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RESEARCH AND TEACHING FIELDS

Labor Economics, Public Economics, Economics of Education

APPOINTMENTS

- 2022-2023 Senior Advisor to Under Secretary of Education, U.S. Department of Education
- 2017–present Associate Professor (with tenure), Ford School of Public Policy and School of Education (by courtesy), University of Michigan
- 2017-present Research Associate, National Bureau of Economic Research, Economics of Education Group (Faculty Research Fellow 2013-2017)
- 2021-present Co-Director, Education Policy Initiative, University of Michigan
- 2021-present Faculty Affiliate, Inter-university Consortium for Political and Social Research (ICPSR), University of Michigan
- 2021-present Faculty Affiliate, Michigan Institute for Data Science (MIDAS), University of Michigan
- 2018–2019 Visiting Professor, Paris School of Economics
- 2010-2017 Assistant Professor, Ford School of Public Policy, University of Michigan
- 2008-2010 Robert Wood Johnson Scholar in Health Policy Research, University of Michigan

EDUCATION

- Ph.D., Economics, University of California at Berkeley, 2008.
- B.S., Economics, Massachusetts Institute of Technology, 2000.
- B.S., Mechanical Engineering, Massachusetts Institute of Technology, 1999.

EDITED VOLUMES

Productivity in Higher Education (coedited with Caroline Hoxby). 2020. Chicago, Illinois: University of Chicago Press.

PUBLICATIONS

2023

“The Skill Content of College Majors: Evidence from the Universe of Online Job Ads.” (with Steve Hemelt, Brad Hershbein, and Shawn Martin). [NBER Working Paper 29605](#). December 2021. Conditionally accepted at *Labour Economics*.

2022

“The Pandemic’s Effect on Demand for Public Schools, Homeschooling, and Private Schools” (with Tareena Mussadiq, Andrew Bacher-Hicks, and Joshua Goodman), *Journal of Public Economics*, August 2022: 104710.

2021

“Why is Math Cheaper than English? Understanding Cost Differences in Higher Education” (with Steve Hemelt, Fernando Furquim, Andrew Simon, and John Sawyer) *Journal of Labor Economics*, 39(2), pages 397-435.

2020

“Measuring Instructor Effectiveness in Higher Education” (with Pieter De Vlieger and Brian Jacob) in C. Hoxby and K. Stange eds., *Productivity in Higher Education*, 2020. Chicago, Illinois: University of Chicago Press.

“Vocational and Career Tech Education in American High Schools: Curriculum Choice and Labor Market Outcomes” (with Daniel Kreisman), *Education Finance and Policy*, 15 (1) (Winter 2020): 11-44.

2019

“Price Regulation, Price Discrimination, and Equality of Opportunity in Higher Education: Evidence from Texas” (with Rodney Andrews) *American Economic Journal: Economic Policy*, 11 (4): 31-65.

“Perception Isn’t Everything: The Reality of Class Size” (with Mark Umbricht) *The AIR Professional File*. Fall 2019, Article 146.

2018

“College as Country Club: Do Colleges Cater to Students’ Preferences for Consumption?” (with Brian Jacob and Brian McCall), *Journal of Labor Economics*, 36(2). (April 2018).

2016

“Investing in Schools: Capital Spending, Facility Conditions, and Student Achievement” (with Paco Martorell and Isaac McFarlin), *Journal of Public Economics*, 140 (2016): 13-29.

“A New Measure of College Quality to Study the Effects of College Sector and Peers on Degree Attainment” (with Jonathon Smith), *Education Finance and Policy*, Fall 2016, 11(4): 369–403.

“Pricing and University Autonomy: Tuition Deregulation in Texas” (with Jeongeun Kim), *RSF: The Russell Sage Foundation Journal of the Social Sciences*, 2(1): 112-146. (April 2016)

“Marginal Pricing and Student Investment in Higher Education” (with Steven Hemelt), *Journal of Policy Analysis and Management*, 35(2): 441-471.

2015

“Differential Pricing in Undergraduate Education: Effects on Degree Production by Field,” *Journal of Policy Analysis and Management*, 34 (1): 107-135 (2015).

2014

“How Does Provider Supply and Regulation Influence Health Care Markets? Evidence from Nurse Practitioners and Physician Assistants,” *Journal of Health Economics*, 33 (2014): 1-27.

2012

“An Empirical Investigation of the Option Value of College Enrollment.” *American Economic Journal: Applied Economics*, Vol. 4 (1) (January 2012).

“Ability Sorting and the Importance of College Quality to Student Achievement: Evidence from Community Colleges.” *Education Finance and Policy*, Vol. 7 (1) (Winter 2012)

2011

“A Longitudinal Analysis of the Relationship Between Fertility Timing and Schooling.” *Demography*, Vol. 48 (3): 931-956. (2011)

2010

“Does Inconvenience Explain Low Take-up? Evidence from Unemployment Insurance” (with Avraham Ebenstein). *Journal of Policy Analysis and Management*, Vol. 29 (1): 111-136 (2010).

PAPERS UNDER REVIEW AND SELECT WORK-IN-PROGRESS

“The Returns to College Major Choice: Mean Effects, Career Trajectories, and Earnings Variability” (with Rodney Andrews, Scott Imberman, Mike Lovenheim). [NBER Working Paper 30331](#). August 2022. Revisions requested at *Review of Economics and Statistics*.

“Grads on the Go: Measuring College-Specific Labor Markets for Graduates.” (with John Conzelmann, Steve Hemelt, Brad Hershbein, Shawn Martin, and Andrew Simon). [NBER Working Paper 30088](#). May 2022. Under review.

“Migration from Administrative Data: Problems and Solutions with an Application to Postsecondary Education” (with Andrew Foote). [NBER Working Paper 30232](#). July 2022. Under review.

“The Stickiness of Pandemic-Driven Disenrollment from Public Schools.” (with Tareena Mussadiq, Andrew Bacher-Hicks, and Joshua Goodman). May 2023. Under review.

- “Skills, Majors, and Jobs: Does Higher Education Respond?” (John Conzelmann, Steve Hemelt, Brad Hershbein, Shawn Martin, and Andrew Simon). In preparation.
- “Can Higher Education Foster Career Adaptability?” (with Allyson Flaster, Paul Courant, Anna Paulson, and Kayla Manley). In preparation.
- “Undergraduate Class Size Reduction: Effects and Costs” (with Mark Umbricht). In preparation.
- “Labor Supply Effects of Occupational Regulation: Evidence from the Nurse Licensure Compact” (with Christina DePasquale), revisions requested at *Journal of Law and Economics* (available as NBER Working Paper 22344)

POLICY BRIEFS AND OTHER WRITING

- Andrews, R., Imberman, S., Lovenheim, M., and Stange, K. 2022. [College majors affect more than just average earnings](#). VoxEU.org, 27 Oct.
- Hemelt, S.W., Stange, K.M., Furquim, F., Simon, A., and Sawyer, J.E. 2022. [Major Differences: Why some degrees cost colleges more than others](#). *Education Next*, 22(2), 58-65.
- Musaddiq, T, K. Stange, A. Bacher-Hicks, J. Goodman, 2021. [The Pandemic's Effect on Demand for Public Schools, Homeschooling, and Private Schools](#). *EPI Policy Brief*. September 2021.
- Hemelt, S.W., and K. Stange, 2020. “[Why the move to online instruction won’t reduce college costs](#).” *Brown Center Chalkboard*. Brookings Institute. July 28, 2020.
- Sanchez Zavala, O., S. Solanki, K. Stange, and C. Brown “[Applications for Financial Aid Lagging Among Low-Income Students](#).” *EPI Policy Brief*. August 2020.
- Kreisman, D., and Stange, K. 2019. [Depth Over Breadth: The Value of Vocational Education in U.S. High Schools](#). *Education Next*, 19(4), 76-83.
- De Vlieger, P., Jacob, B.A., and Stange, K. 2017. [Measuring Up: Assessing instructor effectiveness in higher education](#). *Education Next*, 17(3), 68-74.

DATA PRODUCTS

- Courant, Paul N., Flaster, Allyson, Jekielek, Susan, Levenstein, Margaret, McKay, Timothy A., and Stange, Kevin M. College and Beyond II (CBII) Administrative Data, [United States], 2000-2021. Inter-university Consortium for Political and Social Research [distributor], 2022-12-12. <https://doi.org/10.3886/ICPSR38488.v2>
- Courant, Paul N., Flaster, Allyson, Jekielek, Susan, Levenstein, Margaret, McKay, Timothy A., and Stange, Kevin M. College and Beyond II (CBII) Alumni Survey, [United States], 2021. Inter-university Consortium for Political and Social Research [distributor], 2022-12-12. <https://doi.org/10.3886/ICPSR38299.v2>

Conzelmann, Johnathan, Hemelt, Steven, Hershbein, Brad, Martin, Shawn, Simon, Andrew, and Stange, Kevin. Grads on the Go: Measuring College-Specific Labor Markets for Graduates [US, 2010-2018]. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2022-05-18. <https://doi.org/10.3886/E170381V3>

TEACHING

Ford School of Public Policy, University of Michigan

Statistics for Public Policy (Fall 2020)

Education Policy and Economic Mobility: Challenges and Promise (Fall 2020)

Quantitative Methods of Program Evaluation/PubPol639 (Winter 2010, 2011, 2013, Fall 2016, Winter 2017)

Microeconomics A/PubPol555 (Fall 2010, 2011, 2012, 2014)

Microeconomics B/PubPol558 (Winter 2018)

Higher Education and Public Policy/PubPol611 (Winter 2012, 2013, Fall 2014, Fall 2015, Fall 2017, Fall 2019)

Economic Analysis in the Practice of Public Policy/PubPol558 (Winter 2020, 2021, 2022)

Causal Inference in Education Research: Postsecondary/PubPol713 (Winter 2020, 2022)

Paris School of Economics

Economics of higher education (Spring 2019)

DOCTORAL ADVISING (completed, * signifies co-chair, first placement)

Caroline Weber (Economics, 2012) – Assistant Professor of Economics at U of Oregon

Jesse Gregory (Economics, 2012) – Assistant Professor of Economics at U of Wisconsin

Dan Leeds (Economics, 2013) – MI Department of Education/Strategic Data Project

Francie Streich (Public Policy & Economics, 2014) - Research Scientist at Wilder Foundation/Research

Christina DePasquale* (Business Economics, 2014) – Assistant Professor of Economics at Emory University

Desmond Toohey (Public Policy & Economics, 2015) – Assistant Professor of Economics at University of Delaware

Jeongeun Kim (Education, 2015) – Assistant Professor at Arizona State University

Joanna Frye (Education, 2015) – Postdoctoral Fellow at UM ADVANCE Program

Katie Lim* (Public Policy & Economics, 2016) – U.S. Treasury
Julian Hsu* (Economics, 2017) – The College Board
Allyson Flaster (Education, 2017) – Rackham Graduate School (U Michigan)
Daniel Hubbard (Economics, 2018) – American Institutes for Research
Daniela Morar (Economics, 2018) – Yale University Post-doc
Mark Crow (Public Policy & Economics, 2019) – U.S. Military Academy
Max Gross (Economics, 2020) – Mathematica Policy Research
Pieter DeVlieger (Economics, 2020) – Uber
Avery Calkins (Economics, 2020) – Rand Corporation
Meghan Oster (Education, 2021) – Iowa College Aid
Andrew Simon (Economics, 2021) – U Chicago Post-doc
Stephanie Owen (Economics & Public Policy, 2021) – Colby College
Fernando Furquim* (Education, 2021) – Minneapolis CTC
Shawn Martin (Public Policy & Economics, 2022) – Cornerstone Research
Sooji Kim (Education, 2022) – North Carolina State Post-doc
KC Dean (Education, 2022) – Washington Student Achievement Council
Nate Bauer (Education, 2023) – University of Michigan Law School
Michael Murto (Economics, 2023 expected) – Consumer Financial Protection Bureau
Shauna Dyer (Sociology, 2023 expected) – Harvard Post-doc

RESEARCH, CONFERENCE, AND FELLOWSHIP FUNDING

Spencer Foundation (\$249,078, co-PI with A. Flaster & S. Jekielek, 2023-2025) for “Developing The Skills Needed for Living in a Diverse and Democratic Society: The Role of Liberal Arts Education”
Institute for Education Sciences (\$2,700,000, co-PI with K. Michelmore & M. Tompkins-Stange, 2022-2026) for “Early First-Dollar Categorical Need-Based Aid: A New Model for Making College Affordable?”
Michigan Institute for Data Science PODS (\$48,448, co-PI with A. Flaster, 2021-2022) for “Classifying the Content of Undergraduate Course-taking at Scale”
National Science Foundation (\$402,208, co-PI with S. Hemelt & B. Hershbein, 2019-2022) for

“Skills, Majors, and Jobs: Does Higher Education Respond?”

Russell Sage Foundation (\$165,314, co-PI with S. Hemelt & B. Hershbein, 2019-2021) for
“Skills, Majors, and Jobs: Does Higher Education Respond?”

Mellon Foundation (\$4,500,000, co-I with P. Courant, A. Flaster, S. Jekielek, M. Levenstein, T.
McKay, 2019-2022) for College and Beyond II

UM Poverty Solutions (\$30,000, 2019-2020) for “Go Blue Community College Pilot Project”

Smith Richardson Foundation (\$255,055, co-PI with R. Andrews, S. Imberman, M. Lovenheim,
2018-2020) for “A Major Decision: The Consequences of College Course Taking”

Smith Richardson Foundation (\$260,589, co-PI with S. Hemelt, 2016-2018) for “Why Does
College Cost So Much? Cost Drivers in Higher Education”

Sloan Foundation (\$93,150 conference grant, co-PI with C. Hoxby, 2014-2016) for “Productivity
in Higher Education”

Spencer Foundation (\$75,000 conference grant, co-PI with C. Hoxby, 2014-2016) for
“Productivity in Higher Education”

Russell Sage Foundation (\$105,738, co-PI with R. Andrews, 2015-2016) for “Price Deregulation
and Equality of Opportunity in Higher Education”

Spencer Foundation (\$49,854, co-PI with R. Andrews, 2014-2016) for “Price Deregulation and
Equality of Opportunity in Higher Education”

Institute of Education Sciences (\$2,079,385, co-PI with I. McFarlin and P. Martorell, 2014-2017)
for “On the Importance of School Facilities Spending to Student Outcomes”

WT Grant Foundation (\$25,000, co-PI with I. McFarlin and P. Martorell, 2014-2015)

Institute for Research on Poverty Emerging Scholars Small Grants (\$20,000, co-PI with D.
Kreisman, 2013-2014)

University of Michigan M-Cubed Program (\$60,000, co-PI with J. Smith and J. Bound, 2013-
2014)

Upjohn Institute for Employment Research Small Grant (\$5,000, 2011)

Rackham Spring/Summer Research Grant Program (\$6,000, 2011)

Robert Wood Johnson Foundation Health and Society Scholars Program Grant (\$27,000, Co-PI
with D Sampson, U Michigan School of Nursing, 2009-2010)

PROFESSIONAL ACTIVITIES

Affiliations

American Economic Association, Society of Labor Economists, Association for Education
Finance and Policy, Association for Public Policy Analysis & Management

Seminar and Conference Presentations (since 2017)

2023: American University, University of Michigan

2022: Association for Education Finance and Policy Annual Meeting, Association for Public Policy and Management Fall Meeting

2021: Bristol University, Hebrew University, Association for Education Finance and Policy Annual Meeting, Society of Labor Economics Annual Conference, Villanova University, National Bureau of Economic Research Education Meetings

2020: University of Memphis, New York Federal Reserve Bank (canceled)

2019: London School of Economics, Lancaster University, Royal Economic Society, Institute for Fiscal Studies, Paris School of Economics, Organization for Economic Development and Cooperation, Association for Public Policy Analysis & Management Fall Conference, University of Michigan, National Bureau of Economic Research Education Meetings

2018: American Economic Association, World Bank, University of Oklahoma, University of Houston, Association for Education Finance and Policy Annual Meeting, University of Delaware, Society of Labor Economists Annual Meeting, IZA Economics of Education meeting

2017: American Economic Association, Association for Education Finance and Policy Annual Meeting, University of Phoenix, US Bureau of Economic Analysis, University of Michigan, Association for Public Policy Analysis and Management Fall conference, UCLA

Editorial Positions

Journal of Policy Analysis and Management: co-editor (2018-2021).

Journal Referee Service

American Economic Review, American Economic Review: Insights, American Economic Journal: Applied Economics, American Economic Journal: Economic Policy, The B.E. Journal of Economic Analysis and Policy, Demography, Econometrica, Economic Journal, Economics of Education Review, Educational Evaluation and Policy Analysis, Health Economics, Industrial and Labor Relations Review, Journal of the American Statistical Association, Journal of Econometrics, Journal of European Economic Association, Journal of Health Economics, Journal of Human Resources, Journal of Labor Economics, Journal of Policy Analysis and Management, Journal of Political Economy, Journal of Public Economics, Labour, National Tax Journal, Review of Economic Studies, Southern Economic Journal, Quarterly Journal of Economic, Quantitative Economics.