
DANIELLE SANDERSON EDWARDS

Old Dominion University
4301 Hampton Boulevard
Norfolk, VA 23529

(805) 708-0229
d1edward@odu.edu
www.daniellesandersonedwards.com

EDUCATION

- 2021 **Michigan State University**, East Lansing, MI
Ph.D. Education Policy, Specialization in Economics of Education
- 2014 **Stetson University**, DeLand, FL
B.S. Economics Minor: Mathematics, *summa cum laude*
B.A. History, *summa cum laude*

PROFESSIONAL APPOINTMENTS AND AFFILIATIONS

- 2023-Present **Old Dominion University**, Norfolk, VA
Assistant Professor of Educational Leadership and Workforce Development
- 2021-2023 **Brown University**, Providence, RI
Postdoctoral Research Associate, Annenberg Institute

Affiliations

- 2023-Present **Annenberg Institute**, Brown University
2021-Present **Center for Research on Education Access & Choice**, Tulane University
2017-2021 **Education Policy Innovation Collaborative**, Michigan State University

PUBLICATIONS

Peer Reviewed Journal Articles

Edwards, D.S., Kraft, M.A., Christian, A., Candelaria, C.A. (in press). Teacher Shortages: A Unifying Framework for Understanding and Predicting Vacancies. *Educational Evaluation and Policy Analysis*.

Edwards, D.S. (2024). Another One Rides the Bus: The Impact of School Transportation on Student Outcomes in Michigan. *Education Finance and Policy*, 19(1), 1-31.

Edwards, D.S. & Anderson, K.P. (2023). Teacher Compensation in a Changing Labor Market: Evidence from Michigan 2005-2015. *Journal of Education Finance*, 49(1), 65-87.

***Journal of Education Finance 2024 Article of the Year.*

Edwards, D.S. (2021). Just Out of Reach? Unrestrained Supply, Constrained Demand, and Access to Effective Schools in and around Detroit. *Educational Evaluation and Policy Analysis*, 43(3), 391-418.

Edwards, D.S. (2021). Over the River and through the Woods: The Role of Distance in Participation in Rural School Choice. *Journal of School Choice*, 15(4), 624-654.

Green, A. & **Sanderson, D.** (2018). The Roots of STEM Achievement: An Analysis of Persistence and Attainment in STEM Majors. *The American Economist*, 63(1), 79-93.

Manuscripts Under Review

Edwards, D.S. & Anderson, K.P. (revised and resubmitted to *AERA Open*). Do Public School Choice Policies Segregate Public Schools? Causal Effects in Michigan.

Edwards, D.S. & Kraft, M.A. (revised and resubmitted to *Educational Researcher*). Grow Your Own: An Umbrella Term for Very Different Localized Teacher Pipeline Programs.

Manuscripts in Progress

Edwards, D.S. & Cowen, J.M. Home is Where the School Is? Linking Residential Mobility and School Choice in a Statewide Educational Market.

Kraft, M.A., **Edwards, D.S.**, & Cannata, M. Taking Tutoring to Scale: Program Dynamics, Causal Effects, and Lessons Learned.

Edwards, D.S., & Cowen, J.M. What's Old is New? School Openings, School Closings, and Student Achievement.

Policy Briefs, Technical Reports, and Other Publications

Gottfried, M., Page, L.C., & **Edwards, D.S.** (2023). Reducing Student Absenteeism. EdResearch for Action. Providence, RI.

Edwards, D.S. & Cowen, J.M. (2022). The Roles of Residential Mobility and Distance in Participation in Public School Choice. National Center for Research in Education Access and Choice. New Orleans, LA.

Edwards, D.S. (2022). How Does School Bus Transportation Affect Student Attendance and Achievement? National Center for Research in Education Access and Choice. New Orleans, LA.

Edwards, D.S. (2021, April 26). "Best schools often out of reach for disadvantaged students in choice programs." *The Conversation U.S.*

Edwards, D.S. & Cowen, J.M. (2020). Schools of Choice in Michigan: Access to Non-Resident Options. Education Policy Innovation Collaborative. East Lansing, MI.

Edwards, D.S. & Cowen, J.M. (2019). Who Chooses? Charter and Non-Resident Student Enrollment in Michigan. Education Policy Innovation Collaborative. East Lansing, MI.

Edwards, D.S., Anderson, K.P., & Mohr, E. (2019). Transportation, Choice, and Parental Priorities: An Analysis of Detroit's GOAL Line Program. Education Policy Innovation Collaborative. East Lansing, MI.

Cowen, J.M., **Edwards, D.S.**, Sattin-Bajaj, C., & Cosby, M. (2018). Motor City Miles: Student Travel to Schools in and around Detroit. Urban Institute. Washington, D.C.

RESEARCH FUNDING

- 2023-26 Co-Principal Investigator. “Increasing Teacher Diversity, Supply and Retention through Grow Your Own Programs” WT Grant Foundation Reducing Inequality Grant. (\$525,000) [PI Matthew Kraft]
- 2023-25 Co-Principal Investigator. “Can Schools Grow Their Own? Assessing New Approaches to Developing Local Pipelines of Effective Teachers” Smith Richardson Foundation. Grant ID: 2022-2846. (\$153,000) [PI Matthew Kraft]
- 2023-24 Co-Principal Investigator. “Scaling High-Dosage Tutoring within the K-12 Public School Education System: A Multi-Year Evaluation of the Accelerating Scholars Program.” Tennessee State Collaborative on Reforming Education. (\$40,000) [PI Matthew Kraft]
- 2022-23 Co-Principal Investigator. “An Evaluation of “Grow Your Own” Programs Aimed at Growing the Supply and Diversity of Teaching Talent in Hard-to-Staff School Districts” Schmidt Futures. Grant ID: 2022-6-23-1. (\$100,000) [PI Matthew Kraft]
- 2018 Summer Research Fellowship. “Teacher Compensation Responses to Teacher Labor Market Reforms: Comparing across Traditional Public Schools and Charter Schools in Michigan” Michigan State University College of Education. (\$6,000)

HONORS AND AWARDS

- 2023 **Outstanding Reviewer Award**, Educational Researcher
- 2022 **Outstanding Reviewer Award**, Educational Evaluation and Policy Analysis
- 2022 **Emerging Education Policy Scholar**, Thomas B. Fordham Institute
- 2021 **New Scholar Award**, Association for Education Finance and Policy
- 2020 **David L. Clark Seminar Scholar**, University Council for Education Administration and American Educational Research Association, Division I
- 2018 **Education Policy Academy Scholar**, American Enterprise Institute
- 2016-2021 **University Distinguished Fellow**, Michigan State University Graduate School

RESEARCH PRESENTATIONS

Invited Presentations

- 2024 National Grow Your Own Network; Postsecondary Career and Technical Education Research Fellows Program
- 2023 Wayne State University; University of Missouri; University of Memphis; Center for Research on Education Access and Choice
- 2022 California Lutheran University; Colorado State University; RAND

2021 Center for Research on Education Access and Choice; Graduate Students in
Economics of Education Zoom Seminar Series

Conference Presentations

**Presenting author*

Kraft, M.A., **Edwards, D.S.***, & Cannata, M. (2024, May). Taking Tutoring to Scale: A Multi-Year Analysis. National Student Support Accelerator Annual Conference, Stanford, CA.

Edwards, D.S.* & Kraft, M.A. (2024, April). The Landscape of “Grown Your Own” Teacher Initiatives in the United States. American Educational Research Association Annual Meeting, Philadelphia, PA.

Edwards, D.S.* & Kraft, M.A. (2024, March). Improving Teacher Diversity, Effectiveness and Retention? The Career Trajectories of High School Grow Your Own Participants. Association for Education Finance and Policy, Baltimore, MD.

Kraft, M.A.*, **Edwards, D.S.**, & Cannata, M. (2024, March). Taking Tutoring to Scale: A Multi-Year Analysis. Association for Education Finance and Policy, Baltimore, MD.

Edwards, D.S.* & Kraft, M.A. (2023, November). Garden Variety of Garden Full of Variety? The Landscape of “Grown Your Own” Teacher Initiatives in the United States. Association for Public Policy Analysis and Management Fall Conference, Atlanta, GA.

Edwards, D.S.* & Kraft, M.A. (2023, November). Can Schools Grow Their Own? Assessing New Approaches to Developing Local Pipelines of Effective Teachers. Association for Public Policy Analysis and Management Fall Conference, Atlanta, GA.

Edwards, D.S.* & Kraft, M.A. (2023, March). Can Schools Grow Their Own? Assessing New Approaches to Developing Local Pipelines of Effective Teachers. Association for Education Finance and Policy, Denver, CO.

Edwards, D.S.*, Kraft, M.A., Christian, A., Candelaria, C.A. (2022, November). Teacher Shortages: Unifying Statewide, Regional, and School Perspectives. Association for Public Policy Analysis and Management Fall Conference, Washington, D.C.

Kraft, M.A.*, **Edwards, D.S.**, & Cannata, M. (2022, November). Taking High-Dosage Tutoring to Scale: Program Implementation, Causal Effects, and Lessons Learned. Association for Public Policy Analysis and Management Fall Conference, Washington, D.C.

Edwards, D.S.*, Kraft, M.A., Christian, A., & Candelaria, C.A. (2022, September). Teacher Shortages: Unifying Statewide, Regional, and School Perspectives. Society for Research on Educational Effectiveness 2022 Conference. Arlington, VA.

Kraft, M.A.*, **Edwards, D.S.**, & Cannata, M. (2022, September). Taking High-Dosage Tutoring to Scale: Program Implementation, Causal Effects, and Lessons Learned. Society for Research on Educational Effectiveness 2022 Conference. Arlington, VA.

- Edwards, D.S.*** (2022, March). Another One Rides the Bus: The Impact of School Transportation on Student Outcomes in Michigan. Association for Public Policy Analysis and Management Fall Conference, Austin, TX.
- Edwards, D.S.** & Anderson, K.P.* (2022, March). Enrollment Policies, Interdistrict Choice, and Peer Effects. Association for Public Policy Analysis and Management Fall Conference, Austin, TX.
- Edwards, D.S.*** & Anderson, K.P. (2022, March). Do Public School Choice Policies Segregate Schools? Causal Effects in Michigan. Association for Education Finance and Policy, Denver, CO.
- Edwards, D.S.***, Kraft, M.A., Christian, A., & Candelaria, C.A. (2022, January). The Geography of Teacher Shortages. Spatial Structures in Social Sciences Winter Mini-Conference. Providence, RI.
- Edwards, D.S.*** (2021, March). Another One Rides the Bus: The Effects of School Transportation on Student Outcomes in Michigan. Association for Education Finance and Policy, Online.
- Edwards, D.S.*** (2020, November). Another One Rides the Bus: The Effects of Transportation Eligibility on Student Outcomes in Urban and Suburban Michigan. Association for Public Policy Analysis and Management Fall Conference, Online.
- Wood, W.J., **Edwards, D.S.**, & Cowen, J.M.* (2020, November). Old School or New School? Effects of School Openings on Student Outcomes in a Deregulated Education Market. Association for Public Policy Analysis and Management Fall Conference, online.
- Edwards, D.S.*** (2020, April). Equitable Access to High Quality Schools? Describing Who Chooses and Where They Attend in Detroit. American Educational Research Association Annual Meeting, San Francisco, CA. (Conference Canceled due to COVID-19)
- Edwards, D.S.*** & Cowen, J.M. (2020, March). The Long and Winding Road to School: Examining Relationship between the Distance Students Travel to School and Their Achievement Outcomes in Michigan. Association for Education Finance and Policy, Online.
- Edwards, D.S.*** (2019, November). The Effect of Transportation Eligibility on Choice of School in Detroit. Association for Public Policy Analysis and Management Fall Conference, Denver, CO.
- Edwards, D.S.*** & Cowen, J.M. (2019, July). Are We There Yet? Geographic Access to Schools for Detroit Students. Association for Public Policy Analysis and Management International Conference, Barcelona, Spain.
- Edwards, D.S.*** & Cowen, J.M. (2019, March). Just Out of Reach: Estimating Relationships between School Location, Quality, and Choice in Detroit. Association for Education Finance and Policy, Kansas City, MO.

Cowen, J.M & **Edwards, D.S.*** (2018, November). Are We There Yet? Geographic Access to Schools for Detroit Students. Association for Public Policy Analysis and Management Fall Conference, Washington, D.C.

Anderson, K.P., Cowen, J.M., Strunk, K.O., & **Sanderson, D.*** (2018, March). Teacher Compensation Responses to Teacher Labor Market Reforms: Comparing across Traditional Public Schools and Charter Schools in Michigan. Association for Education Finance and Policy, Portland, OR.

Auletto, A.M.*, **Sanderson, D.**, & Cowen, J.M. (2018, March). Location, Location, Location: How Teacher Education Programs Position Graduates for Their First Teaching Jobs. Association for Education Finance and Policy, Portland, OR.

MEDIA MENTIONS

The Daily Report. (April 23, 2024). *CBS News*.

Proof points: When schools experimented with \$10,000 pay hikes for teachers in hard-to-staff areas, the results were surprising. (April 8, 2024). *The Hechinger Report*.

What does it mean to grow your own teachers? It depends. (January 18, 2024). *EdWeek*.

This teacher shortage solution has gone viral. But does it work? (October 26, 2023). *National Public Radio*.

To fight teacher shortages, schools turn to custodians, bus drivers, and aides. (August 7, 2023). *The Hechinger Report*.

Exclusive: All teacher shortages are local, study finds. (December 1, 2022). *The 74 Million*.

Study: How commute times shapes school choices for Michigan families (November 3, 2022). *Chalkbeat*.

Study: Students more likely to attend school if they're eligible for the bus. (July 20, 2022). *Detroit Free Press*.

Just a quarter of Detroit students attend schools in their own neighborhoods. The rest commute. (October 11, 2018). *Chalkbeat*.

TEACHING EXPERIENCE

Old Dominion University

Spring 2024 Research Design and Analysis (PhD)

Fall 2023 Applied Linear Models in Educational Research (PhD)

Seton Hall University

Summer 2021 Intermediate Statistical Methods (EdD)

Michigan State University

Fall 2019 Econometric Analysis for Education Policy (PhD)

K-12 Experience

2014-2016 Secondary Mathematics Teacher, Walter Cohen College Prep High School, New Orleans, LA. Courses Taught: Algebra II; Pre-Calculus

Guest Lectures

Spring 2024 Economic Analysis in Education Policy (PhD), Michigan State University
[Instructor: Joshua Cowen]

Summer 2023 Dissertation Seminar (PhD), Old Dominion University
[Instructor: Daniel Smith]

Spring 2023 Economic Analysis and Urban Education Policy (Masters), Brown University
[Instructor: Lindsay Page]

Spring 2022 Economic Analysis and Urban Education Policy (Masters), Brown University
[Instructor: Matthew Kraft]

MENTORING AND ADVISING

Old Dominion University

Supervisor

Nadiya de Ungo, Graduate Research Assistant, 2023-2024

Seton Hall University

Dissertation Committees

Ellen Gianakis, Ed.D. K-12 School Administration, Summer 2023

Brown University

Supervisor

Robert Bellaire, Undergraduate Research Assistant, 2022-2023

Jacquelyn Benjes, Undergraduate Research Assistant, Spring 2022

Tyshon Hattori-Lindsey, Undergraduate Research Assistant, Spring 2022

James Kim, Undergraduate Research Assistant, Spring 2022

Michigan State University

Supervisor

Olivia Czajka, Undergraduate Research Assistant, Fall 2019

Mallory Weiner, Undergraduate Research Assistant, Fall 2019

Peer Mentor

Sam Cullum, Ph.D. Education Policy, 2020-21

PROFESSIONAL ACTIVITIES

Referee Service

Journals

AERA Open, American Educational Research Journal, American Journal of Education, Education Finance and Policy, Educational Evaluation and Policy Analysis, Educational Administration Quarterly, Educational Researcher, Equity and Excellence in Education, Journal of Policy Analysis and Management, Journal of School Choice, The High School Journal

Grants

Smith Richardson Foundation

Conference Presentations

Society for Research on Educational Effectiveness, 2024
Association for Education Finance and Policy, 2023

Awards

AERA Division L Outstanding Policy Report, 2024

Professional Memberships

American Educational Research Association
Association for Education Finance and Policy
Association for Public Policy Analysis and Management
National Education Finance Academy

UNIVERSITY SERVICE

Old Dominion University

2023-24 **Scholarship Statement Committee**, Educational Leadership & Workforce Development Dept.

Brown University

2023 **Steering Committee Member**, Annenberg Institute
2022-2023 **Seminar Series Chair**, Annenberg Institute

Michigan State University

2017-2020 **Collaborating Across Education Policy Students Chair**, Education Policy Unit