



# 2019 ECMC Foundation Fellow Postsecondary CTE Research Bridging the Gaps in Postsecondary Career and Technical Education Research

Sponsored by ECMC Foundation

**Maggie P. Fay**  
Postsecondary Career and Technical Education Research  
Dissertation Research Fellow



Belk Center  
for Community College  
Leadership and Research

**Bio.** Maggie P. Fay is a Ph.D. candidate in the sociology program at The City University of New York (CUNY) Graduate Center. Her dissertation, titled Learning to Fail?: Student experiences in developmental mathematics in community colleges, takes a mixed methods approach to exploring the effects of developmental (also called remedial) mathematics on student postsecondary trajectories. Fay is also a Research Associate at the Community College Research Center at Teachers College, Columbia University where she has contributed to many projects on reforms to developmental education, the high school to college transition, and Guided Pathways reforms in community colleges. Fay’s research interests include qualitative and mixed methods research, the female advantage in postsecondary education, and equity and diversity in higher education. As a Ph.D. student, Fay has received several grants to support her research including a research fellowship from the Graduate NYC organization to qualitatively explore reforms to developmental math courses in CUNY community colleges, and a research grant from the Murphy Institute for Labor Studies supporting early data collection for her dissertation.

**Project.** Referral to remedial coursework in community college is a significant barrier to degree attainment, which disproportionately affects older, low-income, first generation in college and Black and Latina/o students. This mixed methods study seeks to improve understanding of how math remediation affects academic trajectories by exploring student experience in these courses, the relationship between gender and course performance, and the motivations and outcomes of students who fail but repeat remedial math courses to make academic progress.



**Research Sponsor: Dr. Paul Attewell**  
Distinguished Professor of Sociology  
The City University of New York Graduate Center

## 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 2020 Postsecondary CTE Research Fellows will be available July 1st, 2019 and due December 1st, 2019.

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

“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:



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