



2022-23

# Postsecondary Career and Technical Education Research Fellow

**Andrew R. Diemer**

Doctoral Research Fellow, Saint Louis University

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Belk Center  
for Community College  
Leadership and Research

Bio. Andrew R. Diemer is a Ph. D. student in Education Policy and Equity at Saint Louis University. His research focuses on developing understanding of the academic and labor market impact of Career and Technical Education (CTE) and exploring how CTE might expand workforce opportunities. Andrew’s work uses applied statistics and causal inference to evaluate the impact of policy and program interventions. His past and current work include measuring the effects of the pandemic on student experiences and district changes, expanding college access, and evaluating STEM education. Equity is central to his research agenda, and he takes special interest in understanding outcomes for students navigating poverty, from historically marginalized backgrounds, and rural areas. Before his doctoral studies, Andrew was selected for the third cohort of teachers in the Billiken Teacher Corps (BTC), where he earned a Master of Arts in Teaching. During his time in the BTC, he taught middle school history and math in an urban Catholic school in St. Louis.

Project. Postsecondary CTE is often an accessible and affordable option for students seeking workforce-relevant training. With proper implementation and alignment, postsecondary CTE may promote new opportunities for students and drive a supply of workers in high-need occupational sectors. Andrew will evaluate the educational and labor market outcomes resultant from postsecondary CTE participation in Missouri using a novel data set that links students from high school to postsecondary education and the workforce. This study will provide evidence to inform policymakers and programs on how to meet the demands of the labor market and the diverse needs of their students.



Research Sponsor:  
Evan Rhinesmith, Ph.D.  
Director, Policy Research in Missouri Education (PRiME) Center  
Saint Louis University

## The Program

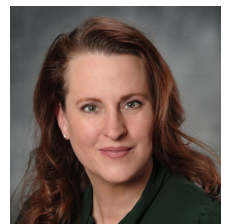
Fellows will be part of a community that participates in two national research training institutes, research methods webinars, works with CTE research mentors, and conducts postsecondary CTE research.

“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.,  
Principal Investigator

## For more information contact:



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<http://go.ncsu.edu/ctefellows>