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Belk Center
for Community College
Leadership and Research

ECMC
Foundation

2020 Postsecondary Career and Technical Education Research Fellow

Sponsored by the ECMC Foundation

Jonathan Lee Montoya

Doctoral Research Fellow, University of California Irvine

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Bio. Jonathan Montoya is a first year doctoral student working with Dr. Mark Warschauer. Jonathan is curious about how traditionally marginalized students, and educators use language in both STEM and CTE pathways. Jonathan is also interested in how these pathways foster equitable routes to both college and career. Jonathan is a practitioner at heart. He holds secondary teaching credentials in Biological Sciences, Geosciences, and Career Technical Education. He has also taught Virtual Design and Construction at Community College. Jonathan received his M.A. in STEEM education from Santa Clara University, where he was an NSF Robert Noyce Teacher Scholar working with Dr. Sara Soledad Garcia. He received his B.S. in Environmental Sciences with an emphasis in Ethics at Humboldt State University. As an undergrad he also traveled abroad to study Botany, and Environmental Education in Argentina and Chile. In 2018 Jonathan became the first high school teacher to complete the Virtual Design and Construction Certificate program at The Center for Integrated Facilities Engineering at Stanford University. Most recently he completed his A.A. in Spanish at Mission Community College.

Project. This study strives to uncover to what degree post-secondary Career Technical Education institutions fulfill their mission and increase employment and social mobility. Three sub-questions provide deeper insights: 1. What measurable features provide an adequate measure of social mobility effectiveness. 2. What is the value of community college construction programs from the perspectives of senior college administrators, apprenticeship education coordinators, administrators, and employers. 3. What is the value of community college construction programs from the academy perspectives.



Research Sponsor: Mark Warschauer Ph.D.
Professor of Education and Informatics
School of Education
University of California Irvine

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.

"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.

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