



2019 ECMC Foundation Fellow

Postsecondary CTE Research

Bridging the Gaps in Postsecondary Career and Technical Education Research

Sponsored by ECMC Foundation

Lisa M. Martino, Ph.D.
Postsecondary Career and Technical Education Research
Postdoctoral Research Fellow



Belk Center
 for Community College
 Leadership and Research

Bio. Dr. Martino currently works as the Career and Technical Education Degree Program Lecturer in the Educational Leadership and Higher Education Department of the College of Community Innovation and Education at the University of Central Florida. She began her academic career as a CTE teacher. She then went on to complete all her degrees in CTE: Technical Education and Industry Training B.S. degree; Career and Technical Education M.A. degree; and Curriculum and Instruction/Career and Workforce Education Ph.D. degree. Dr. Martino developed a strong aptitude for CTE curriculum and instruction that aligned well with CTE teacher education and training. She served as a CTE adjunct instructor at UCF and a faculty development instructor at Embry-Riddle Aeronautical University-Worldwide. Her dissertation is titled The Sustainability of Career and Technical Education Teacher Preparation Programs in Florida. Dr. Martino’s scholarly work includes conference presentations/papers in CTE teacher preparation programs and teacher pedagogical training. Most recently, Dr. Martino co-presented a paper at the 2018 ECER Conference in Bolzano, Italy on a comparison study between Finland’s VET system and CTE in the United States. Dr. Martino’s research interests focus on CTE to include: teacher preparation program and training; teacher effectiveness, comparative studies, and diversity and inclusion.

Project. To date, there is little research on postsecondary non-degreed CTE teacher preparation. The purpose of this study is to examine the relationship between CTE teacher education and student achievement in Florida’s postsecondary public institutions with career certificate programs. A causal relationship, quasi-experimental, cross-sectional research design will be implemented to examine the effects postsecondary CTE teacher preparation has on student learning, program completion, and employment outcomes.



Research Sponsor: RoSusan D. Barteo, Ph.D.
Department Chair and Professor
Educational Leadership and Higher Education
College of Community Innovation and Education, University of Central Florida

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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