

# 2020 Training Institute on Causal Research in CTE Information and Agenda

## ***Pretraining reading***

Please complete the three attached readings before the training.

1. A Brief History of CTE
2. NACTE final report Results in Brief
3. Dougherty & Lombardi (2016). From Vocational Education to Career Readiness: The Ongoing Work of Linking Education and the Labor Market

## ***CTE Research Network Training Hosts***

Kathy Hughes, Ph.D.      Director/Principal Investigator, CTE Research Network; American Institutes for Research  
Jill Walston, Ph.D.      Training Lead, CTE Research Network; Principal Researcher, American Institutes for Research

## ***Instructors***

Scott Davis, Ph.D.      Principal Economic Researcher, American Institutes for Research  
Shaun Dougherty, Ed.D.      Co-Principal Investigator, CTE Research Network; Vanderbilt University  
Trey Miller, Ph.D.      Research Co-Lead, CTE Research Network; Principal Researcher, American Institutes for Research

## ***Guest Presenters***

Corinne Alfeld, Ph.D.      IES Education Research Analyst, Policy and Systems Division, NCER, U.S. Department of Education  
Cliff Chuang, Ph.D.      Senior Associate Commissioner for Educational Options, Massachusetts Department of Elementary and Secondary Education  
Stephen DeWitt      Deputy Executive Director, Association for Career and Technical Education  
James Kemple, Ph.D.      Executive Director of the Research Alliance for NYC Schools; Research Professor of Teaching and Learning, NYU  
Stephen Ross, Ph.D.      Professor, Economics Department, University of Connecticut

Monday August 17, 2020

Time (EST)	Session	Presenter
8:50-9:00 a.m.	Log on to Zoom meeting	Jill Walston
9:00-9:30 a.m.	Welcome and introductions	Kathy Hughes
9:30-11:00 a.m.	Presentation: Introduction to CTE policies and theories	Shaun Dougherty
	Reading 4. Ross, Brunner & Rosen (2020) Understanding the Counterfactual for Program Evaluation of Career and Technical Education	
2:30-3:15 p.m.	Presentation: Introduction to causal research	Trey Miller
3:15-4:00 p.m.	Presentation: CTE counterfactuals	Stephen Ross
4:00-4:10 p.m.	Break	
4:10-4:20 p.m.	Association for Career & Technical Education (ACTE) overview	Steve DeWitt
4:20-4:50 p.m.	Breakout rooms: Small groups virtual meet and greet	
4:50-5:00 p.m.	Wrap up	Kathy Hughes
	Reading 5. What Works in Career and Technical Education: Evidence Underlying Programs and Policies that Work	

Tuesday, August 18, 2020

Time (EST)	Session	Presenter
9:00-10:30 a.m.	Presentation: Overview of CTE research	Shaun Dougherty
10:30-10:45 a.m.	Instructions for reading assignment and small group activity	Jill Walston
	Reading 6. Kemple (2008) Career Academies: Long-term impacts on labor market outcomes, educational attainment, and transitions to Adulthood	
1:15-1:45 p.m.	Meet in small groups to complete activity	
1:45-2:00 p.m.	Break	
2:00-3:00 p.m.	Presentation: Randomized control trials	Trey Miller
3:00-4:00 p.m.	Presentation: Career Academies and other work	James Kemple
4:00-4:15 p.m.	Wrap-up	Kathy Hughes
	Reading 7. Dougherty, S. M. (2018). The effect of career and technical education on human capital accumulation: Causal evidence from Massachusetts.	

Wednesday, August 19, 2020

Time (EST)	Session	Presenter
9:00-10:30 a.m.	Presentation: Regression discontinuity designs	Scott Davis
	Data analysis assignment: RDD activity guide Small group work	
2:30-3:30 p.m.	RDD Office hours <ul style="list-style-type: none"> <li>group 1: Scott Davis</li> <li>group 2: Shaun Dougherty</li> <li>group 3: Trey Miller</li> </ul>	
3:30-4:30 p.m.	RDD Office hours <ul style="list-style-type: none"> <li>group 4: Scott Davis</li> <li>group 5: Shaun Dougherty</li> <li>group 6: Trey Miller</li> </ul>	
4:30-5:00 pm	Wrap up and RDD analysis Q & A	Scott Davis Shaun Dougherty
	Reading 8. Hallberg et al. (2018). Short Comparative Interrupted Time Series	

Thursday, August 20, 2020

Time (EST)	Session	Presenter
9:00-10:30 a.m.	Presentation: Comparative interrupted time series designs	Scott Davis
	Data analysis assignment: CITS activity guide Small group work	
2:30-3:30 p.m.	CITS Office hours <ul style="list-style-type: none"> <li>group 1: Scott Davis</li> <li>group 2: Shaun Dougherty</li> <li>group 3: Trey Miller</li> </ul>	
3:30-4:30 p.m.	CITS Office hours <ul style="list-style-type: none"> <li>group 4: Scott Davis</li> <li>group 5: Shaun Dougherty</li> <li>group 6: Trey Miller</li> </ul>	
4:30-5:00 pm	Wrap up and CITS analysis Q & A	Scott Davis Trey Miller
	Reading <ol style="list-style-type: none"> <li>Roadmap for Effective Data Use and Research Partnerships between State Education Agencies and Education Researchers</li> <li><a href="https://ies.ed.gov/blogs/research/post/how-to-seek-funding-to-support-cte-research-partnerships">https://ies.ed.gov/blogs/research/post/how-to-seek-funding-to-support-cte-research-partnerships</a></li> </ol>	

Friday, August 21, 2020

Time (EST)	Session	Presenter
9:00-10:00 a.m.	Presentation: State research partnerships	Cliff Chuang
10:00-11:00 a.m.	Presentation: CTE project funding opportunities	Corinne Alfeld
11:00-11:30 a.m.	Wrap-up	Kathy Hughes