

Heather Rose

curriculum vita

School of Education
University of California, Davis
One Shields Avenue, Davis, CA 95616

Phone: 530-752-1407
Email: hmrose@ucdavis.edu
[Website Link](#)

EDUCATION

Ph.D., Economics, University of California, San Diego, June 2001.
M.A., Economics, University of California, San Diego, March 1997.
B.A., Economics, University of California, Berkeley, December 1993.
Education Abroad Program, Université de Pau et des Pays de L'Adour, France, 1991-1992.

EMPLOYMENT

Associate Professor, School of Education, University of California, Davis, 2011 – Present.
Assistant Professor, School of Education, University of California, Davis, 2008 – 2011.
Adjunct Fellow, Public Policy Institute of California, 2008 – Present.
Research Fellow, Public Policy Institute of California, 2000 – 2007.
Visiting Lecturer, University of California, Santa Barbara, Fall 2000.
Dissertation Fellow, Public Policy Institute of California, 1998 – 2000.

WORKING PAPERS

“School Staffing and Student Poverty in California: A Decade through the Great Recession and School Finance Reform” (with Margaret Weston).
“Racial Representation in the Classroom at Public Charter Elementary Schools Versus Traditional Public Elementary Schools” (with Audrey Boochever).

PUBLICATIONS

“School District Revenue and Student Poverty in California: A Decade through the Great Recession and School Finance Reform,” 2022, *Journal of Education Finance*, 47(2): 296-323.
“Prosperity or Hardship: Equity-Driven Education Funding in the Era of COVID-19” (with Patti F. Herrera), 2020, UC Davis Center for Poverty Research Policy Brief, 8(10).
“Serving the Underserved? Student Characteristics and Staffing Patterns in California Charter Schools,” (with Sherrie Reed), 2020, *Journal of School Choice*, 14(2):190-227.
“Lessons in charter school accountability: evidence from California” (with Sherrie Reed), 2018, *Journal of School Choice*, 2018, 12(3):355-381.
“Charter School Spending and Saving in California” (with Sherrie Reed), 2015, *Journal of School Choice*, 9(3):407-445.

PUBLICATIONS (continued)

California School District Revenue and Student Poverty: Moving Toward a Weighted Pupil Funding Formula (with Margaret Weston), 2013, Public Policy Institute of California, San Francisco, California.

"California's School Finance Reforms Target More Funding to Poor Students" (with Margaret Weston), 2013, UC Davis Center for Poverty Research Policy Brief, 2(2).

"Moving Toward a Coherent School Finance System," 2013, *Leadership*, 42(5):12-15.

"Financing California's Public Schools: Toward a Weighted Student Formula," in David Plank, ed., *Getting Down to Facts: Five Years Later*, Policy Analysis for California Education, May 2012, Stanford, California.

Funding Formulas for California Schools IV: An Analysis of Governor Brown's Weighted Pupil Funding Formula, May Budget Revision (with Jon Sonstelie and Margaret Weston), 2012, Public Policy Institute of California, San Francisco, California.

Funding Formulas for California Schools III: An Analysis of Governor Brown's Weighted Pupil Funding Formula, (with Jon Sonstelie and Margaret Weston), 2012, Public Policy Institute of California, San Francisco, California.

"Sleepiness, fatigue, and risk of obstructive sleep apnea using the STOP-BANG questionnaire in multiple sclerosis: a pilot study," (with Robert A. Dias, Kimberly A. Hardin, Heather Rose, Mark A. Agius, Michelle L. Apperson, and Steven D. Brass), 2012, *Sleep and Breathing*, 16(4): 1255-1265.

Pathways for School Finance in California (with Jon Sonstelie and Margaret Weston), 2010, Public Policy Institute of California, San Francisco, California.

"School Board Politics, School District Size, and the Bargaining Power of Teachers' Unions" (with Jon Sonstelie), 2010, *Journal of Urban Economics*, 67(3):438-450.

"A Portrait of Underrepresented Minorities at the University of California 1994-2008" (with Tongshan Chang), in Eric Grodsky and Michal Kurlaender, eds., *Equal Opportunity in Higher Education: The Past and Future of California's Proposition 209*, 2010, Harvard Education Press.

California School Finance Revenue Manual, (with Margaret Weston and Jon Sonstelie), 2009, Public Policy Institute of California, San Francisco, California.

"An Analysis of Professional Judgments" (with Jon Sonstelie), 2008, *Education Finance and Policy*, 3(2):151-164.

Funding Formulas for California Schools II: An Analysis of a Proposal by the Governor's Committee on Education Excellence, (with Ray Reinhard, Ria Sengupta, and Jon Sonstelie), 2008, Public Policy Institute of California, San Francisco, California.

Funding Formulas for California Schools: Simulations and Supporting Data, (with Ria Sengupta, Jon Sonstelie, and Ray Reinhard), 2008, Public Policy Institute of California, San Francisco, California.

Teacher Compensation and Local Labor Market Conditions in California: Implications for School Funding, (with Ria Sengupta), 2007, Public Policy Institute of California, San Francisco, California.

"Do Test Score Gains Explain Labor Market Outcomes?" 2006, *Economics of Education Review*, 25(4): 430-446.

PUBLICATIONS (continued)

School Resources and Academic Standards in California: Lessons from the Schoolhouse, (with Jon Sonstelie and Ray Reinhard), 2006, Public Policy Institute of California, San Francisco, California.

"The Effect of Affirmative Action Programs: Evidence from the University of California at San Diego," Fall 2005, *Educational Evaluation and Policy Analysis*, 27(3): 263-289.

"Has Curriculum Closed the Test Score Gap in Math?" 2004, *Topics in Economic Analysis & Policy*, 4(1): Article 12.

School Budgets and Student Achievement in California: The Principal's Perspective, (with Jon Sonstelie and Peter Richardson), 2004, Public Policy Institute of California, San Francisco, California.

"The Effect of High School Courses on Earnings" (with Julian Betts), 2004, *Review of Economics and Statistics*, 86(2): 497-513.

High Expectations, Modest Means: The Challenge Facing California's Public Schools, (with Jon Sonstelie, Ray Reinhard, and Sharmaine Heng), 2003, Public Policy Institute of California, San Francisco, California.

Math Matters: The Links Between High School Curriculum, College Graduation, and Earnings, (with Julian Betts), 2001, Public Policy Institute of California, San Francisco, California.

"The Concept of Adequacy and School Finance," in Jon Sonstelie and Peter Richardson, eds., *School Finance and California's Master Plan for Education*, 2001, Public Policy Institute of California, San Francisco, California.

Op Eds and Blog Posts

"Do Charter Schools Spend Revenue Differently than Traditional Public Schools?" (with Sherrie Reed) October 27, 2015, Policy Analysis for California Education Blog.

"Spending Roadblock: Base School Funding On Costs And Needs, Not Failed Formulas," February 19, 2005, The Riverside Press-Enterprise.

"Learning Lesson of Ballot Box Budgeting," October 2, 2003, The Sacramento Bee.

Limited Distribution Reports

"Earnings Gains from a College Education in California" in [Overview of Access and Affordability at UC Davis](#), the Final Report of the UC Davis Study Group on Access and Affordability, Office of the Provost and Executive Vice Chancellor at UC Davis, 2014.

"The State of Local Government Pensions: A Preliminary Inquiry" (with Tracy M. Gordon and Ilana Fischer), Prepared for The Effects of Pension Legacy Costs on Local Government Finance: Fiscal Benefit, Fiscal Illusion, and Fiscal Hangover conference held at the Lincoln Institute of Land Policy, Cambridge, MA, March 9, 2012.

"Potential Modifications to the Concentration Factor in the Governor's School Finance Formula" (with Aaron Smith), Prepared for the California Department of Finance, February 2012.

ALTERNATIVE MEDIA

PPIC School Finance Model: Interactive Excel Program, Data, and Instruction Manual, Version 4.1, (with Jon Sonstelie and Margaret Weston), Public Policy Institute of California, San Francisco, California, May 2012.

Simulation Model for California School District Funding Formulas: Interactive Excel Program and Instruction Manual, Version 2.3, (with Ray Reinhard, Ria Sengupta, and Jon Sonstelie), Public Policy Institute of California, San Francisco, California, January 2008.

TEACHING

Quantitative Methods in Educational Research: Analysis of Correlation and Regression (Ph.D.)

Advanced Quantitative Methods in Program Evaluation and Policy Analysis (Ph.D.)

Education Finance Policy (Ph.D. and Ed.D)

Formulating and Influencing Policy (Ed.D.)

Personal Finance (Undergraduate)

Personal Finance Course Videos ([Taxes](#), [Taxable Income](#), [Retirement Savings Accounts](#), [Health Insurance Overview](#))

GRANTS

Public Policy Institute of California, “Transitions to a Better School Finance System”, 2009

William and Flora Hewlett Foundation Grant, “General Support of PPIC’s Education Policy Research,” PI (with Max Neiman), 2007 – 2009.

Bill & Melinda Gates Foundation, William and Flora Hewlett Foundation, James Irvine Foundation, and Stuart Foundation Grant via the Institute for Research on Education Policy & Practice at Stanford University, “Teacher Compensation in California,” 2005.

William and Flora Hewlett Foundation Grant, “School Resources and Student Achievement in California,” co-PI with Jon Sonstelie, 2001 – 2004.

AWARDS

“Serving the Underserved? Student Characteristics and Staffing Patterns in California Charter Schools” won first runner-up for Patrick Wolf International School Choice and Reform Conference Best Paper Prize (2020).

“Lessons in charter school accountability: evidence from California” won the Fordham Institute Prize for Best Paper at the International School Choice and Reform Conference (2018).

“Charter School Spending and Saving in California” won the Fordham Institute Prizes for Best Paper Written by Junior Researchers and the Second-best Paper Overall at the International School Choice and Reform Conference (2015).

PRESENTATIONS (Recent)

Lessons in Charter School Accountability: Evidence from California, Annual International Conference on School Choice and Reform, January 2018 (presented by co-author student Sherrie Reed).

Through the Great Recession and LCFF: Teacher Layoffs, School Resources, and Student Poverty
UC Davis School of Education Brownbag Series, March 2017.

California School District Revenue and Student Poverty
League of Education Voters, Washington State Delegation to California, November 2016.

Charter School Spending and Saving in California
Annual International Conference on School Choice and Reform, January 2015 (presented by student Sherrie Reed).

Student Poverty, Test Scores, and School Funding
Solano County Summit on Women in Poverty, November 2014.

State Funding Formulas and Their Implicit Weights for Student Poverty
Annual Conference of the Association of Education Finance and Policy, March 2013 (presented by student Margaret Weston).

California School District Revenue and Student Poverty
Senate Budget and Fiscal Review Committee (Testimony), February 2013.

California School District Revenue and Student Poverty
Assembly Democratic Caucus Policy Summit, February 2013.

Does California's School Finance System Leave Poor Children Behind?
UC Davis Center for Poverty Research, October 2012.

California's School Finance System: Where Do We Go Now?
EdVoice Institute Symposium for State Assembly Candidates, July 2012.

Financing California's Public Schools: Toward a Weighted Student Formula
Policy Analysis for California Education Convening, May 2012.

Financing California Schools: Toward a Weighted-Student Approach
California Senate Committee on Budget and Fiscal Review Hearing, February 2012.