facebook.com/famufsuco/>

X (formerly Twitter): [FAMU-FSU Engineering @FAMUFSUCOE](#)

COLLEGE/SCHOOL OVERVIEW

The FAMU-FSU College of Engineering has recently added a Bachelor of Science in Biomedical Engineering, Master of Systems Engineering, online Master of Engineering in Civil Engineering, and graduate certificate programs in industrial/manufacturing and mechanical engineering. The college has expanded our materials science engineering degree programs and made program and track curriculum modifications to increase competitiveness of engineering students in the job market.

HAMPTON UNIVERSITY

SCHOOL OF ENGINEERING, ARCHITECTURE, AND AVIATION

DR. JOYCE T. SHIRAZI, DEAN

SCHOOL OF ENGINEERING, ARCHITECTURE, AND AVIATION

268 Marshall Ave • Hampton, VA 23666

Website: <http://set.hamptonu.edu>

Social media: Facebook: <https://www.facebook.com/hamptonuniversity/> | X (formerly Twitter): [@HamptonU](#)

COLLEGE/SCHOOL OVERVIEW

A 25th Anniversary donor wall plaque recognition was placed in the Olin School of Engineering & Technology (SET) building in 2021. The School of Engineering, Architecture and Aviation (SEAA) produces about 40 graduates annually. The strategic plan calls for expanding as well as strengthening undergraduate offerings, building graduate engineering programs, and developing clearly defined research areas of excellence. The school is also building contracting relationships with prime contractors in a variety of applications.

HOWARD UNIVERSITY

COLLEGE OF ENGINEERING AND ARCHITECTURE

JOHN M. M. ANDERSON, DEAN

COLLEGE OF ENGINEERING AND ARCHITECTURE

HOWARD UNIVERSITY

2366 6th Street, NW, Suite 100 Mackey Building

Howard University, Washington, DC 20059

Website: <https://cea.howard.edu/>

Social media: Facebook: <https://www.facebook.com/HowardU/> | X (formerly Twitter): [@HowardU](#)

COLLEGE/SCHOOL OVERVIEW

We receive support for scholarships, undergraduate research experiences, doctoral fellowship programs, senior design, jury design and studio presentations, as well as for infrastructure improvements, equipment, and software. We have a board of visitors, staff members who develop corporate partnerships, an annual career fair, and opportunities for students to engage in team projects with immersive learning experiences in which solutions to real-world problems are pursued.

JACKSON STATE UNIVERSITY

COLLEGE OF SCIENCE, ENGINEERING AND TECHNOLOGY

DR. WILBUR WALTERS, DEAN

COLLEGE OF SCIENCE, ENGINEERING & TECHNOLOGY

JACKSON STATE UNIVERSITY

1400 JR Lynch Street - JSU Box 18750

Jackson, MS 39217

Website: <http://www.jsu.edu/science>

Social media: Facebook: <https://www.facebook.com/JacksonStateU/> | X (formerly Twitter): [@JacksonStateU](#)

COLLEGE/SCHOOL OVERVIEW

The College of Science, Engineering, and Technology at Jackson State University is committed to implementing the university's mission and improving the quality of life for students, the community, and nation. It is comprised of nine academic departments. Among them are the departments of Civil and Environmental Engineering, and Electrical and Computer Engineering, which provide students with quality ABET-accredited undergraduate and graduate programs that incorporate the systems aspect of professional engineering practice. The college has been awarded 130 federally funded grants and contracts with awards of approximately \$20 million annually.

MORGAN STATE UNIVERSITY

CLARENCE M. MITCHELL, JR. SCHOOL OF ENGINEERING

OSCAR BARTON, JR., PH.D., PE, DEAN

CLARENCE M. MITCHELL, JR. SCHOOL OF ENGINEERING

MORGAN STATE UNIVERSITY

Website: <http://www.soe.morgan.edu>

Social media: Facebook: <https://www.facebook.com/morganstateu/> | X (formerly Twitter): [@MorganStateU](#)

COLLEGE/SCHOOL OVERVIEW

The Clarence M. Mitchell, Jr. School of Engineering (MSOE) has four departments supporting electrical, industrial, and transport systems. Nanomechatronics engineering, its most recent bachelor's degree program, will seek initial accreditation in 2024. MSOE ranks first in the State of Maryland for bachelor's degrees awarded in civil, electrical, and industrial engineering, third in Maryland for master's degrees awarded in electrical, and first in the State of Maryland for doctoral degrees awarded in engineering to African Americans. MSOE enrolls about 850 students who are inspired to dream by an outstanding faculty engaged in research. AI, data analytics, cyber-security, advanced materials, transportation, are a few such areas of interest.

NORFOLK STATE UNIVERSITY

COLLEGE OF SCIENCE, ENGINEERING & TECHNOLOGY

DR. MICHAEL KEEVE

DEAN, COLLEGE OF SCIENCE, ENGINEERING, AND TECHNOLOGY

NORFOLK STATE UNIVERSITY

700 PARK AVENUE, NORFOLK, VA 23504

Website: <http://www.nsu.edu/cset>

Social media: Facebook: <https://www.facebook.com/norfolkstateuniversity/> | X (formerly Twitter): [@Norfolkstate](#)

COLLEGE/SCHOOL OVERVIEW

The College of Science, Engineering, and Technology (CSET) has over 1,800 students and presently comprises over 30 percent of

the university's student enrollment. Undergraduate programs are ABET-accredited, and graduate programs are driven by innovative state-of-the-art research programs that prepare them for national defense, industrial, and academic careers. The college currently houses several research centers—the Center for Materials Research, the Information Assurance-Research, Education, and Development Institute, the Micro- and Nano-Technology Center, the Creative Gaming and Simulation Laboratory, and the Cyber Security Complex.

NORTH CAROLINA A&T STATE UNIVERSITY

COLLEGE OF ENGINEERING

STEPHANIE LUSTER-TEASLEY, PH.D.

INTERIM DEAN, COLLEGE OF ENGINEERING PROFESSOR, DEPARTMENT OF CIVIL, ARCHITECTURAL, AND ENVIRONMENTAL ENGINEERING

NORTH CAROLINA A&T STATE UNIVERSITY

Greensboro, NC 27411

Website: <http://www.ncat.edu/coe>

Social media: Facebook: <https://www.facebook.com/ncatsuaggies/> | X (formerly Twitter): @COENCAT

COLLEGE/SCHOOL OVERVIEW

N.C. A&T has ABET accreditations for all engineering and computer science degree programs. All programs adjust to the changes that we see in our current students and meet them where they are. The pandemic has shifted the academic preparation of some students due to the rapid shift to their high school preparation and socialization. We also have the challenge of AI tools such as ChatGPT that may impact how we teach and assess student performance. Online M.S. degrees are offered in Data Science & Engineering. Departments include Civil and Environmental Engineering, Bioengineering, Computational Data Science and Engineering, Electrical and Computer Engineering, Industrial Systems Engineering, and Mechanical Engineering.

PRAIRIE VIEW A&M UNIVERSITY

ROY G. PERRY COLLEGE OF ENGINEERING

DR. PAMELA HOLLAND OBIOMON

DEAN AND PROFESSOR ROY G. PERRY COLLEGE OF ENGINEERING

PRAIRIE VIEW A&M UNIVERSITY

P.O. Box 519, MS 2500

Prairie View, TX 77446

Website: <https://www.pvamu.edu/engineering/>

Social media: Facebook: <https://www.facebook.com/pvamu/> | X (formerly Twitter): @PVAMU

COLLEGE/SCHOOL OVERVIEW

The Roy G. Perry College of Engineering offers six ABET-accredited undergraduate programs, four master's degrees, and one Ph.D. degree. The college is a unique community of students, faculty, staff, and scholars dedicated to the advancement, sharing, and communication of knowledge in the fields of engineering and computer science. Housed in a six-building engineering complex on the Prairie View A&M main campus, the most highly focused component of the college is

student learning. Undergraduate and graduate programs are structured for discovery, applied learning, interpretation, and the communication of learning through shared interactive courses and laboratories designed to engage students and faculty alike. The college prepares students to become dedicated and productive members of society. The college receives about \$14 million in funded projects annually from governmental agencies and private sectors. The college enrolls more than 1,600 students; about 15 percent of them are graduate students.

SOUTHERN UNIVERSITY AND A&M COLLEGE

COLLEGE OF SCIENCES AND ENGINEERING

DR. LEALON MARTIN

DEAN, COLLEGE OF SCIENCE AND ENGINEERING

Southern University and A&M College

Baton Rouge, LA 70813-9969

Website: <http://www.subr.edu/cse>

Social media: Facebook: <https://www.facebook.com/southernuniversitybatonrouge/> | X (formerly Twitter): @SouthernU_BR

COLLEGE/SCHOOL OVERVIEW

The College of Sciences and Engineering degree program offers nine bachelor's degrees. It offers five master's degrees: engineering, computer science, biology, mathematics, and physics. It also offers doctoral degree programs in environmental toxicology and science and math education. The civil, electrical, and mechanical engineering programs are accredited by the Engineering Accreditation Commission (EAC) of ABET.

TENNESSEE STATE UNIVERSITY

COLLEGE OF ENGINEERING

LIN LI, PH.D., P.E., FELLOW OF ASCE

PROFESSOR OF CIVIL ENGINEERING & INTERIM DEAN

TENNESSEE STATE UNIVERSITY

3500 John A Merritt Boulevard

Nashville, TN 37209

Website: <https://www.tnstate.edu/engineering/dean.aspx>

Social media: Facebook: <https://www.facebook.com/Tennessee.State.University/> | X (formerly Twitter): @TSUedu

COLLEGE/SCHOOL OVERVIEW

The College of Engineering currently provides accredited B.S. degrees, and graduate degrees in strategic and emerging disciplines. The graduate programs are supported by advanced laboratories and research centers in fields such as cyber-physical and security systems, advanced materials, sensor and data fusion, control systems, bioinformatics, energy systems, and wireless communication. The college currently has funded grants with the Air Force Research Lab, Army Research Office, U.S. Navy, Department of Homeland Security, Department of Transportation, Boeing Company, and the NSF. The college enrolls about 900 students and produces about 75 graduates annually.

TEXAS SOUTHERN UNIVERSITY

COLLEGE OF SCIENCE, ENGINEERING AND TECHNOLOGY

WEI LI

ACTING DEAN, COLLEGE OF SCIENCE, ENGINEERING AND TECHNOLOGY

TEXAS SOUTHERN UNIVERSITY (TSU)

3100 Cleburne Street, Houston, TX, United States, Texas

Website: <https://engineering.tsu.edu/>

Social media: Facebook: <https://www.facebook.com/texasouthernuniversity/> | X (formerly Twitter): @TexasSouthern

COLLEGE/SCHOOL OVERVIEW

At the college, engineering is one of the academic departments. The Electrical and Computer Engineering program is accredited by ABET's Engineering Accreditation Commission (EAC) under the General Criteria and the Program Criteria for Electrical and Computer Engineering and Similarly Named Engineering Programs. The civil engineering program is also accredited by ABET's Engineering Accreditation Commission (EAC) under the General Criteria and the Program Criteria for Civil and Similarly Named Engineering Programs. The Electronics Engineering Technology program is accredited by ABET's Engineering Technology Accreditation Commission. There are two new state-of-the-art facilities available for faculty and students to participate in scholarly activities.

TUSKEGEE UNIVERSITY

COLLEGE OF ENGINEERING

DR. HESHMAT A. AGLAN, P.E.

DEAN AND PROFESSOR

TUSKEGEE UNIVERSITY COLLEGE OF ENGINEERING

200 Luther Foster Hall, Tuskegee, AL 36088

Website: <http://www.tuskegee.edu>

Social media: Facebook: <https://www.facebook.com/TuskegeeUniversity/> | X (formerly Twitter): @TuskegeeUniv

COLLEGE/SCHOOL OVERVIEW

The College of Engineering is programmed for excellence with the context of Booker T. Washington, the innovation of George Washington Carver and the mettle of the Tuskegee Airmen, armed with facilities, professional faculty and staff, and resources that support public/private funding as demonstrated by partners. Graduate programs explore new frontiers for solutions that support global issues. Accredited undergraduate programs have become a tradition for students to enter and complete post-secondary/graduate studies in engineering.

UNIVERSITY OF THE DISTRICT OF COLUMBIA

SCHOOL OF ENGINEERING AND APPLIED SCIENCES

DR. DEVDAS SHETTY

DEAN, SCHOOL OF ENGINEERING & APPLIED SCIENCES

UNIVERSITY OF THE DISTRICT OF COLUMBIA

4200 Connecticut Ave. NW, Washington, DC 20008

Website: <http://www.udc.edu/seas>

Social media: Facebook: <https://www.facebook.com/UDCedu1851/> | X (formerly Twitter): @udc_edu

COLLEGE/SCHOOL OVERVIEW

The School of Engineering and Applied Sciences (SEAS) offers nationally competitive and fully accredited professional programs at the baccalaureate and graduate levels including a new doctoral program. These programs enable immediate employment upon graduation or for continuation for advanced level studies. The school offers strong, ABET-accredited Bachelor degree programs in Civil, Electrical, Mechanical Engineering, and Computer Science. SEAS also offers a Bachelor degree program in Information Technology. We offer master's degree programs in Computer Science, Civil Engineering, Electrical and Mechanical Engineering, and Ph.D. in Computer Science and Engineering.

UNIVERSITY OF MARYLAND EASTERN SHORE

DEPARTMENT OF ENGINEERING AND AVIATION SERVICES

DR. DERREK B. DUNN, DEAN

SCHOOL OF BUSINESS AND TECHNOLOGY,

UNIVERSITY OF MARYLAND EASTERN SHORE

University of Maryland Eastern Shore

30925 College Backbone Road, Princess Anne, MD 21853

Website: <http://www.umes.edu/sbt/>

Social media: Facebook: <https://www.facebook.com/umesnews/> | X (formerly Twitter): @UMESNews

COLLEGE/SCHOOL OVERVIEW

The School of Business and Technology includes five academic departments: Business, Management and Accounting, Engineering and Aviation Sciences, Hospitality and Tourism Management, which includes the PGA Golf Management program, Mathematics and Computer Science, and Technology. The faculty members within the school are actively engaged in funded research and educational projects, many of which involve undergraduate and graduate students.

VIRGINIA STATE UNIVERSITY

COLLEGE OF ENGINEERING AND TECHNOLOGY

DR. DAWIT HAILE

DEAN, COLLEGE OF ENGINEERING AND TECHNOLOGY

VIRGINIA STATE UNIVERSITY

Petersburg, VA 23806

Website: <http://www.cet.vsu.edu>

Social media: Facebook: <https://www.facebook.com/VirginiaStateUniversity/> | X (formerly Twitter): @UMESNews

COLLEGE OF ENGINEERING AND TECHNOLOGY

The College of Engineering and Technology is focused on solving problems. It defines success as growth and discovery of fundamental knowledge and the movement of these ideas and results from the laboratory to the world. The goal is to transform communities by attracting and retaining key industries, enhancing economic development, and creating jobs. Its research helps companies improve their products and services for items as diverse as jet engines, copiers, and cutting tools. The college aligns resources and capabilities to the workforce needs of local, regional, and national economies.

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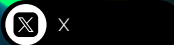
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