

WORKSHOP PRESENTER INFORMATION

An important of your participation in the CCG Pre-College program is making connections that will help you navigate the path to your career goals. While you are here, you will have the opportunity to learn from STEM professionals ranging from educators to men and women at various levels in their STEM careers. This document is for you to learn more about them, and to reach out to them if you need to do so.

You are now part of a trusted community consisting of stakeholders who are committed to helping you in your pursuit of a STEM career. Here are the workshop leaders who presented today. We invite you to reach out to them with questions about their workshops, academic, or career related questions.

Pre-College Session: Candy Crush Competition Workshop

Presenter: Sheronda Nash
Lockheed Martin Corporation
Contact Info: sheronda.nash@lmco.com

Sheronda works as a Project Engineer with Lockheed Martin Aeronautics. Her previous roles included being the Small Business Program Manager for Integrated Warfare Systems and Services with Lockheed Rotary Mission Systems where her support earned her Deputy Technical Director for ballistic missile defense program, and an Integration and Test Engineer for several sea-based programs. Her hobbies include working out, sports, dancing, classical piano, and traveling, especially internationally.

Pre-College Session: Financial Aid 101: How to Afford College and Achieve Your Dreams

Presenter: Kathy Y. Mosley
The University of the District of Columbia
Contact Info: kmosley@udc.edu

Ms. Mosley is employed at the University of the District of Columbia in the Division of Enrollment Services, Office of Financial Aid at the Community College. Much of her leisure time is committed to the support of her alma mater, Tougaloo College to fundraise for scholarship dollars thru her participation as President of the Washington Area Tougaloo Alumni Chapter in Washington DC.

Pre-College Session: Getting Accepted: Mastering the College Admission Process

Presenter: Omar Harrod
The University of the District of Columbia
Contact Info: Omar.harrod@udc.edu

Mr. Harrod has been employed with the University of the District of Columbia, in the Office of Undergraduate Recruitment and Admission for nearly 4 years and currently provides support to those who are First Time in College, Re-admit and Non-Degree students. When Mr. Harrod is not working with students, parents and counselors, he enjoys playing drums, traveling, cooking, spending time with friends and family.

Presenter: Andrea Linthicum
The University of the District of Columbia
Contact Info: alinthicum@udc.edu

She has been employed with the University of the District of Columbia, in the Office of Recruitment and Admission for nearly ten years, and currently provides support to those who are First Time in College and Re-admit students. When Ms. Linthicum is not working with students, she enjoys spectator sports, cooking, baking and traveling.

Pre-College Session: Hands on Engineering in the 21st Century (MD MESA/ Southwest Academy Magnet School)

Presenter: Claudia M. Johnson
Baltimore County Public Schools
Contact Info: johnsoncrw@aol.com

Mrs. Claudia M. Johnson, is a Business Computer Applications educator with Baltimore County Public Schools in Woodlawn, Maryland. She received her B.S. in Social Science from Coppin State University, M.S. in Educational Leadership and

Administration, from the College of Notre Dame of Maryland and a Graduate Certificates in Leadership in Technology Integration from Johns Hopkins University. Mrs. Johnson, is in her 23-year teaching career, which she has served as Reading Department Chair, with Baltimore County.

Presenter: Linda McClelland
Baltimore County Public Schools
Contact Info: lmcclelland19@gmail.com

Since retiring in July, 2014, Ms. McClelland is a STEM Program Planning Consultant for Building Engineering and Science Talent (BEST), a DoD DTEM Initiative for schools. She continues to work with eight colleagues on behalf of the non-profit, You Make A Difference STEMMA Corporation established in 2013, to provide educational, mentoring and youth development programs geared toward female and male students from groups traditionally underrepresented in engineering and science in grades 3-8. These experiences are provided to motivate and inspire students to pursue careers related to science, technology, engineering, mathematics, music and the arts.

Presenter: Valerie Hawkins
Baltimore County Public Schools
Contact Info: vhawkins@bcps.org

Mrs. Hawkins has been teaching for over 24 years. She has taught both elementary and middle school in the Prince George and Baltimore County school systems. Mrs. Hawkins has a passion for teaching STEM curriculum. She works with students after school, on the weekend and during the summer to expose them to fun and engaging hands on STEM activities such as robotics, 3D printing, forensics, drones, computer programming and sailing.

Presently, Mrs. Hawkins teaches Business and Computer Application at a middle school in Baltimore County.

Pre-College Session: Lego Airplane Mass Production Workshop

Presenter: Lynnette Drake
Lockheed Martin Corporation
Contact Info: Lynnette.drake@lmco.com

Lynnette Drake is a Project Lead in the Corporate Energy, Environment, Safety and Health (ESH) organization for Lockheed Martin Corporation. Lynnette manages enterprise remediation

projects for a total annual budget of \$22M and develops long-range remedial solutions to reduce risk and protect the company assets. She is also responsible for technical and managerial aspects of the projects, including strategic planning, development of scopes of work, procurement of contractors, compliance to applicable regulations, and interactions and negotiations with regulatory personnel.

Pre-College Session: Make your Boat Stay Afloat: A Raft Building Challenge

Presenter: Donnell Jordan
Lockheed Martin Corporation
Contact Info: donnell.jordan@lmco.com

Mr. Donnell Jordan has worked at Lockheed Martin for almost 16 years and is currently a Systems Engineering Manager and Technical Lead for the Littoral Combat Ship Program based in Baltimore, MD and Washington, DC. Mr. Jordan also serves on the LM African American Council for Excellence (AAACE) Mid-Atlantic Northeast Region leadership team. He holds a B.S. in Electrical Engineering from Hampton University and has completed graduate studies in Systems Engineering at Johns Hopkins University.

Pre-College Session: Math Moves U

Charlie Dean
Raytheon Company
Contact Info: Charlie.dean@raytheon.com

Charlie Dean is a graduate of Southern University with a degree in Electrical Engineering. For the past 10 years, he's worked multiple EO/IR and Radar programs as a Systems Engineer at The Raytheon Company. His love for STEM education landed him the 2016 Black Engineer of the Year Community Service award where he was recognized for his countless hours of STEM work in the community. Charlie is also a board member of the Kimball High School (Dallas, TX) Academy of Engineering, 1st Vice-President of the Southern University Alumni- Dallas Chapter and a member of the Alpha Phi Alpha Fraternity, Incorporated.

**Pre-College Session: Pathfinder: Virtual Space Edition
(The Boeing Company)**

Presenter: Kevin Mixon
Boeing Research and Technology, Global Technology
Contact Info: kevin.m.mixon@boeing.com

Kevin Mixon is the Program Manager for the India Offset Technology Transfer projects. In this role, Kevin is responsible for leading the development of technology based offset projects and providing technical and management leadership in support of Boeing's Defense, Space and Security (BDS) growing international campaign to satisfy BDS offset obligations for India valued at \$500M+ in offset credit.

Kevin is also the Boeing K-12 STEM Chair at the Black Engineer of the Year Award (BEYA) conference responsible for providing engaging and educational STEM workshops to area elementary and high school students. Kevin currently presides over the National Society of Black Engineers (NSBE) Aerospace Alumni Chapter in St. Louis, Missouri from 2012 to present.

Presenter: George A. Parker, Ph.D.
The Boeing Company
Contact Info: george.a.parker@boeing.com

George is a Boeing technical fellow (TF) and he serves as a technical lead Engineer (TLE), Boeing designated expert (BDE) for the NW Analytical Chemistry/ Thermal Analysis/ Failure Analysis/ Surface Characterization group where he leads and interfaces with 30 engineers/ scientists and technical technicians in support of solving production material problems, research of new materials, failure analysis, program support and investigative analysis. In addition, he has written and developed the Boeing Edmonds Community College (EdCC educational experiential learning exposure internship program (EELEIP), which has been very successful pipeline in replacing the maturing technical technician workforce at Boeing and is recognized and has been presented at the national academy of science engineering (NASE).

Pre-College Session: Putting a Spin on STEM: The Importance of Soft Skills (Huntington Ingalls Industries)

Presenter: Shauntel Foster
Huntington Ingalls Industries

Shauntel Foster has been a part of the Career Pathways team at Huntington Ingalls Industries' Newport News Shipbuilding division for 5 years. As a member of the Career Pathways team, Shauntel likes to teach local students about STEM and workplace readiness skills (i.e. teamwork, critical thinking) as they relate to real careers. She has a Bachelor of Science degree in Business Management from Hampton University.

Presenter: Gary Artybridge
Huntington Ingalls Industries

Gary Artybridge is the Manager of Career Pathways at Huntington Ingalls Industries' Newport News Shipbuilding (NNS) division. While at NNS, he has served as a Nuclear Engineer to support refueling of U.S. aircraft carriers and a Training Instructor for Nuclear Engineers. Gary earned a bachelor's degree in Mechanical Engineering from Virginia Commonwealth University (VCU) and a master's degree in Engineering Management from George Washington University.

Presenter: Pierrette Swan
Huntington Ingalls Industries

Pierrette Swan has worked for Huntington Ingalls Industries' Newport News Shipbuilding (NNS) division for the past 7 years. Before coming to NNS, she earned a bachelor's Degree in Fine Art from Virginia Wesleyan College. Pierrette began her career at NNS as a welder in The Apprentice School. Since that time, she graduated The Apprentice School with highest honors and an associate's degree in Business Administration. In 2016 she was honored as a Top Gun X-ray Pipe Welder, before transitioning into her current role as a Community Relations Representative. In 2017 Pierrette was awarded the Women In Manufacturing Emerging Leader Award by the Manufacturing Institute. She currently works with students on behalf of NNS, doing hands on activities as well as discussing career readiness skills in order to prepare each student for success.

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GETTING THE MOST FROM CAREER FAIRS

Preparing for college is the next step in preparing for your future and career fairs are a great way for high school students to meet with representatives from various colleges and universities as well as companies. You can connect with representatives to help you further your understanding of the admissions process and career options. Here are some tips for career fairs as you begin the college search.

- 1. Review the list of colleges and universities exhibiting.** Circle the names of 3-5 schools listed in the Conference Program that you want to learn about. Visit those representatives first. If you have extra time, find and talk with 3 schools you've never heard of. Focus on schools that are more than two hours from home. Colleges and universities that are closer can be visited in person. The point of the career fair is to gather information about which program offers you the most for your career path.
- 2. Ask specific thoughtful questions.** To stand out, ask two or three specific curriculum questions and stay away from vague questions such as "how good is the STEM major?" Good questions include: "What is the personality of this college as you've experienced it? What kind of student is happy here? What are some of the best features of the school? What does the program offer?"
- 3. Get your bearings.** When you arrive, take a few minutes to review the Career Fair Floor map and directory, in the Conference Program. You may feel more comfortable if you quickly locate and walk by the schools in which you are most interested. This will confirm their location and alert you to any crowds or lines of other students waiting.
- 4. Sign in.** Signing in lets the college know that you attended an event and were interested to stop by. Use legible handwriting, the same spelling of your name that you use on the college application, and the same email address you plan to use for all college admissions correspondence.
- 5. Act like a professional.** During the encounter, you want to be professional, engaging, positive and enthusiastic. Smile. Look the representative in the eye. Introduce yourself. Avoid giving yes or no answers. Ask for business cards or the name of each admissions representative you meet.
- 6. Stay engaged.** Make contact with schools that spark your interest. Remember to ask questions that are related to your college search process or that pertain to your STEM major interests and career path. If you are attending a college fair with your parents, use this as an opportunity to drive your own college search process. While it is acceptable and even expected for parents to ask questions, introduce yourself and always try to ask the first question.

POST CAREER FAIR

- 1. Stay organized.** After the fair make a folder for each school that you are interested in. On the folder write down the date and location of the college fair, and the names and contact info of the representatives you met. Put any brochures or other printed materials you received into the folder. Toss out materials from colleges you've ruled out so you can focus on those that interests you.
- 2. Do more research.** Explore college websites, contact the admission office and/or plan a campus visit. If you're enthusiastic about the college, it may be time to visit in person. Make a list of questions about the program advantages, requirements, offerings, etc.
- 3. Follow up.** If you have an alumni interview or more questions for the admissions office, mention that you attended the college fair and remind them of an interest point from your conversation.