

TIM R. SASS

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Education:

A.B., Economics, University of California - Davis, Davis, CA, 1979.

M.A., Economics, University of Washington, Seattle, WA, 1981.

Ph.D., Economics, University of Washington, Seattle, WA, 1984.

Fields of Specialization:

Economics of Education, Applied Microeconomics, Industrial Organization, Public Choice

Academic Appointments:

Instructor 1980 - 1984

Department of Economics, University of Washington

Assistant Professor 1984 - 1987

Department of Economics, University of New Mexico

Visiting Assistant Professor 1987 - 1990

Department of Economics, San Jose State University

Assistant Professor 1990 - 1993

Department of Economics, Florida State University

Associate Professor 1993 - 2000

Department of Economics, Florida State University

Full Professor 2000 - 2011

Department of Economics, Florida State University

Full Professor 2011 - 2012

Department of Economics, Georgia State University

Distinguished University Professor 2013 - present

Department of Economics, Georgia State University

Honors and Awards:

Meritorious Performance and Professional Promise Award, San Jose State University (1989, 1990).

Council on Research and Creativity Summer Research Award, Florida State University (1991, 1995, 2001).

Teaching Incentive Program Award for Teaching Excellence, Florida State University (1994).

Charles and Joan Haworth Professor of Labor Economics, Florida State University (2009-2011).

External Grants:

Laura and John Arnold Foundation grant, “Center for the Analysis of Longitudinal Data in Education Research – Georgia State Sub-award.” August 2017 – July 2020. Award amount = \$242,078.

Laura and John Arnold Foundation grant (co-PI with Dan Kreisman), “Metro Atlanta Policy Lab for Education (MAPLE) and the Multi-State Lab for Career and Technical Education Policy (CTE).” July 2017 – December 2020. Award amount = \$3,878,228.

Smith-Richardson Foundation grant, “Center for the Analysis of Longitudinal Data in Education Research – Georgia State Sub-award.” July 2017 – June 2019. Award amount = \$32,946.

U.S. Department of Education, Institute for Education Sciences grant, “National Research and Development Center on Scaling Up Effective Schools – Georgia State Sub-award.” August 2013 - July 2015. Award amount = \$165,058.

U.S. Department of Education, Institute for Education Sciences grant, “National Research and Development Center on State and Local Policy – Georgia State Sub-award.” July 2012 - June 2017. Award amount = \$429,811.

Gates Foundation and Smith-Richardson Foundations grant, “Secondary and Postsecondary Pathways to Labor Market Success: A Research Program to Improve Policy/Practice – Georgia State University Sub-award.” August 2011 – June 2014. Award amount = \$133,395.

Smith-Richardson Foundation grant (co-PI with David Figlio and Celeste Carruthers), “The Consequences of Tenure Reform.” July 2011 – June 2014. Award amount = \$300,000.

External Grants (cont.):

U.S. Department of Education, Institute for Education Sciences grant (co-PI with Li Feng), “The Impact of Incentives to Recruit and Retain Teachers in ‘Hard-to-Staff’ Subjects: An Analysis of the Florida Critical Teacher Shortage Program.” August 2011 – December 2013. Award amount = \$495,575.

U.S. Department of Education, Institute for Education Sciences grant, “Center for the Analysis of Longitudinal Data in Education Research (CALDER) – Florida State Sub-award.” January 2010 - June 2011. Award amount = \$174,996.

U.S. Department of Education, Institute for Education Sciences grant (co-PI with Li Feng) for “The Effects of Teacher Preparation and Professional Development on Special Education Teacher Quality.” August 2007 – July 2010. Award amount = \$640,044.

National Board for Professional Teaching Standards grant (co-PI with Douglas Harris) for "National Board Certification in Florida: Does it Make a Difference in Student Achievement?" September 2005 - May 2006. Award amount = \$208,220.

U.S. Department of Education, Institute for Education Sciences grant (co-PI with Douglas Harris) for "Assessing Teacher Effectiveness: How Can we Predict Who Will be a High-Quality Teacher?" September 2004 - August 2008. Award amount = \$978,698.

Spencer Foundation grant for “Charter Schools and Student Achievement in Florida,” May 2002 - January 2003. Award amount = \$21,400.

Refereed Publications:

“School Accountability and Teacher Mobility” (with David Figlio and Li Feng), 103 *Journal of Urban Economics* 1-17 (2018).

“The Impact of Incentives to Recruit and Retain Teachers in ‘Hard-to-Staff’ Subjects” (with Li Feng), 37 *Journal of Policy Analysis and Management* 112-135 (2018).

“Teacher Quality and Teacher Mobility” (with Li Feng), 12 *Education Finance and Policy* 396-418 (Summer 2017).

“Charter High Schools’ Effects on Long-Term Attainment and Earnings” (with Ron Zimmer, Brian Gill and Kevin Booker), 35 *Journal of Policy Analysis and Management* 683-706 (Summer 2016).

“Licensure and Worker Quality: A Comparison of Alternate Routes to Teaching,” 58 *Journal of Law and Economics* 1-35 (February 2015).

“Skills, Productivity and the Evaluation of Teacher Performance” (with Douglas Harris), 40 *Economics of Education Review* 183-204 (June 2014).

Refereed Publications (cont.):

- “Value-Added Models and the Measurement of Teacher Productivity” (with Anastasia Semykina and Douglas N. Harris), 38 *Economics of Education Review* 9-23 (February 2014).
- “Where You Come From or Where You Go? Distinguishing Between School Quality and the Effectiveness of Teacher Preparation Program Graduates” (with Kata Mihaly, Daniel McCaffrey and J.R. Lockwood), 8 *Education Finance and Policy* 459-493 (Fall 2013).
- “What Makes Special-Education Teachers Special? Teacher Training and Achievement of Students with Disabilities” (with Li Feng). 36 *Economics of Education Review* 122-134 (October 2013).
- “Classroom Peer Effects and Student Achievement,” (with Mary A. Burke), 31 *Journal of Labor Economics* 51-82 (January 2013).
- “A Review of Stata Routines for Fixed Effects Estimation” (with Daniel F. McCaffrey, J.R. Lockwood and Kata Mihaly), 12 *Stata Journal* 406-432 (October 2012).
- “Comparison of the Value Added of Teachers in High-Poverty Schools and Teachers in Lower Poverty Schools” (with Li Feng, David Figlio, Jane Hannaway and Zeyu Xu), 72 *Journal of Urban Economics* 104-122 (September/November 2012).
- “The Productivity of Elected and Appointed Officials: The Case of School Superintendents (with Mark Partridge), 149 *Public Choice*, 133-149 (October 2011).
- “Teacher Training, Teacher Quality and Student Achievement” (with Douglas N. Harris), 95 *Journal of Public Economics* 798-812 (August 2011).
- “The Effects of Charter High Schools on Educational Attainment” (with Kevin Booker, Brian Gill and Ron Zimmer), 29 *Journal of Labor Economics* 377-415 (April 2011).
- “Centering and Reference Groups for Estimates of Fixed Effects: Modifications to *felsdvreg*” (with Kata Mihaly, Daniel F. McCaffrey and J.R. Lockwood), 10 *Stata Journal* 82-103 (2010).
- “The Inter-temporal Variability of Teacher Effect Estimates” (with Daniel F. McCaffrey, J.R. Lockwood and Kata Mihaly), 4 *Education Finance and Policy* 572-606 (Fall 2009).
- “The Effects of NBPTS-Certified Teachers on Student Achievement” (with Douglas Harris), 28 *Journal of Policy Analysis and Management* 55-80 (Winter 2009).
- “Charter Schools and Student Achievement in Florida,” 1 *Education Finance and Policy* 91-122 (Winter 2006).
- “The Competitive Effects of Exclusive Dealing: Evidence from the U.S. Beer Industry,” 23 *International Journal of Industrial Organization* 203-225 (April 2005).

Refereed Publications (cont.):

- “Minority Representation, Election Method, and Policy Influence” (with Stephen L. Mehay), 15 *Economics and Politics* 323-339 (November 2003).
- “Motorcycle Helmet Laws and Motorcyclist Fatalities” (with Paul R. Zimmerman), 18 *Journal of Regulatory Economics* 195-215 (November 2000).
- “Take My Course, Please: The Effect of the Principles Experience on Student Curriculum Choice” (with Gary M. Fournier), 31 *Journal of Economic Education* 323-339 (Fall 2000).
- “The Changing Impact of Electoral Structure on Black Representation in the South, 1970-1996” (with Bobby J. Pittman, Jr.), 104 *Public Choice* 369-388 (September 2000).
- “The Determinants of Hispanic Representation in Municipal Government,” 66 *Southern Economic Journal* 609-630 (January 2000).
- “Affirmative Action, Political Representation, Unions and Female Police Employment” (with Jennifer L. Troyer), 20 *Journal of Labor Research* 571-587 (Fall 1999).
- “The Efficiency Effects of Exclusive Territories: Evidence from the Indiana Beer Market” (with David S. Saurman), 34 *Economic Inquiry* 597-615 (July 1996).
- “Scope of Practice Regulation: Physician Control and the Wages of Non-Physician Health-Care Professionals” (with Mark W. Nichols), 9 *Journal of Regulatory Economics* 61-81 (January 1996).
- “Physician Ownership of Ancillary Services: Indirect Demand Inducement or Quality Assurance?” (with Jean M. Mitchell), 14 *Journal of Health Economics* 263-289 (October 1995).
- “The Voting Rights Act, District Elections, and the Success of Black Candidates in Municipal Elections” (with Stephen L. Mehay), 38 *Journal of Law and Economics* 367-392 (October 1995).
- “Advertising Restrictions and Concentration: The Case of Malt Beverages” (with David S. Saurman), 77 *Review of Economics and Statistics* 66-81 (February 1995).
- “The Theory and Estimation of Endogenous Zoning” (with J.M. Pogodzinski), 24 *Regional Science and Urban Economics* 601-630 (October 1994).
- “Mandated Exclusive Territories and Economic Efficiency: An Empirical Analysis of the Malt Beverage Industry” (with David S. Saurman), 36 *Journal of Law and Economics* 153-177 (April 1993).
- “Constitutional Choice in Representative Democracies,” 74 *Public Choice* 405-424 (December 1992).

Refereed Publications (cont.):

- “Zoning and Hedonic Housing Price Models” (with J.M. Pogodzinski), 1 *Journal of Housing Economics* 271-292 (September 1991).
- “The Choice of Municipal Government Structure and Public Expenditures,” 71 *Public Choice* 71-87 (August 1991).
- “Measuring the Effects of Municipal Zoning Regulations: A Survey” (with J.M. Pogodzinski), 28 *Urban Studies* 597-621 (August 1991).
- “The Market for Safety Regulation and the Effect of Regulation on Fatalities: The Case of Motorcycle Helmet Laws” (with J. Paul Leigh), 73 *Review of Economics and Statistics* 167-172 (February 1991).
- “Legislative Majorities as Non-salvageable Assets: Comment” (with David S. Saurman), 57 *Southern Economic Journal* 848-856 (January 1991).
- “The Economic Theory of Zoning: A Critical Review” (with J.M. Pogodzinski), 66 *Land Economics* 294-314 (August 1990).
- “The Allocation of Resources by Voting” (with Yoram Barzel), 105 *Quarterly Journal of Economics* 745-771 (August 1990).
- “Agency Cost, Firm Size, and Exclusive Dealing” (with Micha Gisser), 32 *Journal of Law and Economics* 381-400 (October 1989).
- “A Note on Optimal Price Cutting Behavior Under Demand Uncertainty,” 70 *Review of Economics and Statistics* 336-339 (May 1988).

Non-Refereed Publications:

- “Teacher Quality and Outcomes for Students with Disabilities” (with Curran A. Prettyman), Washington DC: Center for the Analysis of Longitudinal Data in Education Research (CALDER), Research Brief (October 2018).
- “The Unknown World of Charter High Schools” (with Kevin Booker, Brian Gill and Ron Zimmer), 10 *Education Next* 70-75 (Spring 2010).
- “High School Diploma and GED Attainment in Florida” (with Steven Cartwright), Washington DC: Center for the Analysis of Longitudinal Data in Education Research (CALDER), Research Note No. 1 (July 2008).
- “Review of 'Voices of Europe: Citizens, Referendums and European Integration' by Simon Hug,” 116 *Public Choice* 471-475 (September 2003).

Non-Refereed Publications (cont.):

- “The Anatomy of Political Representation” in *The Encyclopedia of Public Choice*, edited by Charles K. Rowley and Fritz Schneider. Dordrecht: Kluwer Academic Publishers, 2003.
- “Review of 'Dangerous Democracy: The Battle Over Ballot Initiatives in America' by Larry J. Sabato, Howard R. Ernst and Bruce A. Larson,” 114 *Public Choice* 494-498 (March 2003).
- “Mandated Exclusive Territories: Efficiency Effects and Regulatory Selection Bias” (with David S. Saurman) in *Advances in Applied Microeconomics*, vol. 10, edited by Michael R. Baye and Jon P. Nelson. Stamford, CT: JAI Press, 2001.
- “The Anatomy of Political Representation: Direct Democracy, Parliamentary Democracy and Representative Democracy” in *The Elgar Companion to Public Choice*, edited by William F. Shughart and Laura Razzolini. Cheltenham: Edward Elgar, 2001.
- “Review of 'How Much is Your Vote Worth?: The Unfairness of Campaign Spending Limits' by Filip Palda,” 88 *Public Choice* 427-430 (September 1996).
- “Review of 'Probabilistic Voting' by Peter Coughlin,” 78 *Public Choice* 202-204 (February 1994).
- “Review: T³ Scientific Word Processing System, Version 2.2,” 26 *Economic Inquiry* 181-182 (January 1988).
- “Demographic and Economic Characteristics of Non-beneficiary Widows: An Overview,” 42 *Social Security Bulletin* 3-14 (November 1979).

Working Papers:

- “The Gender Gap in STEM Attainment,” October 2018.
- “The Effects of Differential Pay on Teacher Recruitment and Retention” (with Carycruz Bueno), June 2018.
- “Understanding Racial and Ethnic Differences in STEM Attainment, July 2017.
- “Do the Cheated Ever Prosper? The Long-Run Effects of Test-Score Manipulation by Teachers on Student Outcomes” (with Jarod Apperson and Carycruz Bueno), CALDER working paper no. 155, March 2016.
- “Performance Estimates of Teach for America Teachers in Atlanta Metropolitan Area School Districts” (with Michael Hansen), CALDER working paper no. 145, October 2015.

Professional Presentations:

Conferences:

American Economic Association, American Education Finance Association, American Education Research Association, Association for Education Finance and Policy, Association for Public Policy and Management, Illinois Economics Association, Institute for Education Sciences, Lincoln Institute of Land Policy T.R.E.D., National Bureau of Economic Research Education Group, National Bureau of Economic Research Summer Institute, Public Choice Society, Southern Economic Association, University of Georgia Conference on Voting Rights, Western Economic Association

Invited University and Professional Presentations:

Clemson University, Federal Trade Commission, Harvard University, Indiana University, National Academies of Science, Naval Postgraduate School, New York University, Northwestern University, Stanford University, Tulane University, University of Arkansas, University of Florida, University of Georgia, University of Missouri, University of Virginia, OSEP Project Directors Meeting, Institute of Education Sciences.

Courses Taught:

Microeconomic Principles, Intermediate Microeconomics, Social Control of Business (undergraduate and graduate), Industrial Organization (undergraduate and graduate), International Trade, Applied Microeconomics (undergraduate and graduate), Economics of Education Policy.

Professional Service:

Associate Editor, *Journal of Human Resources*. (February 2016 - Present).

Editorial Board Member, *Educational Evaluation and Policy Analysis* (2012-2015).

Board Member, Association for Education Finance and Policy (2012-2014).

Reviewer of grant proposals for: Institute of Education Sciences. National Science Foundation, Smith Richardson Foundation, Spencer Foundation, Swiss National Science Foundation

Technical Expert Panel member for New York City Value-Added Data for Teachers Initiative, 2007.

Professional Service (cont.):

External reviewer for tenure and promotion candidates at the University of Connecticut (1996), New York University (2010), University of Missouri (2013), Georgetown University (2013), University of California at Riverside (2015), University of California at Davis (2016), University of Tulsa (2016), University of Southern California (2017), University of Maryland – Baltimore County (2017), Brown University (2018), Michigan State University (2018), University of Texas at Dallas (2018).

Referee for: *American Journal of Education, Antitrust Bulletin, American Economic Journal: Applied Economics, American Economic Review, B.E. Journal of Economic Analysis and Policy, Contemporary Economic Policy, Demography, Eastern Economic Journal, Economic Inquiry, Economic Journal, Education Economics, Economics of Education Review, Educational Evaluation and Policy Analysis, Educational Researcher, Education Finance and Policy, Education Next, Journal of Economic Education, Journal of Economic Studies, Journal of Educational and Behavioral Statistics, Journal of Housing Economics, Journal of Human Resources, Journal of Industrial Economics, Journal of Labor Economics, Journal of Law and Economics, Journal of Planning Education and Research, Journal of Policy Analysis and Management, Journal of Political Economy, Journal of Public Economics, Journal of Regional Analysis and Policy, Journal of Research on Educational Effectiveness, Journal of Risk and Insurance, Journal of School Choice, Journal of Urban Economics, Labour Economics, Public Choice, Public Finance Review, Quarterly Journal of Economics, Quarterly Journal of Economics and Business, Regional Science and Urban Economics, Review of Economics and Statistics, Review of Regional Studies, Social Science Quarterly, Social Science Research, Southern Economic Journal, Statistics Politics and Policy.*

Consulting Work:

Education Policy

- Analyzed the impacts of a remediation program on student outcomes for the Atlanta Public Schools.
- Conducted an analysis of the performance of charter schools for the Georgia State Charter Schools Commission.
- Provided technical assistance on value-added modeling to the New York State Department of Education.
- Provided technical assistance on value-added modeling to Charlotte-Mecklenberg Public Schools.
- Analyzed alternative methods of measuring teacher quality for the Florida Department of Education.
- Provided technical assistance on value-added modeling to DC Public Schools.
- Analyzed performance of teacher preparation program graduates in Florida for the National Academies of Science.
- Conducted an analysis of National Board certified teachers for the National Board for Certification of Teacher Excellence

Consulting Work (cont.):

Antitrust and Regulation

- Analyzed damages in patent infringement litigation in the stored-value card market.
- Prepared position paper on vertical control of beer distributors in South Africa.
- Analyzed impacts of lifting container-size restrictions in the Florida beer market.
- Analyzed damages in patent infringement litigation in the motorcycle market.
- Conducted an analysis of the economic impact of proposed changes in rules governing the licensure of interior designers in Florida.
- Constructed survey questionnaire and used resulting data to determine equity value generated by promotional efforts of beer wholesalers.
- Provided expert testimony in antitrust litigation involving the effects of physician control of health insurance on competition in the health care market.
- Analyzed competitive structure of the long distance telephone market in New Mexico

References:

Professor David Figlio, Orrington Lunt Professor of Education and Social Policy, Institute for Policy Research, Northwestern University, 2040 Sheridan Road, Evanston, IL 60208. Phone: 847-467-1503. E-mail: figlio@northwestern.edu

Professor Eric Hanushek, Paul and Jean Hanna Senior Fellow, Hoover Institution, Stanford University, Stanford, CA 94305-6010. Phone: 650-736-0942. Email: hanushek@stanford.edu.

Professor Helen Ladd, Edgar T. Thompson Distinguished Professor of Public Policy and Professor of Economics, Sanford School of Public Policy, 214A Sanford Building, Duke University, Box 90239, Durham, NC 27708-0239. Phone: 919-613-7352. Email: hladd@duke.edu