



COURAGEOUS CONVERSATIONS CATALYZING CHANGE

Black Barrier Breakers in STEM: *Creating a Capable, Diverse Talent Pipeline*

TUESDAY, FEBRUARY 23, 2021 • 1:00 PST, 2:00 MST, 3:00 CST, 4:00 EST

PANEL LEADER



Dr. Reagan Flowers

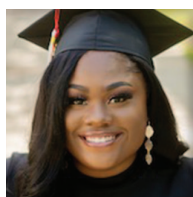
*Trustee, Houston Community College System
CEO, C-STEM Teacher and Student Support Services*
A First-Gen to College, Dr. Flowers began her career as an educator at Jack Yates High, in Houston. A grant from NASA jumpstarted C-STEM by enabling her students to

build a robot, which allowed Yates to create its first robotics team. The mission of C-STEM is to help students master science, technology, engineering, and mathematics by embracing communication and engaging in interactive projects that stimulate curiosity and help foster interest towards entering these fields.



Dr. Steve Efe

Asst. Professor of Engineering, Morgan State University
Dr. Efe is passionate about teaching and about quality and process improvement. He teaches the skills required to meet the nation's infrastructure needs through quality design, research, and practice. Steve is a structural engineer and applied researcher who has conducted research in bridge and earthquake engineering using state-of-the-art software. He has also focused on transportation infrastructure projects such as high performance green bridges and durability assessment of prefabricated bridge elements and systems.



Zania Bell

MBA candidate, Cyber Security, Univ. of West Alabama

Zania Bell is a recent first generation college graduate from the University of West Alabama with a BBA in Computer Information Systems. While pursuing her degree served as President of the Minority Business

Student Association and President of Enactus. She was also an active member of Alpha Phi Omega National Service Fraternity and Student Support Services. Currently, Zania is pursuing a Master of Business Administration in Cyber Security, Cyber Crime, and Policy from the University of West Alabama.



Danny Moore

President & Founder, DeNOVO Solutions

Danny has over 34 years of operational and business experience in Defense, Intelligence, Surveillance, and Reconnaissance arenas. Mr. Moore is a 24-year Navy Veteran who retired after completing his final tour as

the Senior Enlisted Advisor at the Aerospace Data Facility, Aurora Colorado. After retirement, he continued to support the Intelligence community as a contractor performing Program Management, Business Development and System Engineering functions while employed with a large defense company.



Dr. Kamal Ali

*Professor of Electrical and Computer Engineering,
Jackson State University*

Prior to Jackson State, Dr. Ali was a professor at the University of Southern Mississippi for 20 years. He served as Chief Technical Advisor for the UN and as founding

Director of the Computer Engineering Track at the United Arab Emirates University. He has consulted for the Department of Defense and the Department of Energy. Dr. Ali's research focuses on Unmanned Systems and Machine intelligence. As of late, he has focused more on issues with the STEM education pipeline in the US.



Steven Butler

CEO, BC Development

At BC, Steven researches new technologies for development, where he explores zero emission energy sources. His philosophy in solving engineering problems is to find the right fit, finding win-win solutions for all living things.

Steven focuses on solutions to the depletion of natural resources, climate change, and hazardous materials in the environment. He holds a BS in Chemical Engineering, an MS in Civil/Environmental Engineering, and is a McKnight fellow (a program designed to create more African-American professors in science and engineering).

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