

# CAMEE TABLE TALK

WITH DR. TOMEKA WILSON  
& DR. SHANI NEWTON



NOVEMBER 6, 2020 @ 1PM

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## "ENROLLING AND RETAINING UNDERREPRESENTED MINORITY POPULATIONS IN STEM"

### ABSTRACT:

Although there has been extensive research on STEM and underrepresented populations, including studies related to underrepresented minorities' (URM) barriers to STEM and practices to increase the visibility of URMs in STEM, additional research and data reveal the impact of social and cultural barriers that contribute to explicit racial and gender gaps in STEM fields.

Understanding the history of the development of barriers and education for minorities is an integral part of understanding key factors such as the attitudes, perceptions, and priorities of underrepresented minorities in the present time. Therefore, this presentation will cover (A) the impact of race, gender, and education on STEM; (B) the impact of belief systems on STEM career aspirations; and (C) strategies to mitigate the barriers.

### PRESENTERS

**Dr. Tomeka C. Wilson**, an Academic Program Director at St. Philip's College with the Alamo College District, oversees and ensures the compliance of grant awards, including federal awards that aim to strengthen Historically Black Universities and Colleges (HBCUs) and increase the success of underrepresented populations. Dr. Wilson has more than 15 years of higher education experience. She received her BS in Computer and Information Technology from Mississippi Valley State University, MS in Human Development and Resource Management from Alabama A&M University, and her doctorate of education in Community College Leadership from Ferris State University.

Dr. Wilson serves on the NASA MIRO CAMEE Core Management Team and is also a part of several Community and Leadership Organizations, including a member of Delta Sigma Theta Sorority, Inc. Dr. Wilson's favorite pastime is family time and community service.

**Dr. Shani Newton** is a Success Coach at Clark State Community College-Greene Center in Beavercreek, Ohio. She also serves as Co-Chair for the Strategic Planning and Resource Council (SPARC). Currently, she assists with the administration of the Men of Clark State, a group focused on the academic progress, retention, and success of the college's African American male population. Shani received her Bachelor of Arts degree from the University of Arkansas at Pine Bluff and her Masters of Education degree from the University of Arkansas at Little Rock. She is a recent graduate of the Doctorate of Education program at Ferris State University.

Dr. Newton is a proud Arkansas native. She currently lives in Dayton, Ohio with her husband, Dr. Benjamin Newton and her children, Bennett Earl and Beatrix Dorothy.

