

Curriculum Vita - David Card
May 2019

Business Address: Department of Economics
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University of California Berkeley
Berkeley, CA 94720-3880

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Citizenship: U.S. and Canada

Current Positions: Class of 1950 Professor of Economics
Director, Center for Labor Economics (CLE)
Director, Econometrics Laboratory (EML)

Previous Positions: Assistant Professor of Business Economics
Graduate School of Business
University of Chicago, 1982-83

Assistant Professor of Economics
Princeton University, 1983-87

Professor of Economics
Princeton University, 1987-1997

Visiting Professor of Economics
Columbia University, 1990-91

Fellow, Center for Advanced Study in
Behavioral Sciences, 1996-97

Visiting Professor of Economics
Princeton University, 2000-2001

Visiting Professor of Economics
Harvard University, 2008

Director Labor Studies Program
National Bureau of Economic Research, 2008-2017

Education: Queen's University (Kingston), B.A. 1978
Princeton University, Ph.D. 1983

Editorial Positions: Co-editor **American Economic Review**, 2002 - 2005.
Co-editor **Econometrica**, 1993-97
Associate Editor **Journal of Labor Economics** 1988-92

- Editorial Boards: **Journal of Population Economics**, 2001-
AEJ: Applied Economics, 2007-
Quarterly Journal of Economics, 2008-
- Awards and Prizes: Doctor of Laws (Honoris Causa) HEC University of Montreal, 2019
Jacob Mincer Award, Society of Labor Economists, 2019
Doctor of Laws (Honoris Causa) University of Ottawa, 2017
Doctor of Laws (Honoris Causa) University of Guelph, 2015
BBVA Foundation Frontiers of Knowledge Award, 2015
J.K. Galbraith Fellow, American Academy of Political
and Social Science, 2013
Frisch Medal, 2007 (for 2005 paper in **Econometrica** with D. Hyslop)
UC Berkeley Distinguished Service Award, 2007
IZA Prize in Labor Economics, 2006
Fellow, Society of Labor Economics, 2004
Doctor of Laws (Honoris Causa) Queen’s University (Kingston), 1999
John Bates Clark Prize, American Economic Assoc., 1995
Fellow, American Academy of Arts and Sciences, 1998
Douglas Purvis Prize, 1994
Fellow of the Econometric Society, 1992
Manufacturers Hanover Preceptorship, Princeton Univ., 1983-88
Prince of Wales Prize, Queen's University, 1978
- Invited Lectures: Condliffe Lecture, University of Canterbury, June 2014
Arrow Lectures, Stanford University, May 2013
Lampman Lecture, University of Wisconsin Madison, May 2013
Woytinsky Lecture, University of Michigan, March 2012.
Snyder Lecture, UC Santa Barbara, April 2011.
Ely Lecture, American Economic Association, January 2009
Woodward Lecturer, University British Columbia, March 2008.
Dennis Sargan Lecture to Royal Economic Society, 2006.
Adam Smith Lecture to European Labor Economics Association, 2006.
Fisher-Schultz Lecture to Econometric Society, 2002.
Alfred Marshall Lecture, Cambridge University, 2000.
- Advisory Boards: National Academy of Science Committee on Nat. Statistics (2012-2015)
“What Works Clearinghouse” Expert Panel Review (Chair),
US Department of Education, October 2008.
AEA Representative to US Census Advisory Committee, 1991-96
Statistics Canada Advisory Committee, 1990-2002
Advisory Council, ICPSR, 1994-96.
Joint Center for Poverty Research, 1997-99

Advisory Boards (con't): National Research Council Institute of Medicine Board on Children, Youth and Families, 1998-2001.
 RWI – Essen Advisory Board, 2005-2011.
 Comitato Scientifico Labor, Laboratorio R. Revelli, 2006-2009.

Selected Review Panels and Assignments: National Institute of Health, Social Sciences, Nursing, Epidemiology, and Methods (SNEM) Review Panel, 1998-2003
 Russell Sage Foundation Immigration Advisory Committee, 1999- 2001.
 Government of Spain Severo Ochoa Program (2014)

Professional Societies: Elected member of the Council, Econometric Society, 2007-2012
 Elected President of Society of Labor Economics for 2010/11
 President of Western Economics Association for 2015/2016
 Elected Vice President of American Economic Association for 2014/2015

Books:

(co-edited with Steven Raphael). *Immigration, Poverty, and Socioeconomic Inequality*. New York: Russell Sage Foundation, 2013.

(co-authored with Alan B. Krueger; edited by Randall Akee and Klaus Zimmerman). *Wages, School Quality, and Employment Demand*. Oxford: Oxford University Press, 2011.

(co-edited with Orley Ashenfelter) *Handbook of Labor Economics* (volumes 4a-4b). Amsterdam: Elsevier, 2011.

(co-edited with Alan Auerbach and John Quigley). *Poverty, the Distribution of Income, and Public Policy*. New York: Russell Sage Foundation, 2006.

(co-edited with Richard Blundell and Richard B. Freeman) *Seeking a Premier Economy*. Chicago: University of Chicago Press for NBER, 2004.

(co-edited with Rebecca M. Blank) *Finding Work: Jobs and Welfare Reform*. New York: Russell Sage Foundation, 2000.

(co-edited with Orley Ashenfelter) *Handbook of Labor Economics* Volumes 3a-3c. Amsterdam: Elsevier, 1999.

(co-authored with Alan B. Krueger) *Myth and Measurement: The New Economics of the Minimum Wage*. Princeton: Princeton University Press, 1995. Second Edition 2016.

(co-edited with Richard B. Freeman). *Small Differences that Matter: Labor Markets and Income Maintenance in Canada and the United States*. Chicago: University of Chicago Press, 1993.

Journal Articles and Chapters in Books:

(with Stefano Della Vigna). "What Do Editors Maximize? Evidence from Four Leading Economics Journals." Review of Economics and Statistics, forthcoming 2019.

(with Thomas Lemieux and W. Craig Riddell). "Unions and Wage Inequality: The Roles of Gender, Skill, and Public Service Employment." Canadian Journal of Economics, forthcoming 2019.

(with Jochen Kluge and Andrea Weber). "What Works? A Meta Analysis of Recent Active Labor Market Program Evaluations." Journal of the European Economic Association 16 2018.

(with Ana Rute Cardoso, Joerg Heining, and Patrick Kline). "Firms and Labor Market Inequality: Evidence and Some Theory." Journal of Labor Economics 36 January 2018.

(with Stefan Bender, Nicolas Bloom, John Van Reenen, and Stephani Wolter). "Management Practices, Workforce Selection, and Productivity." Journal of Labor Economics 36 January 2018.

(with Zhuan Pei, David S. Lee and Andrea Weber). "Regression Kink Design: Theory and Practice." Advances in Econometrics .38, 2017.

(with Laura Giuliano). "Can Universal Screening Increase the Representation of Low Income and Minority Students in Gifted Education?" Proceedings of the National Academy of Science 113, November 2016.

(with Laura Giuliano). "Can Tracking Raise the Test Scores of High-Ability Minority Students?" American Economic Review October 2016.

(with Ana Rute Cardoso and Patrick Kline). "Bargaining, Sorting, and the Gender Wage Gap: Quantifying the Impact of Firms on the Relative Pay of Women." Quarterly Journal of Economics May 2016.

(with David S. Lee, Zhuan Pei and Andrea Weber). "Inference on Causal Effects in a Generalized Regression Kink Design." Econometrica 83, November 2015.

(with Andrew Johnson, Pauline Leung, Alexandre Mas and Zhuan Pei). "The Effect of Unemployment Benefits on the Duration of UI Receipt: New Evidence from a Regression Kink Design in Missouri: 2003-2013." American Economic Review 105, May 2015.

(with Laura Giuliano). "Peer Effects and Multiple Equilibria in the Risky Behavior of Friends." Review of Economics and Statistics, 95 October 2014.

(with Stefano Della Vigna). "Page Limits on Economics Articles: Evidence from Two Journals." Journal of Economic Perspectives 28 Summer 2014.

(with Francesco Devicienti and Agata Maida). "Rent Sharing, Holdup, and Wages: Evidence from Matched Panel Data." Review of Economic Studies 84, January 2014.

(with Jörg Heining and Patrick Kline). "Workplace Heterogeneity and the Rise of West German Wage Inequality." Quarterly Journal of Economics, 128 August 2013.

(with Stefano Della Vigna). "Nine Facts About Top Journals in Economics." Journal of Economic Literature, March 2013.

(with Alexandre Mas, Enrico Moretti, and Emmanuel Saez). "Inequality at Work: The Effect of Peer Salaries on Job Satisfaction." American Economic Review, October 2012.

(with Ana Rute Cardoso). "Can Compulsory Military Service Increase Civilian Wages? Evidence from the Peacetime Draft in Portugal." American Economic Journal: Applied Economics, October 2012.

(with Christian Dustmann and Ian Preston). "Immigration, Wages, and Compositional Amenities." Journal of the European Economic Association, February 2012.

(with Pablo Ibarrraran, Ferdinando Regalia, David Rosas and Yuri Soares). "The Labor Market Impacts of Youth Training in the Dominican Republic: Evidence from a Randomized Evaluation." Journal of Labor Economics, April 2011.

(with Alexandre Mas and Jesse Rothstein). "Are Mixed Neighborhoods Always Unstable? Two-sided and One-sided Tipping." In Harriet Newburger, Eugenie Birch and Susan M. Wachter, editors, *Neighborhood and Life Chances*. Philadelphia: University of Pennsylvania Press, 2011.

(with Stefano Della Vigna and Ulrike Malmendier. "The Role of Theory in Field Experiments". Journal of Economic Perspectives, Summer 2011.

"Origins of the Unemployment Rate: The Lasting Legacy of Measurement without Theory." American Economic Review, May 2011.

(with Gordon B. Dahl). "Family Violence and Football: The Effect of Unexpected Emotional Cues on Violent Behavior." Quarterly Journal of Economics, March 2011.

(with Michael Ransom). "Pension Plan Characteristics and Framing Effects in Employee Savings Behavior." Review of Economics and Statistics, January 2011.

(with Jochen Kluge and Andrea Weber). "Active Labor Market Policy Evaluations: A Meta-Analysis." Economic Journal Features, November 2010.

(with A. Abigail Payne and Martin Dooley). "School Competition and Efficiency with Publicly-Funded Catholic Schools." American Economic Journal: Applied Economics, 2 (October 2010).

(with Kevin Hallock and Enrico Moretti). "The Geography of Giving: The Effect of Corporate Headquarters on Local Charities." Journal of Public Economics, 94 (April 2010).

(with Dean Hyslop). "The Dynamic Effects of an Earnings Subsidy for Long-term Welfare Recipients:

Evidence from the SSP Applicant Experiment.” Journal of Econometrics 153 (November 2009).

(with Carlos Dobkin and Nicole Maestas). “Does Medicare Save Lives?” Quarterly Journal of Economics, 124 (May 2009).

“Immigration and Inequality”. American Economic Review 99 May 2009.

(with Brian McCall). “When to Start a Fight and When to Fight Back: Workers' Compensation Liability Denials and Disputes.” Journal of Labor Economics, 27 (April 2009).

“How Immigration Affects U.S. Cities.” In Robert Inman, editor *Urban Enigma: City Problems, City Prospects*. Princeton NJ: Princeton University Press, 2009.

(with Carlos Dobkin and Nicole Maestas). “The Impact of Nearly Universal Insurance Coverage on Health Care Utilization: Evidence from Medicare”. American Economic Review, 98 December 2008.

(with Rebecca Blank). “The Changing Incidence and Severity of Poverty Spells Among Female-Headed Families.” American Economic Review 98 (May 2008).

(with Alexandre Mas and Jesse Rothstein). “Tipping and the Dynamics of Segregation.” Quarterly Journal of Economics, 123 (February 2008).

(with David S. Lee). “Regression Discontinuity Inference with Specification Error.” Journal of Econometrics, 142 (February 2008).

(with Jesse Rothstein). “Racial Segregation and the Black-White Test Score Gap.” Journal of Public Economics, 91 (December 2007).

(with Raj Chetty and Andrea Weber). “Cash-on-Hand and Competing Models of Intertemporal Behavior: New Evidence from the Labor Market.” Quarterly Journal of Economics, 122 (November 2007).

(with Enrico Moretti). “Does Voting Technology Affect Election Outcomes? Touch-Screen Voting and the 2004 Presidential Election.” Review of Economics and Statistics, 89 (November 2007).

(with Raj Chetty and Andrea Weber). “The Spike at Benefit Exhaustion: Leaving the Unemployment System or Starting a New Job?” American Economic Review, 97 (May 2007).

(with Ethan G. Lewis). “The Diffusion of Mexican Immigrants During the 1990s: Explanations and Impacts.” In George Borjas, editor, *Mexican Immigration to the United States*. University of Chicago Press, 2007.

(with Sara de la Rica). “The Effect of Firm-Level Contracts on the Structure of Wages: Evidence from Matched Employer-Employee Data.” Industrial and Labor Relations Review, October 2006.

“Is the New Immigration Really So Bad?” Economic Journal 115 (November 2005).

(with Dean R. Hyslop). "Estimating the Effects of a Time-Limited Earnings Subsidy for Welfare Leavers." Econometrica, 73 (November 2005).

(with Alan B. Krueger). "Would the Elimination of Affirmative Action Affect Highly Qualified Minority Applicants? Evidence from California and Texas." Industrial and Labor Relations Review 58 (April 2005).

(with Philip Robins). "How Important Are Entry Effects in Financial Incentive Programs for Welfare Recipients? Experimental Evidence from the Self-Sufficiency Project." Journal of Econometrics 125 (March-April 2005).

(with Charles Michalopoulos and Philip K. Robins). "When Financial Incentives Pay for Themselves: Evidence from a Randomized Social Experiment for Welfare Recipients." Journal of Public Economics 89 (January 2005).

(with Lara D. Shore-Sheppard). "Using Discontinuous Eligibility Rules to Identify the Effects of the Federal Medicaid Expansions." Review of Economics and Statistics, 86 (August 2004).

(with Andrew K. G. Hildreth and Lara Shore-Sheppard). "The Measurement of Medicaid Coverage in the SIPP: Evidence from California, 1990-1996." Journal of Business and Economic Statistics, 22 (October 2004).

(with Thomas Lemieux and W. Craig Riddell). "Unions and Wage Inequality." Journal of Labor Research, 25 (Fall 2004). Reprinted in James T. Bennett and Bruce E. Kaufman, editors, *What Do Unions Do? A Twenty Year Retrospective*. New Brunswick NJ: Transaction Publishers, 2007.

(with Richard B. Freeman). "What Have Two Decades of British Economic Reform Delivered?" In Richard Blundell, David Card, and Richard B. Freeman, editors, *Seeking a Premier League Economy*. Chicago: University of Chicago Press for NBER, 2004

"Canadian Emigration to the United States." In Charles Beach, editor, *Canadian Immigration Policy for the 21st Century*. Kingston, Ontario: John Deutsch Institute for the Study of Economic Policy, 2003.

(with Thomas Lemieux and W. Craig Riddell). "Unions and the Wage Structure." In John T. Addison and Claus Schnabel, editors, *The International Handbook of Trade Unions*. Cheltenham, UK: Edward Elgar, 2003.

(with John E. DiNardo). "Skill Biased Technical Change and Rising Wage Inequality: Some Problems and Puzzles." Journal of Labor Economics 20 (October 2002).

(with Orley Ashenfelter). "Did the Elimination of Mandatory Retirement Affect Faculty Retirement Flows?" American Economic Review 92 (September 2002).

(with A. Abigail Payne). "School Finance Reform, the Distribution of School Spending, and the Distribution of SAT Scores." Journal of Public Economics 83 (January 2002).

(with Thomas Lemieux). "Education, Earnings, and the Canadian G.I. Bill." Canadian Journal of Economics 34 (May 2001).

"Estimating the Return to Schooling: Progress on Some Persistent Econometric Problems." Econometrica 69 (September 2001).

(with Thomas Lemieux). "Can Falling Supply Explain the Rising Return to College for Younger Men? A Cohort-Based Analysis." Quarterly Journal of Economics 116 (May 2001).

(with Thomas Lemieux). "Going to College to Avoid the Draft: The Unintended Legacy of the Vietnam War." American Economic Review 91 (May 2001).

"Immigrant Inflows, Native Outflows and the Local Labor Market Impacts of Higher Immigration." Journal of Labor Economics 19 (January 2001).

"The Effect of Unions on Wage Inequality in the U.S. Labor Market." Industrial and Labor Relations Review 54 (January 2001).

"Welfare Reform and the Labor Market Outcomes of Women." In Paul Ong and James R. Lincoln, editors, *The State of California Labor*. Berkeley CA: Institute of Industrial Relations, 2001.

(with Thomas Lemieux). "Dropout and Enrollment Trends in the Post-War Period: What Went Wrong in the 1970s?" In Jonathan Gruber, editor, *Risky Behavior Among Youth: An Economic Analysis*. Chicago: University of Chicago Press, 2000.

(with Alan Krueger). "A Re-analysis of the Effect of the New Jersey Minimum Wage with Representative Payroll Data." American Economic Review 90 (December 2000).

(with John E. DiNardo). "Do Immigrant Inflows Lead to Native Outflows?" American Economic Review 90 (May 2000).

(with Rebecca M. Blank and Philip K. Robins). "Financial Incentives for Increasing Work and Income Among Low-Income Families." In Rebecca M. Blank and David Card, editors, *Finding Work: Jobs and Welfare Reform*. New York: Russell Sage Foundation, 2000.

(with Phillip Levine). "Extended Benefits and the Duration of UI Spells: Evidence from the New Jersey Extended Benefit Program." Journal of Public Economics 78 (October 2000).

(with John E. DiNardo and Eugena Estes). "The More Things Change: Immigrants and the Children of Immigrants in the 1940s, the 1970s, and the 1990s." In George J. Borjas, editor, *Issues in the Economics of Immigration*. Chicago: University of Chicago Press, 2000.

"The Causal Effect of Education on Earnings". In Orley Ashenfelter and David Card, editors, *Handbook of Labor Economics* Volume 3A. Amsterdam: Elsevier, 1999.

(with Francis Kramarz and Thomas Lemieux). "Changes in the Relative Structure of Wages and Employment: A Comparison of the United States, Canada, and France." Canadian Journal of Economics 32 (August 1999).

(with Thomas Lemieux). "Adapting to Circumstances: The Evolution of Work, School, and Living Arrangements Among North American Youth." In David Blanchflower and Richard Freeman, editors, *Youth Employment and Joblessness in Advanced Countries*. Chicago: University of Chicago Press, 1999.

(with Philip Robins). "Do Financial Incentives Encourage Welfare Recipients to Work? Evidence from a Randomized Evaluation of the Self-Sufficiency Project". In Solomon Polachek, editor, Research in Labor Economics vol. 17. Greenwich Connecticut: JAI Press, 1998.

(with Alan Krueger). "School Resources and Student Outcomes." Annals of the American Academy of Political and Social Sciences 559 (September 1998).

(with Thomas Lemieux). "Recent Trends in the Economic Status of North American Youth". Annual Proceedings of the Industrial Relations Research Association (December 1997).

"Deregulation and Labor Earnings in the Airline Industry." In James Peoples, editor, *Regulatory Reform and Labor Markets*. Norwell, MA: Kluwer Academic Publishers, 1997.

(with W. Craig Riddell). "Unemployment in Canada and the United States: A Further Analysis". In B. Curtis Eaton and Richard Harris, editors, *Trade, Technology, and Economics: Essays in Honour of Richard G. Lipsey*. Brookfield MA: Edward Elgar, 1997.

(with Dean Hyslop). "Does Inflation 'Grease the Wheels of the Labor Market'?" In Christina D. Romer and David H. Romer, editors, *Reducing Inflation: Motivation and Strategy*. University of Chicago Press, 1997.

(with Alan Krueger). "School Resources and Student Outcomes: An Overview of the Literature and New Evidence from North and South Carolina". Journal of Economic Perspectives 10 (Fall 1996).

(with Thomas Lemieux). "Wage Dispersion, Returns to Skill, and Black-White Wage Differentials". Journal of Econometrics 74 (October 1996).

(with Alan Krueger). "Labor Market Effects of School Quality: Theory and Evidence". In Gary Burtless, editor, *The Link Between Schools, Student Achievement, and Adult Success*. Washington D.C.: Brookings Institution, 1996.

(with Brian McCall). "Is Workers' Compensation Covering Uninsured Medical Costs? Evidence from the 'Monday Effect'". Industrial and Labor Relations Review 49 (July 1996).

"The Effect of Unions on the Structure of Wages: A Longitudinal Analysis." Econometrica 64 (July 1996).

"Earnings, Schooling, and Ability Revisited." In Solomon Polachek, editor, Research in Labor Economics,

vol. 14. Greenwich Connecticut: JAI Press, 1995.

(with Alan Krueger). "The Economic Return to School Quality: A Partial Survey." In William Baumol and William E. Becker, editors, *Assessing Educational Practices: The Contribution of Economics*. Cambridge, Massachusetts: MIT Press, 1995.

"Using Geographic Variation in College Proximity to Estimate the Return to Schooling". In L.N. Christofides, E.K. Grant, and R. Swidinsky, editors, *Aspects of Labor Market Behaviour: Essays in Honour of John Vanderkamp*. Toronto: University of Toronto Press, 1995.

(with Alan Krueger). "Time-Series Minimum Wage Studies: A Meta-Analysis." *American Economic Review* 85 (May 1995).

(with Craig Olson). "Bargaining Power, Strike Durations, and Wage Outcomes: An Analysis of Strikes in the 1880s." *Journal of Labor Economics* 13 (January 1995).

(with Alan Krueger). "Minimum Wages and Employment: A Case Study of the Fast Food Industry in New Jersey and Pennsylvania." *American Economic Review* 84 (September 1994).

(with Richard Freeman). "Small Differences that Matter: Canada Versus the United States." In Richard B. Freeman, editor, *Working Under Different Rules*. New York: Russell Sage Foundation, 1994.

(with Thomas Lemieux). "Changing Wage Structure and Black-White Wage Differentials." *American Economic Review* 84 (May 1994).

"Intertemporal Labor Supply: An Assessment." In Christopher Sims, editor, *Advances in Econometrics, Sixth World Congress*. New York: Cambridge University Press, 1994.

(with Phillip Levine). "Unemployment Insurance Taxes and the Cyclical Properties of Employment and Unemployment." *Journal of Public Economics* 53 (February 1994).

(with Rebecca Blank). "Poverty, Income, and Growth: Are They Still Connected?" *Brookings Papers on Economic Activity*, 2 (Fall) 1993.

(with W. Craig Riddell). "A Comparative Analysis of Unemployment in the United States and Canada." In David Card and Richard B. Freeman, editors, *Small Differences that Matter: Labor Markets and Income Maintenance in Canada and the United States*. Chicago: University of Chicago Press, 1993.

(with Alan Krueger). "Trends in Relative Black-White Earnings Revisited." *American Economic Review* 83 (May 1993).

"Do Minimum Wages Reduce Employment? A Case Study of California, 1987-89." *Industrial and Labor Relations Review* 46 (October 1992).

"Using Regional Variation in Wages to Measure the Effects of the Federal Minimum Wage." Industrial and Labor Relations Review 46 (October 1992).

(with Alan Krueger). "Does School Quality Matter: Returns to Education and the Characteristics of Public Schools in the United States." Journal of Political Economy 100 (February 1992).

(with Alan Krueger). "School Quality and Black-White Relative Earnings: A Direct Assessment." Quarterly Journal of Economics 107 (February 1992).

(with Rebecca Blank). "Recent Trends in Insured and Uninsured Unemployment: Is There An Explanation?" Quarterly Journal of Economics 106 (November 1991).

(with Kristin Butcher). "Immigration and Wages: Evidence from the 1980s." American Economic Review 81 (May 1991).

(with Joseph Altonji). "The Effects of Immigration on the Labor Market Outcomes of Less-Skilled Natives." In John Abowd and Richard B. Freeman, editors., *Immigration, Trade and Labor*. Chicago: University of Chicago Press, 1991.

"Minimum Wages and the Teenage Labor Market: A Case Study of California, 1987-89." Annual Proceedings of the Industrial Relations Research Association (December 1990).

"Labor Supply with a Minimum Hours Threshold." Carnegie Rochester Conference on Public Policy 33 (Autumn 1990).

"Strikes and Wages: A Test of An Asymmetric Information Model." Quarterly Journal of Economics 105 (August 1990).

"Unexpected Inflation, Real Wages, and Employment Determination in Union Contracts." American Economic Review 80 (September 1990).

"Strikes and Bargaining: A Survey of the Recent Empirical Literature." American Economic Review 80 (May 1990).

"The Impact of the Mariel Boatlift on the Miami Labor Market." Industrial and Labor Relations Review 43 (January 1990).

(with John Abowd). "On the Covariance Structure of Earnings and Hours Changes." Econometrica 57 (March 1989).

"Longitudinal Analysis of Strike Activity." Journal of Labor Economics 6 (April 1988).

(with Daniel Sullivan). "Measuring the Effect of Subsidized Training Programs on Movements In and Out of Employment." Econometrica 56 (May 1988).

(with John Abowd). "Intertemporal Labor Supply and Long Term Employment Contracts." American Economic Review 77 (March 1987).

"Efficient Contracts with Costly Adjustment: Short Run Employment Determination for Airline Mechanics." American Economic Review 76 (December 1986).

"The Impact of Deregulation on the Employment and Wages of Airline Mechanics." Industrial and Labor Relations Review 39 (July 1986).

(with Orley Ashenfelter). "Why Have Unemployment Rates in Canada and the United States Diverged?" Economica 53 (Supplement 1986).

"An Empirical Model of Wage Indexation Provisions in Union Contracts." Journal of Political Economy 94 (June 1986).

(with Orley Ashenfelter). "Using the Longitudinal Structure of Earnings to Estimate the Effect of Training Programs." Review of Economics and Statistics 67 (November 1985).

"Microeconomic Models of Wage Indexation." Annual Proceedings of the Industrial Relations Research Association (December 1984).

"Cost of Living Escalators in Major Union Contracts." Industrial and Labor Relations Review, 37 (October 1983).

(with Orley Ashenfelter). "Time Series Representations of Economic Variables and Alternative Models of the Labor Market." Review of Economic Studies, 69 (September 1982).

Unpublished Papers:

(With Stefano Della Vigna, Patricia Funk, and Nagore Iriberry). "Are Editors in Economics Gender Neutral?" Unpublished Manuscript, December 2018.

(With Dean Hyslop). "Female Earnings Inequality: The Changing Role of Family Characteristics on the Extensive and Intensive Margins." NBER Working Paper Number 25387, December 2018.

(With Francois Gerard, Lorenzo Lagos and Edson Severnini). "Assortative Matching or Exclusionary Hiring? The Impact of Firm Policies on Racial Wage Differences in Brazil." NBER Working Paper Number 25176, October 2018.

(With Ciprian Domnisoru and Lowell Taylor). "The Intergenerational Transmission of Human Capital: Evidence from the Golden Age of Upward Mobility." NBER Working Paper Number 25000, September 2018.

(With Alessandra Fenizia and David Silver). "The Health Effects of Cesarean Delivery for Low-Risk First Births." NBER Working Paper Number 24493, April 2018.

(with A. Abigail Payne). "High School Choices and the Gender Gap in STEM." NBER Working Paper Number 23769, September 2017.

(with Nicole Maestas and Patrick Purcell). "Labor Market Shocks and Early Social Security Benefit Claiming." Working Paper 2014-317. Michigan Retirement Research Center.

(with Zhuan Pei, David S. Lee and Andrea Weber). "Local Polynomial Order in Regression Discontinuity Designs." Working Paper 2014-47. Brandeis University Department of Economics. October 2014.

(with Laura Giuliano). "Does Gifted Education Work? For Which Students?" NBER Working Paper Number 204553, September 2014.

(with David S. Lee, Zhuan Pei, and Andrea Weber). "Inference on Causal Effects in a Generalized Regression Kink Design." IZA Working Paper 8757, January 2015.

(with Pablo Ibarraán and Juan Miguel Villa) Miguel. "Building in an Evaluation Component for Active Labor Market Programs: A Practitioner's Guide." IZA Discussion Paper 6085, 2011.

(with Thomas Lemieux). "Did Draft Avoidance Raise College Attendance During the Vietnam War?" UC Berkeley Center for Labor Economics Working Paper 46, February 2002.

(with Philip K. Robins and Charles Michalopoulos). "The Limits to Wage Growth: Measuring The Growth Rate of Wages for Recent Welfare Leavers". NBER Working Paper No. 8444, August 2001.

"Reforming the Financial Incentives of the Welfare System". IZA Discussion Paper No. 172. Institute for the Study of Labor (IZA), Bonn Germany.

"The Effect of Unions on the Level and Distribution of Wages: A Longitudinal Analysis." Princeton University Industrial Relations Section Working Paper Number 287, July 1991, revised March 1995.

"Supply and Demand in the Labor Market." Princeton University Industrial Relations Section Working Paper Number 228, November 1987.

(with Orley Ashenfelter). "Using Longitudinal Data to Measure Minimum Wage Effects." Center for Labour Economics, London School of Economics Discussion Paper, September 1981.

Published Reviews and Comments:

"Introduction: A Good Start? Determinants of Initial Labor Market Success." Journal of Labor Economics 37 January 2019.

(with Orley Ashenfelter). "Introduction to Special Issue in Honor of Robert J. Lalonde" Journal of Labor Economics 35 July 2017.

(with Giovanni Peri). "Immigration Economics by George J. Borjas – A Review". Journal of Economic Literature, December 2016.

(with Alexandre Mas). "Introduction to Special Issue on Labor Markets in the Great Recession." Journal of Labor Economics 34, January 2016.

L'évaluation des Politiques Actives du Marché du Travail: Quels Enseignements? Travail et Emploi 139, Juillet-Septembre 2014.

"The Elusive Search for Negative Wage Impacts of Immigration" Journal of the European Economic Association, February 2012.

Comment on Robert A. Moffitt, "Demographic Change and Public Assistance Expenditures." In Alan Auerbach, editor, *Demographic Change and Fiscal Policy*. New York: Cambridge University Press, 2000.

"The Research Contributions of Thomas Lemieux." *Canadian Journal of Economics* 31 (October 1998): 975-984.

"The Wage Curve: A Review." Journal of Economic Literature 33 (June 1995).

(with Lawrence Katz and Alan Krueger). Comment on David Neumark and William Wascher, "Employment Effects of Minimum and Subminimum Wages: Panel Data on State Minimum Wage Laws". Industrial and Labor Relations Review 47 (April 1994).

Review of Michael Goldfield's *The Decline of Organized Labor in the United States*. Journal of Economic History 49 (December 1989).

Review of H. Gregg Lewis' *Union Relative Wage Effects: A Survey*. Journal of Economic Literature, 25 (March 1987).

(with Henry Farber). "Comments on Semi-Parametric Estimation of Employment Duration Models," by Joel Horowitz and George Neumann. Econometric Reviews, (1988).

Comments on "Empirical Tests of Labor Market Equilibrium: An Evaluation," by J. Heckman and T. MaCurdy. Carnegie Rochester Conference Series on Public Policy, 28 (Spring 1988).

Comments on "Macroeconomic Performance and the Disadvantaged," by Lawrence Katz and David Cutler. Brookings Papers on Economic Activity Number 2, 1991.