Speaker Bio

Tonisha B. Lane, PhD
Assistant Professor of Higher Education, School of Education, Virginia Tech

Tonisha B. Lane, Ph.D. is an assistant professor of higher education in the School of Education at Virginia Tech. Dr. Lane studies the experiences and outcomes of underrepresented groups in science, technology, engineering, and mathematics (STEM).

Her research also focuses on the participation and achievements of Black students and professionals in higher education. She is a PI of the Spencer Foundation grant investigating the science identity development of remote, undergraduate, low-income and student of color researchers in STEM amid COVID-19. Additionally, she is a co-PI on several NSF-funded research projects including Bulls-Engineering Youth Experience for Promoting Relationships, Identity Development, & Empowerment (Bulls-EYE PRIDE), The AGEP Florida Alliance Model: Improving Minority Women Success in STEM Faculty Careers, and Graduate Student Scholarships to Advance Community Engaged Solutions to the Grand Challenge of Managing Nitrogen, totaling nearly $4 million in external grant funding.

She has been the recipient of several honors including ACPA Emerging Scholar (class of 2018), McKnight Fellow, and a National Center for Institutional Diversity (NCID) Emerging Diversity Scholar. Dr. Lane’s work can be found in published texts Women of Color and STEM: Navigating the double bind in higher education, Multicultural Education in the 21st Century: Innovative Research and Practices, and Intersectionality and Higher Education: Identity and Inequality on College Campuses. Additionally, her articles appear in CBE-Life Sciences Education, Journal of Equity and Excellence in Education, and Urban Education.