

# Justine S. Hastings

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## Education

Ph.D. in Economics, University of California at Berkeley (2001). Research specializations in Industrial Organization, Public Economics, Behavioral Economics.

M.S. in Agriculture and Resource Economics, University of California at Davis (1996).

B.A. in Economics with Mathematics minor, University of California at Davis. (1995).

## Employment

Amazon, Chief of People-centered Science, VP PXT Science.

University of Washington, Affiliate Professor of Economics.

Brown University, Professor of Economics and International and Public Affairs (July 2015- December 2020), tenured Associate Professor of Economics (July 2010-June 2015).

Yale University, Associate Professor of Economics (July 2008- June 2010), Assistant Professor of Economics (July 2003 – June 2008).

Dartmouth College, Assistant Professor of Economics (July 2001-June 2003).

## Leadership Positions

Research Associate, National Bureau of Economic Research, Program Affiliations in Industrial Organization, Public Economics, Aging, Education, Household Finance, and Energy and Environmental Economics. July 2003 – June 2023.

Founding Board Director, Research Improving People's Lives ([RIPL](#)), a non-profit research institute using data and science to improve policy and lives. April 2017 – Present.

Visiting Scholar, Amazon. 2018-2020.

Governor's Council of Economic Advisors, State of Rhode Island. May 2014 – May 2017.

Advisor, Academic Research Council for the United States Consumer Financial Protection Bureau (CFPB). May 2012 – June 2017.

## Editorial Positions

Co-Editor, *Journal of Public Economics*, January 2014-December 2015.

Editorial Board, *Journal of Economic Literature*, January 2012-2015.

Editor, *International Journal of Industrial Organization*, 2011 - 2013.

Co-Editor, *International Journal of Industrial Organization*, 2010 to May 2011.

Associate Editor, *International Journal of Industrial Organization*, 2009-2010.

## Research Publications

"Predicting Divertible Medicaid Emergency Department Costs." Hastings, Justine and Mark Howison. *Digital Government: Research and Practice*. 2022. v3(3): 19:1–19:19.

"The Causal Impact of Removing children from Abusive and Neglectful Homes." Bald, Anthony, Eric Chyn, Justine Hastings, and Margarita Machelett. *Journal of Political Economy*. 2022. Vol 130(7), pages 1919-1962.

“The Returns to early-life interventions for very low birth weight children.” Chyn, Eric, Samantha Gold, and Justine Hastings. *Journal of Health Economics*. 2021. Vol. 75(C).

“The Effect of SNAP on the composition of foods purchased: Evidence and implications.” Justine Hastings, Ryan Kessler, and Jesse Shapiro. *American Economic Journal: Economic Policy*. 2021. Vol. 13(3), pages 277-315.

“Delivering Unemployment Assistance in Times of Crisis: Scalable Cloud Solutions Can Keep Essential Government Programs Running and Supporting Those in Need.” Mintaka Angell et al. *ACM Digital Government: Research and Practice*. Vol. 2, No. 1. December, 2020.

“Advertising and Environmental Stewardship: Evidence from the BP Oil Spill.” Barrage, Lint, Eric Chyn, and Justine Hastings. *American Economic Journal: Economic Policy*. August, 2021. Vol. 13, no. 3 (pp. 277-315).

“Predicting High Risk Opioid Prescriptions Before they are Given.” Hastings, Justine, Mark Howison, and Sarah Inman. *Proceedings of the National Academy of Sciences*. January, 2020. DOI: 10.1073/pnas.1905355117.

“Integrating Administrative Data for Policy Insights.” Hastings, Justine, Mark Howison, Theodore Lawless, and John Uclés. *Communications of the ACM*. October, 2019. Cover Article.

“How Are SNAP Benefits Spent? Evidence from a Retail Panel.” Hastings, Justine, and Jesse M. Shapiro. *American Economic Review*. December, 2018.

“How Financial Literacy and Impatience Shape Retirement Wealth and Investment Behaviors,” with Olivia O. Mitchell. *Journal of Pension Economics and Finance*. August, 2018.

“Sales Force and Competition in Financial Product Markets: The Case of Mexico’s Social Security Privatization.” Hastings, Justine, Ali Hortaçsu, and Chad Syverson. *Econometrica*.

November, 2017.

“(Un)Informed College Choice: Evidence from Chile.” Hastings, Justine, Christopher Neilson, Anely Ramirez, and Seth Zimmerman. *Economics of Education Review*. April, 2016.

“Connecting Student Loans to Labor Market Outcomes: Policy Lessons from Chile.” Beyer, Harald, Justine Hastings, Christopher Neilson, and Seth Zimmerman. *American Economic Review*. May, 2015.

“School Choice and College Attendance: Evidence from Randomized Lotteries.” Deming, David, Justine Hastings, Thomas Kane and Douglas Staiger. *American Economic Review*. March, 2014.

“Fungibility and Consumer Choice: Evidence from Commodity Price Shocks.” Hastings, Justine, and Jesse M. Shapiro. *Quarterly Journal of Economics*. November, 2013. Lead Article and Editor’s Choice.

“The First of the Month Effect: Consumer Behavior and Store Responses.” Hastings, Justine, and Ebonya Washington. *American Economic Journal: Economic Policy*. May, 2010.

“Investigating Income Effects in Scanner Data: Do Gasoline Prices Affect Grocery Purchases?” Gicheva, Dora, Justine Hastings, and Sofia Villas-Boas. *American Economic Review*. May, 2010.

“Information, School Choice and Academic Achievement: Evidence from Two Experiments.” Hastings, Justine, and Jeffrey M. Weinstein. *Quarterly Journal of Economics*. November, 2008.

“Reformulating Competition? Gasoline Content Regulation and Wholesale Gasoline Prices.” Brown, Jennifer, Justine Hastings, Erin Mansur, and Sofia Villas-Boas. *Journal of Environmental Economics and Management*. January, 2008.

“The Effect of Randomized School Admissions on Voter Participation.” Hastings, Justine, Thomas Kane, Douglas Staiger, and Jeffrey M. Weinstein. *Journal of Public Economics*. June, 2007.

“Gender, Performance and Preferences: Do Girls and Boys Respond Differently to School Environment? Evidence from School Assignment by Randomized Lottery.” Hastings, Justine, Thomas Kane, and Douglas Staiger. *American Economic Review*. May, 2006.

“Vertical Integration in Gasoline Supply: An Empirical Test of Raising Rivals' Costs.” Hastings, Justine, and Richard J. Gilbert. *Journal of Industrial Economics*. December, 2005.

“Vertical Relationships and Competition in Retail Gasoline Markets: Empirical Evidence from Contract Changes in Southern California.” Hastings, Justine. *American Economic Review*. March, 2004.

“Abatement, Consumption, Capital, and Pollution Accumulation in an Optimal Program.” Ghassemi, Justine, and Michael R. Caputo. *Pacific and Asian Journal of Energy*. Vol. 7 (1), 1997 (Senior Honors Thesis, UC Davis).

## Working Papers

“The Impact of Voter Identification Laws on Voter Participation: Evidence from Rhode Island.” Esposito, Francesco, Diego Focanti, and Justine Hastings. NBER Working Paper w25503.

“Are Some Degrees Worth More than Others: Evidence from College Admission Cutoffs in Chile.” Hastings, Justine, Christopher Neilson and Seth Zimmerman. NBER Working Paper w19241.

“The Effect of School Choice on Intrinsic Motivation and Academic Outcomes.” Hastings, Justine, Christopher Neilson and Seth Zimmerman. NBER Working Paper w18324.

“Fettered Consumers and Sophisticated Firms: Evidence from Mexico's Privatized Social Security Market.” Hastings, Justine, and Fabian Duarte. NBER Working paper w18582.

“Financial Literacy, Information, and Demand Elasticity: Survey and Experimental Evidence from Mexico.” Hastings, Justine, and Lydia Tejada-Ashton. NBER Working Paper No. 14538.

“Heterogeneous Preferences and the Efficacy of Public School Choice.” Hastings, Justine, Thomas Kane, and Douglas Staiger. Combines and replaces National Bureau of Economic Research Paper Working Papers No. 12145 and No. 11805.

## Book Chapters and Other Publications

“Fact-Based Policy: How Do States and Local Governments Accomplish It?” Hastings, Justine. January 2019. Brookings Institution Press.

“What is a But-For World?” Hastings, Justine, and Michael A. Williams. *Antitrust* (2016), vol. 31, pp. 102-108.

“Financial Literacy, Financial Education and Economic Outcomes.” Hastings, Justine, Brigitte C. Madrian, and William L. Skimmyhorn. *Annual Review of Economics*. January 2013.

“Fees, Framing, and Financial Literacy in the Choice of Pension Manager.” Hastings, Justine, Olivia S. Mitchell, and Eric Chyn. In *Financial Literacy: Implications for Retirement Security and the Financial Marketplace*, 2011. Eds. O.S. Mitchell and A. Lusardi. Oxford: Oxford University Press: 101-115.

Review of *Nudge: Improving Decisions about Health, Wealth, and Happiness*, by Richard H. Thaler and Cass R. Sunstein, Yale University Press (2008). *Journal of Economic Literature*. December (2009).

## Grants and Awards

The National Science Foundation, *Unlocking the Power of Data and Science to Empower American Workers*. Co-Principal

Investigator, with Susan Athey, Eric Chyn, Jonah Rockoff, and Seth Zimmerman.

The William T. Grant Foundation, Rhode to College: Evaluation of a Program to Increase College Enrollment Among Low-Income Students. Principal Investigator.

The Chan Zuckerberg Initiative, The Rhode to College: Effectively Increasing College-going Among Disadvantaged Youth. Principal Investigator.

The United States Social Security Administration Research Grant, Income, Benefits and Retirement Among Low-Income Households: New Evidence from Linked Administrative Records in Rhode Island. Principal Investigator. 2018-2019.

The Russell Sage Foundation, The Impact of Paid Maternity Leave: Evidence from Temporary Disability Insurance in Rhode Island. Co-Principal Investigator with Eric Chyn. 2017-2019.

Center for Equitable Growth, The Impact of Paid Maternity Leave: Evidence from Temporary Disability Insurance in Rhode Island. Co-Principal Investigator with Eric Chyn. 2017-2019.

National Science Foundation Grant, The Effect of SNAP Receipt on Household Behavior and Well-being: Evidence and Economic Interpretation. Co-Principal Investigator with Jesse M. Shapiro. 2017-2020.

The Smith Richardson Foundation, The Rhode Island Innovative Policy Lab. Principle Investigator. 2017-2019.

United States Social Security Administration Research Grant, Behavioral Economics and the Monthly Food Cycle Among Retirees: New Evidence from Linked Administrative Records in Rhode Island. Principal Investigator, 2016-2017.

United States Social Security Administration Research Grant, Does Health Insurance Access Affect DI/SSI Outcomes?

Analyzing Which Factors Impact Outcomes Using the RIPL Relational Database. Principal Investigator, 2016-2017.

Robert Wood Johnson Foundation, Improving Measurement Precision in Evaluating the Impact of the Supplemental Nutrition Assistance Program on Nutrition and Families' Food Expenditures. Co-Principal Investigator with Jesse Shapiro. 2016-2018.

Russell Sage Foundation, The Effect of SNAP on Food Purchases and Family Nutrition. Co- Principal Investigator with Jesse M. Shapiro. 2016-2017.

United States Social Security Administration Research Grant, Disability Insurance Use and Impacts: New Evidence from Linked Administrative Records in Rhode Island. Principal Investigator, 2015-2016.

Laura and John Arnold Foundation, Home Visiting in Rhode Island. Co- Investigator with Emily Oster (PI). 2015-2019.

Laura and John Arnold Foundation, Rhode Island Innovative Policy Lab. Principal Investigator, 2015-2018.

Russell Sage Foundation, Mental Accounting and Fungibility of Money: Evidence from a Retail Panel. Co- Principal Investigator with Jesse M. Shapiro. 2015-2016.

National Bureau of Economic Research Pilot Grant (National Institute of Health sub-award), Measuring the Impact of Parental Education on Childhood and Family Outcomes. 2013.

United States Social Security Administration Research Grant, The Impact of Risk and the Financial Crisis on Investor Perceptions of Privatized Social Security and Retirement Planning. Principal Investigator, 2011-2013.

United States Social Security Administration Research Grant, Investor Decisions and the Financial Crisis in a Privatized Social Security Market. Principal Investigator, 2009-2010.

MacArthur Foundation How Housing Matters to Families and Communities Grant. Estimating the Impact of Housing Subsidies on Family Outcomes: Evidence from Mexico's Housing Subsidy Programs. Principal Investigator, 2011-2014.

National Bureau of Economic Research Pilot Grant (National Institute of Health sub-award), "Health Literacy and Preventative Health Care: Survey and Experimental Interventions in Mexico's Public Health Care System." Principal Investigator. 2011.

National Bureau of Economic Research Pilot Grant (National Institute of Health sub-award), "Consumer Choice and Firm Response in a Privatized Social Security Market." Principal Investigator. 2008-2009.

National Institute of Health Grant Number R01AG032411-01A2, Social Security Privatization: Investment Choice, Competition and Field Experiments in Mexico, Principal Investigator. 2009-2014.

United States Social Security Administration Research Grant, Financial Literacy, Short-run Impatience, and the Determinants of Savings and Financial Management. Co-Investigator (with Olivia Mitchell), 2009-2010.

United States Social Security Administration Research Grant, Investor Decisions and the Financial Crisis in a Privatized Social Security Market. Principal Investigator. 2009-2010.

United States Social Security Administration Research Grant, Fund Choices in a Private Accounts System: Implications for Disparities in Wealth at Retirement. Principal Investigator. 2008-2009.

Smith Richardson Foundation Grant, Preferences, Information, and Parents' Choice Behavior in Public School Choice. Principal Investigator. 2006-2008.

United States Department of Education Grant for Research in Education Finance, Leadership, and Management. Co-Investigator with Thomas Kane and Douglas Staiger. 2004-2009.

National Science Foundation Grant, Estimating Demand with Consumer Heterogeneity: An Application to Wholesale Price Regulation in Retail Gasoline Markets. Principal Investigator. 2003-2005.