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Education

Ph.D. Public Policy, Harvard University	2020
B.A. Mathematical Methods in the Social Sciences, Northwestern University	2013

Professional Experience

Economist, RAND Corporation	2023-
Professor, Pardee RAND Graduate School	2021-
Associate Economist, RAND Corporation	2022-2023
Associate Policy Researcher, RAND Corporation	2020-2022

Working Papers

“Measuring and Summarizing the Dimensionality of Teacher Effectiveness” with Isaac Oppen. Revise and Resubmit at the *American Economic Journal: Economic Policy*.

“Dual Methods for Dual Enrollment” with Isaac M. Oppen, Fatih Unlu, Brian Phillips, and Julie Edmunds. Revise and Resubmit at *Education Finance and Policy*.

“Expanding School Counseling: The Impacts of California Funding Changes” with Daniel Sparks.

“Implementation and Impacts of Career Focused Advising” with Brian Phillips, Bryan Hutchins, and Julie Edmunds.

Journal Publications

“Spillover Effects of Specialized High Schools” with Shelby McNeil, Fatih Unlu, Brian Phillips, Julie Edmunds, and Eric Grebing. *Journal of Public Economics* (2024). 238:105170.

“Beyond Teachers: Estimating Individual School Counselors' Effects on Educational Attainment.” *American Economic Review*, 113(11): 2846-93, 2023.

“CTE-focused Dual Enrollment: Participation and Outcomes” with Julie Edmunds, Fatih Unlu, Brian Phillips and Bryan Hutchins. Forthcoming at *Education Finance and Policy*.

“O Brother, Where Start Thou? Sibling Spillovers in College and Major Choice in Four Countries.” With Adam Altmejd, Andres Barrios-Fernandez, Marin Drlje, Joshua Goodman, Michael Hurwitz, Dejan Kovac, Christopher Neilson and Jonathan Smith. *Quarterly Journal of Economics*, 136(3): 1831 – 1886, 2021.

“Changing College Choices with Personalized Admissions Information at Scale: Evidence on Naviance,” *Journal of Labor Economics*, 39(1): 219-262, 2021.

“Inequality in Household Adaptation to Schooling Shocks: Covid-Induced Online Learning Engagement in Real Time,” with Andrew Bacher-Hicks and Joshua Goodman. *Journal of Public Economics*, 193: 104345, 2021.

“Can Low-Cost Online Summer Math Programs Improve Student Preparation for College-Level Math? Evidence from Randomized Control Trials at Three Universities” with Matthew Chingos, and Rebecca Griffiths. *Journal of Research on Educational Effectiveness*, 10(4): 794-816, 2017.

“Interactive Online Learning on Campus: Comparing Students Outcomes in Hybrid and Traditional Courses in the University System of Maryland” with Matthew Chingos, Rebecca Griffiths, and Richard Spies. *Journal of Higher Education*, 88(2): 210-233, 2016.

Additional Publications

“Expanding the Geographic Footprint of Army JROTC: An Analysis of Instructor and School Perspectives, Site Sustainability, and the Instructor Pipeline.” With Melanie A. Zaber, Pete Schirmer, Jessica Welburn Paige, Tobias Sytsma, Yael Katz, Peggy Wilcox, Elizabeth D. Steiner, Stephani L. Wrael, Christina Panis, Sarah Baker, Michael Preczewski, and Kristin J. Leuschner. RAND Corporation. September 2024.

“Implementation of Nevada’s Financial Literacy Mandate: A Mixed Methods Study” with Kate Kennedy and Zhan Okuda-Lim. RAND Corporation. July 2024.

“Access to Mathematics Learning and Postsecondary Preparation Opportunities in High School: Findings from the 2023 American Mathematics Educator Study” with Elizabeth Steiner and Sam Morales. RAND Corporation. February 2024.

“Strengthening the Manufacturing Workforce in Ohio” with Lisa Abraham and Lucas Greer. RAND Corporation. September 2023.

“Report on the Implementation, Costs, and Impacts of the Findhelp Platform in the North Carolina Community College System” with Kelly Hyde, Sam Morales, Drew M. Anderson, Brian Phillips and Alice Huguet. RAND Corporation. March 2023.

“Changes in College and Career Readiness Supports During the First Year of the COVID-19 Pandemic” with Elizabeth Steiner. RAND Corporation. January 2022.

“How are Teachers Educating Students with Disabilities during the Pandemic?” with Laura Stelitano, Katie Feistel, and Heather Gomez-Bendaña. RAND Corporation. April 2021.

“Trends in Postsecondary Education” with Melanie Zaber. RAND Corporation. March 2021.

“What Google Search Data Reveals About Learning During the Pandemic” with Andrew Bacher-Hicks and Joshua Goodman. *Education Next* July 2020.

“Better School Counselors, Better Outcomes.” *Education Next* 20(3), 2020.

“The Effects of Rising Student Costs in Higher Education: Evidence from Public Institutions in Virginia” with Richard R. Spies, Matthew P. Staiger, and D. Derek Wu. *Ithaka S+R*. 2015.

“Technology-Enhanced Education at Public Flagship Universities: Opportunities and Challenges” with Deanna Marcum and Clara Samayoa. *Ithaka S+R*. 2014.

Grants

National Institute on Aging. “Long-term Effects of Educational Investments on Cognitive Health. Principal Investigator (with Tadeja Gracner). \$4,235,982. 2024-2029.

Institute for Education Sciences “Exploring Student Pathways Through Rural High Schools and Into Postsecondary Education” *Principal Investigator*. \$998,948, 2024-2028.

Dual Enrollment Research Fund “Examining the Role of Course Delivery Modality in Dual Enrollment” *Co-PI* (PI: Julie Edmunds). 2024-2026.

National Institute of Child Health and Human Development “Impact of School-Based Health Centers on Improving Health and Promoting Equity” *Co-Investigator* (PI: Ashley Kranz). 2023-2027.

Institute for Education Sciences “Closing the Opportunity and Achievement Gaps in College and Career Readiness for Nevada Students” *Co-PI* (PI: Kata Mihaly) \$998,948, 2023-2026.

Institute for Education Sciences “The Transfer of College Credits Earned in High School” *Co-PI* (PI: Julie Edmunds) 2023-2027.

National Institute of Mental Health “School Counselors and Children’s Mental Health” *Principal Investigator* \$193,346, 2022-2024.

Department of Education EIR Grant “Dual Enrollment Math Bridge” *Co-PI* (PI: Lynn Cevallos, Co-PI: Rita Karam) 2023-2027.

Institute for Education Sciences “Evaluation of Career and College Promise” *Co-PI* (PI: Julie Edmunds) 2022-2024.

North Carolina Community College System “Aunt Bertha Cost Analysis” *Principal Investigator* \$138,710, 2022-2023.

Arnold Ventures “Impact of Early College High Schools” *Co-PI* (PI: Julie Edmunds, Co-PI Beth Glennie) 2022-2023.

National Endowment for Financial Education “Statewide Implementation of Financial Education in Nevada Schools” *Principal Investigator* \$199,414, 2022-2024.

ECMC Foundation “Strengthening and Diversifying the CS/IT Pipeline for Economic Security and Mobility in Ohio: Technical Assistance” *Co-PI* (PI: Megan Andrew, Co-PI: Jenna Kramer) 499,835 2022-2024.

Lumina Foundation “Strengthening the Manufacturing Workforce in Ohio” *Co-PI*, (PI: Lisa Abraham) \$250,000, 2022-2023.

WorkRise, “The Impact of a Worker’s First Job: Racial/Ethnic and Gender Differences in Career Paths” *Principal Investigator*, (Co-PI: Lisa Abraham,) \$165,074, 2022-2023.

RAND Epstein Veterans Policy Institute, “Examining the Evolution of Veteran’s Labor Market Outcomes” (PI: Lisa Abraham; Co-PI: Jeff Wenger) \$100,000

Institute for Education Sciences, “Exploring the Role and Effects of High School Advising on CTE Students’ Transitions to Postsecondary Education and the Workforce”, *Co-PI* (PI: Julie Edmunds, Co-PIs: Fatih Unlu, Rachel Rosen, James Kemple, John Sludden) \$442,645, 2022-2024.

Honors, Scholarships, and Fellowships

2021	Jean Flanigan Outstanding Dissertation Award, Association for Education Finance & Policy
2020-	Research Affiliate, CESifo
2019-2020	Dissertation Completion Fellowship, Harvard University
2016-2019	Partnering in Education Research Fellowship, Institute for Education Sciences
2018	Certificate of Distinction in Student Teaching, Harvard Kennedy School
2018	Certificate of Distinction in Teaching, Harvard College

Invited Talks and Conference Presentations

2023	Sciences Po Labor Workshop, University of California Santa Cruz, Association for Education Finance and Policy
2022	Princeton University, Association for Education Finance and Policy, Association for Public Policy and Management, Society of Labor Economists
2021	Vanderbilt University, Federal Communications Commission, Amherst College, Cesifo Economics of Education Conference, American Economic Association Annual Meeting, Association for Education Finance and Policy,
2020	Cesifo Economics of Education Conference, Association for Public Policy Analysis and Management, Society of Labor Economics World Conference, Massachusetts School Counselors Association, RAND Corporation, Urban Institute, University of Delaware, Boston University, Notre Dame University, University of Minnesota, Federal Trade Commission, Department of Justice
2019	Federal Reserve Bank of Boston, Association for Public Policy Analysis and Management, Hobson’s Summer Institute, University of Chicago Urban Labs, Association for Education Finance and Policy
2018	Association for Public Policy Analysis and Management, Association for Education Finance and Policy, Association for Public Policy Analysis and Management Student Conference
2017	Association for Education Finance and Policy

Teaching Experience

Understanding Economic Systems (PhD Micro), Pardee RAND Graduate School	2021-2022
Analyzing Education Policy, Harvard University (Teaching Fellow)	2018-2019
Markets and Market Failure, Harvard University (Teaching Fellow)	2017-2018

Additional Experience

Teaching Fellow, Harvard Kennedy School	2017-2019
Research Assistant, Harvard University	2017-2019
Research Analyst, Ithaca S+R	2013-2015

Media Coverage

Wall Street Journal, The Weeds Podcast, Chalkbeat, Inside Higher Ed, Education Week, EdNC, The74Million, EdSurge, Naviance

Referee Service

Quarterly Journal of Economics; AEJ: Applied Economics; AEJ: Economic Policy; Journal of Public Economics; American Economic Review: Insights; Journal of Labor Economics; Journal of Human Resources, Economics of Education Review; Review of Economics of the Household; Journal of Economic Inequality; Journal of Economic and Behavior Organization; Nature: Human Behavior; PNAS; Economic Journal; Labour Economics; Journal of Policy Analysis and Management; Education Finance and Policy, Education Researcher; Higher Education Elementary School Journal; Educational Evaluation and Policy Analysis; Journal of Research on Educational Effectiveness; AEFPP Conference; APPAM Conference; National Science Foundation

Research Fields

Economics of Education, Labor Economics, Public Economics