



2024 ECMC Foundation Fellow Postsecondary CTE Research @ Old Dominion University

Sponsored by ECMC Foundation



OLD DOMINION
UNIVERSITY

ECMC
Foundation

Jason K. Segrest

Postsecondary Career and Technical Education Research
Dissertation Research Fellow

Bio. Jason K. Segrest is a third-year doctoral student in Workforce Development and Education at The Ohio State University College of Education and Human Ecology. With over 20 years of experience in talent acquisition and development across various industries, including roles in postsecondary education, he offers a unique perspective on STEM education. During his doctoral studies, Jason developed a strong interest in STEM widening participation efforts, particularly STEM intervention programs within two-year postsecondary institutions. His research focuses on the STEM identity development of historically marginalized Black students enrolled in two-year applied STEM postsecondary degree programs and who have participated in a Louis Stokes Alliance for Minority Participation (LSAMP) program. While acknowledging the academic and student support provided by LSAMP for applied STEM fields, Jason believes there is an opportunity to explore further how these students perceive themselves as capable STEM persons despite the programmatic efforts offered through this STEM intervention.

Project. This research examines the construct of STEM identity development among historically marginalized Black postsecondary students in a two-year applied STEM degree program, focusing on participants in a Louis Stokes Alliance for Minority Participation (LSAMP) program. Using a qualitative embedded case study approach, it explores how Black students construct their STEM identities and how the programmatic support of LSAMP contributes to this development. The findings aim to provide insights for education and industry leaders to enhance Black students' participation in STEM and support their identity development.



Research Sponsor: Edward C. Fletcher, Jr., Ph.D.
Education and Human Ecology Distinguished Professor
The Ohio State University

The Program

Fellows will be part of a community that participates in two national research training institutes, research methods webinars, works with CTE research mentors, and conducts postsecondary CTE research.

Applications for the 25-26 Postsecondary CTE Research Fellows will be available 1/15/25 and due 4/1/15/25.

<http://ctereseearchfellows.com>

"We have designed this CTE Fellows program to provide scholars with the unique opportunity to be part of a community and a formal curriculum to develop their research skills while working toward improving the field of CTE."

— James Bartlett II, Ph.D.

For more information contact:



James E. Bartlett II, Ph.D.
jbartlet@odu.edu
Twitter @drjamesbartlett
919-208-1697



Michelle E. Bartlett, Ph.D.
mbartlet@odu.edu
Twitter @drmbartlett
919-208-1700