The Effects of the California Competes Tax Credit on Interstate Job and Business Reallocation

Project time frame: January 1, 2022 – December 31, 2022

Funding request: $15,000

Matthew Freedman, Ben Hyman, David Neumark (PI)

The Issue

The California Competes Tax Credit (CCTC) represents a new generation of local economic development policies. CCTC has replaced enterprise zones as California's principal local economic development tool. Innovative features of CCTC that make it potentially promising include a large discretionary component, and the ability to recapture tax credits if job creation goals are not met.[1] Evidence from household data on employment creation in areas of the state where credits were awarded points to positive employment effects with multipliers well in excess of 1 (Freedman et al., 2021).[2] We are currently completing research on the effects of the CCTC on business location and job creation, based on confidential Census data as well as the National Establishment Time-Series (NETS).[3]

However, even if a local economic development policy is effective at attracting businesses to or creating jobs in the targeted areas, the beneficial effects may occur largely at the expense of other jurisdictions. This is not just hypothetical. There is evidence from the enterprise zone literature (for other countries) that reallocation of economic activity is significant, and perhaps enough to offset the net positive effects in targeted areas that are sometimes found (Givord et al., 2013; Mayer et al., 2017; Papke, 1993; Einio and Overman, 2020).

There may be little net welfare gain from the reallocation of economic activity across different areas, as such welfare gains typically require either non-linearities in agglomeration or particular types of market frictions (see Glaeser and Gottlieb, 2008; Kline and Moretti, 2014; and Neumark and Simpson, 2015). And even if these conditions to exist, it is not clear policymakers know how to effectively exploit them. Rather, local politicians may engage in tax competition with other areas to reap the economic (and political) gains from job and business creation or relocation that comes at the expense of other jurisdictions. In view of the potentially wasteful nature of the billions of dollars worth of business incentives state local governments offer every year, there have been some legislative efforts to curtail the use of such tax breaks and subsidies (NYT Editorial Board, 2019; Hohman, 2021).

On the other hand, tax credits or other incentives to create businesses or jobs can have net positive effects, by reducing the cost of hiring or the cost of capital (or via other incentives). Such programs do not inherently or necessarily result only in reallocation. By studying how economic development incentives affect both the targeted areas *and* non-targeted areas, we can gain an understanding of these tradeoffs in the context of the particular policy we study, and perhaps obtain some generalizable evidence on the relative magnitudes of job/business creation effects vs. reallocation effects.

This question is of significant policy importance, and there are features of the CCTC that enable us to obtain evidence on interjurisdictional effects that is impossible to obtain from other research on local economic development programs. There is a great deal of evidence on such programs – most notably, but not exclusively, enterprise zones. This research almost uniformly uses double- or triple-difference research designs that estimate the *relative* effect of tax credits or other incentives on the areas targeted by the credits, whether within a state (e.g., Neumark and Kolko, 2010) or across states (e.g., Ham et al., 2011). These research designs, by construction, cannot identify *absolute* effects of the policies on job

[1] The tax credits provided under the CCTC are fairly large. The mean winning applicant in our data received roughly $850,000 in tax credits. The interquartile range among winners is between $80,000 and $800,000. Tax credits are capped at $10 million per applicant, though only about 20% of winners receive greater than $1 million in credits. Roughly $150 million per year were available for tax credit allocation from 2013-14 to 2017-18 (our sample period).

[2] This research was funded by the Arnold Foundation.

[3] We cannot yet discuss the findings as they have not yet gone through Census disclosure. And our NETS analysis is not yet complete.

creation (or business location, although jobs are more typically the focus of study).[4] Although these kinds of analyses typically study whether there are spillovers on nearby areas – by defining areas adjacent to the treated areas as themselves treated – they cannot identify net effects on both treated and untreated areas. The same is true of border design types of studies (like Billing, 2009) which by their nature estimate only local effects, or by other research designs that identify effects from policy (rather than border) discontinuities (like Freedman, 2012).

Research Project

Our work to date on the CCTC has been solely on impacts on jobs (and businesses) in California. However, the CCTC has a mechanism that encourages interjurisdictional competition. In particular, program administrators can favor projects that claim (and can help establish) that they would create jobs in other states in the absence of a CCTC award, but in California as a consequence of a CCTC award. Thus, we are requesting support to fund a stand-alone analysis of the impacts of CCTC on business location and job creation in both California *and other states*.

By using business-level data that links establishments in the same firm, and exploiting CCTC program features to construct compelling counterfactuals for behavior in the absence of CCTC awards, we can estimate the effects of CCTC awards on business location and job creation *or destruction* in other states. In the household data studied in Freedman et al. (2021), there is no way to study such reallocation, which is why we focus only on effects in California. And our currently-funded work using business data is intended to be fully complementary to this prior household data analysis, by studying effects on business location and job creation in California. The new project for which we are requesting funding substantially broadens our focus, to determine whether the principal effect of tax credits awarded under CCTC is to encourage gross job creation that is roughly equal to net job creation in California, or whether instead CCTC awards principally lead to the reallocation of business and jobs from other states to California.

Our research exploits CCTC program rules, which create a discontinuous jump in the probability of winning a tax credit along an arbitrary (and unpredictable) eligibility threshold dictated by the total amount of credits available for allocation. This discontinuity generates quasi-random assignment of credits to businesses that we can use to examine their effects on job creation and business location. Specifically, businesses apply to the Governor's Office of Business and Economic Development (GO-Biz), which administers the CCTC, specifying how much tax credit they need to achieve specific commitments for hiring and investments in California. The tax credits are awarded based on a two-stage competitive process. The first stage relies on a quantitative evaluation of the projected costs and benefits of the tax credit allocation to an applicant. For each application, a cost-benefit ratio is calculated by dividing the amount of tax credit requested by the sum of total new employee compensation and total capital investment in the state. Program administrators rank the applications by cost-benefit ratios, from lowest to highest. They then impose a cutoff for the first stage of the process by moving up the cost-benefit distribution until the total costs of all included applications is two times the budgeted amount for that wave of applications.

The second stage involves a more comprehensive evaluation of each application that makes the first-stage cutoff (including some exceptions), with program administrators selecting among these applications those that are most consistent with program goals (e.g., bringing jobs to struggling areas). This is accompanied by the negotiation of agreements with applicants about specific requirements or milestones that must be met to receive the credits by GO-Biz. These agreements are then either approved or rejected by the CCTC Committee in a public meeting. If approved, businesses have five years to meet their milestones and claim their credits. Compliance is monitored by the CA Competes office, which requires annual reports from participating businesses, and the Franchise Tax Board (FTB), which can recover tax credits if companies fail to meet reporting requirements.

[4] In the most common setting, one can see this formally because common year effects that apply to both treated and untreated areas absorb any aggregate effects of the policy, but these aggregate effects cannot be separated from other sources of aggregate changes in both treated and untreated areas.

The design of the application process and the selection mechanism lends itself ideally to a regression discontinuity (RD) design. We have already established very strong evidence of a first-stage; having a score below the cutoff (which is measured as costs relative to benefits) generates a sharp discontinuity in the probability of receiving funding.

The CCTC applies to all businesses. However, the Governor's Office of Business and Economic Development (GO-Biz), which administers the CCTC, also categorizes applicants across four types: (1) California growth projects for firms already located in the state; (2) out-of-state applicants proposing to come to California; (3) California retention for projects threatening to leave the state; and (4) projects relocating within California.[5] We intend to incorporate into our analysis heterogeneity in effects both inside and outside California depending on this categorization of projects.

We have matched CCTC applicants to the Longitudinal Business Database (LBD) and the Economic Censuses using tax ids, working with GO-Biz to utilize confidential data on CCTC applicants and awardees, and using the confidential Census data in Census RDCs. We are also matching CCTC applicants to the NETS based on company names and locations, which allows for work with non-confidential data. With both data sets, we can measure employment growth, business entry and exit, and business relocation

Importantly, because we can use an RD design (rather than a double- or triple-difference design), and because we can estimate effects on all establishments of any firm that applies or receives an award, we can estimate effects of the CCTC both within California and outside California. This is what gives us leverage to study the interjurisdictional effects of the CCTC. In particular, we can examine whether any increase in business activity in California as a result of a CCTC award is at the expense of activity elsewhere in the country by the same firm.

There is a limitation. We can estimate effects on firms that apply for and are (or are not) awarded CCTC tax credits. We can identify spillover effects on other firms in locations where CCTC credits are awarded. However, while we will be able to identify adverse effects of CCTC incentives in California on economic activity at non-California establishments of the same firms, we do not know, counterfactually, at which establishments outside of California jobs would otherwise have been created. However, we will be able to provide some evidence on the states and industries adversely affected by the CCTC, based on the location of affected firms' establishments.

Timeline and deliverables

The project will result in a complete analysis of the effect of the CCTC on interstate reallocation of businesses and jobs, by the end of the funding year. Although this analysis builds on other research we are doing on the effects of the CCTC on businesses and jobs *in* California, the interstate effects constitute a separate research project. Our intention is that the funded project constitute a stand-alone paper. Some of the analysis may also be integrated into a larger paper on the many facets of the effects of the CCTC, but if the evidence points to strong reallocation effects that substantially offset the employment gains in California, we will commit to a separate paper that emphasizes this issue and the evidence, so that the effects of reallocation from interjurisdictional competition is not lost in the evidence of what is likely to be – based on our evidence from household data – strongly beneficial effects within California.

Because the proposed research builds on work we have already done to study the effects of CCTC on businesses and jobs in California, the relatively modest funds requested in the current proposal will be sufficient to fund this add-on project.

[5] The CCTC is in principle available to service-sector industries. The program's mandate is to increase competitiveness across all sectors of the state economy. In the discretionary phase of awarding credits (Phase II), the strategic importance of certain industries are considered, with a particular focus on attracting and retaining "high-value employers in California in industries with high economic multipliers and that provide their employees good wages and benefits." See
https://www.business.ca.gov/Portals/0/CA%20Competes/Docs/CaliforniaCompetesFAQ.pdf

References

Billings, Stephen. 2009. "Do Enterprise Zones Work? An Analysis at the Borders." *Public Finance Review*, Vol. 37, pp. 68-93.

Einio, Elias, and Overman, Henry. 2020. "The Effects of Supporting Local Business: Evidence from the UK," *Regional Science and Urban Economics*, Vol. 83, 103500.

Freedman, Matthew. 2012. "Teaching New Markets Old Tricks: The Effects of Subsidized Investment on Low-Income Neighborhoods," *Journal of Public Economics*, Vol. 96, pp. 1000-14.

Freedman, Matthew, David Neumark, and Shantanu Khanna. 2021. "Combining Rules and Discretion in Development Policy: Evidence on the Impacts of the California Competes Tax Credit." NBER Working Paper No. 28594.

Givord, Pauline, Rathelot, Roland, Sillard, Patrick. 2013. "Place-Based Tax Exemptions and Displacement Effects: An Evaluation of the *Zones Franches Urbaines* Program." *Regional Science and Urban Economics* Vol. 43, pp. 151-63.

Glaeser, Edward L., and Joshua D. Gottlieb. 2008. "The Economics of Place-Making Policies." NBER Working paper No. 14373.

Ham, John, Imrohoroglu, Ayse, and Charles Swenson. 2011. "Government Programs Can Improve Local Labor Markets: Evidence from State Enterprise Zones, Federal Empowerment Zones and Federal Enterprise Communities." *Journal of Public Economics*, Vol. 95, pp. 779-97.

Hohman, James. 2021. "Opinion: States Use Tax Incentives to Lure Companies. Bipartisan Support is Growing to Stop It. *Washington Post*, July 19.

Kline, Patrick and Enrico Moretti. 2014. "People, Places, and Public Policy: Some Simple Welfare Economics of Local Economic Development Programs." *Annual Review of Economics*, Vol. 6, pp. 629-62.

Mayer, Thierry, Mayneris, Florian, Py, Loriane. 2017. "The Impact of Urban Enterprise Zones on Establishment Location Decisions and Labor Market Outcomes: Evidence from French ZFUs." *Journal of Economic Geography*, Vol. 17, pp. 709-752.

Neumark, David, and Jed Kolko. 2010. "Do Enterprise Zones Create Jobs? Evidence from California's Enterprise Zone Program." *Journal of Urban Economics*, Vol. 68, pp. 1-19.

Neumark, David, and Helen Simpson. 2015. "Place-Based Policies." *Handbook of Regional and Urban Economics*, *Vol. 5*. G. Duranton, J. V. Henderson, and W. C. Strange, Eds., pp. 1197-287. Amsterdam: Elsevier.

NYT Editorial Board, 2019. "Can States Just Say No to Corporate Giveaways?" *New York Times*, July 9.

Papke, Leslie. 1993. "What Do We Know About Enterprise Zones?" *Tax Policy and the Economy*, Vol. 7, pp. 37-72.

Budget	
	1/1/22 to 12/31/22
PERSONNEL	
B. OTHER PERSONNEL	
One (1) Graduate Student Researchers, TBN	
1 Quarter (Fall 2022) Step V at 50%	$ 8,164
1.3 months (Summer 2022), Step V at 50%	$ 3,359
TOTAL PERSONNEL	*$ 11,523*
FRINGE BENEFITS	
GSR at 1.7% (Fall 2022)	$ 139
GSR at 1.7% (Summer 2022)	$ 57
TOTAL FRINGE BENEFITS	*$ 196*
TOTAL SALARY AND FRINGE BENEFITS	$ 11,719
OTHER DIRECT COSTS	
OTHER COSTS	
Tuition/Fees (1 quarter) - 50% fees cost shared by SS Grad	$ 3,187
GAEL/EPL 0.82%	$ 94
TOTAL OTHER COSTS	*$ 3,281*
TOTAL OTHER DIRECT COSTS	$ 3,281
TOTAL DIRECT COSTS	$ 15,000
F&A COSTS at 0%	$ -
TOTAL PROJECT COSTS	$ 15,000

February 2021

MATTHEW FREEDMAN

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Irvine, California 92697
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PROFESSIONAL APPOINTMENTS

Current

Professor, Department of Economics, University of California-Irvine, 2019-Present

Executive Director, California Federal Statistical Research Data Center (FSRDC) at the University of California-Irvine, 2017-Present

Previous

Associate Professor, Department of Economics, University of California-Irvine, 2016-2019

Associate Professor, School of Economics, Drexel University, 2014-2016

Associate Professor, Department of Economics, Cornell University, 2013-2014

Visiting Assistant Professor, Business Economics and Public Policy Department, Wharton School, University of Pennsylvania, 2013-2014

Assistant Professor, Department of Economics, Cornell University, 2007-2013

Visiting Associate Research Scholar, Industrial Relations Section, and Visiting Assistant Professor, Department of Economics, Princeton University, 2011-2012

EDUCATION

Ph.D. Economics, University of Maryland-College Park, 2007

M.A. Economics, University of Maryland-College Park, 2004

B.A. Economics and English, *Summa Cum Laude*, Emory University, 2000

RESEARCH

Published Papers

"Is Your Lawyer a Lemon? Incentives and Selection in the Public Provision of Criminal Defense" (with A. Agan and E. Owens), **Review of Economics and Statistics**, forthcoming.

"Understanding Socioeconomic Disparities in Travel Behavior during the COVID-19 Pandemic" (with R. Brough and D. Phillips), **Journal of Regional Science**, forthcoming.

"The Rise and Effects of Homeowners Associations" (with W. Clarke), **Journal of Urban Economics**, 2019, 112: 1-15.

"Why Has Urban Inequality Increased?" (with N. Baum-Snow and R. Pavan), **American Economic Journal: Applied Economics**, 2018, 10: 1-42.

"Immigration, Employment Opportunities, and Criminal Behavior" (with E. Owens and S. Bohn), **American Economic Journal: Economic Policy**, 2018, 10: 117-151.

"Supply-Side Subsidies to Improve Food Access and Dietary Outcomes" (with A. Kuhns), **Urban Studies**, 2018, 55: 3234-3251.

"Persistence in Industrial Policy Impacts: Evidence from Depression-Era Mississippi," **Journal of Urban Economics**, 2017, 102: 34-51.

"Your Friends and Neighbors: Localized Economic Development and Criminal Activity" (with E. Owens), **Review of Economics and Statistics**, 2016, 98(2): 233-253.

"The Urban Density Premium across Establishments" (with R. J. Faberman), **Journal of Urban Economics**, 2016, 93: 71-84.

"Low-Income Housing Development, Poverty Concentration, and Neighborhood Inequality" (with T. McGavock), **Journal of Policy Analysis & Management**, 2015, 34(4):805-834.

"Who Benefits from Environmental Regulation? Evidence from the Clean Air Act Amendments" (with A. Bento and C. Lang), **Review of Economics and Statistics**, 2015, 97(3): 610-622.

"Place-Based Programs and the Geographic Dispersion of Employment," **Regional Science and Urban Economics**, 2015, 53: 1-19.

"The Criminal Justice Response to Policy Interventions: Evidence from Immigration Reform" (with S. Bohn and E. Owens), **American Economic Review, Papers & Proceedings**, 2015, 105(5): 214-219.

"Agency and Compensation: Evidence from the Hotel Industry" (with R. Kosová), **Journal of Law, Economics, and Organization**, 2014, 30(1): 72-103.

"Targeted Business Incentives and Local Labor Markets," **Journal of Human Resources**, 2013, 48(2): 311-344.

"Teaching New Markets Old Tricks: The Effects of Subsidized Investment on Low-Income Neighborhoods," **Journal of Public Economics**, 2012, 96(11-12): 1000-1014.

"Decomposing the Sources of Earnings Inequality: Assessing the Role of Reallocation" (with F. Andersson, E. Davis, J. Lane, B. McCall, and L. Sandusky), **Industrial Relations**, 2012, 51(4): 779-810.

"Agglomeration, Product Heterogeneity, and Firm Entry" (with R. Kosová), **Journal of Economic Geography**, 2012, 12(3): 601-626.

"Low-Income Housing Development and Crime" (with E. Owens), **Journal of Urban Economics**, 2011, 70(2-3): 115-131.

"Reaching for the Stars: Who Pays for Talent in Innovative Industries?" (with F. Andersson, J. Haltiwanger, J. Lane, and K. Shaw), **Economic Journal**, 2009, 119(538): F308-332.

"Product Market Competition and Human Resource Practices: An Analysis of the Retail Food Sector" (with E. Davis, J. Lane, B. McCall, N. Nestoriak, and T. Park), **Industrial Relations**, 2009, 48(2): 350-371.

"Job Hopping, Earnings Dynamics, and Industrial Agglomeration in the Software Publishing Industry," **Journal of Urban Economics**, 2008, 64(3): 590-600.

Working Papers

"Quasi-Experimental Evidence on the Effects of Expanding Cash Welfare" (with Y. Kim).

"The Effects of Opportunity Zones on Zone Residents" (with S. Khanna and D. Neumark)

"Combining Rules and Discretion in Place-Based Policy: Evidence on the Impacts of the California Competes Tax Credit" (with S. Khanna and D. Neumark)

"Subsidized Housing Investment, Neighborhood Interactions, and Local Amenities: Evidence from a Tax Credit Lottery" (with W. Clarke).

Technical Papers and Other Work

"Past Work Experience and Earnings Trajectories of Single Mothers" (with F. Andersson, J. Lane, and S. Hauan), Study Commissioned by the U.S. Department of Health and Human Services, 2012.

"Lost Jobs and Health Insurance: An Analysis of the Impact of Employment Volatility on Firm-Provided Health Insurance Coverage" (with F. Andersson, I. Bolvig, and J. Lane), **Applied Economics**, 2011, 43(23): 3051-3073.

"New Approaches to Creating Data for Economic Geographers" (with J. Lane and M. Roemer), **Journal of Official Statistics**, 2008, 24(1): 133-156.

"LEHD OnTheMap Technical Documentation" (with F. Andersson, M. Roemer, and L. Vilhuber), U.S. Census Bureau, LEHD Technical Paper DATA-OTM-2.0.3, 2008.

"Supermarket Human Resource Practices and Competition from Mass Merchandisers" (with E. Davis, J. Lane, B. McCall, N. Nestoriak, and T. Park), **American Journal of Agricultural Economics**, 2006, 88(5): 1289-1295.

PRESENTATIONS

Invited Seminars

University of Southern California, University of British Columbia, UC-Davis, UC-Santa Cruz, UC-Riverside, University of Georgia, Georgia State University, USDA, Marquette, Washington & Lee, UC-Irvine, Wagner School, UNC-Charlotte, Wharton School, Swarthmore, Federal Reserve Bank of Cleveland, Drexel, Lincoln Institute of Land Policy, Temple, Syracuse, LSE, Cornell, University of British Columbia, Rochester, Princeton, Federal Reserve Bank of Philadelphia, UC-Berkeley, University of Minnesota-Twin Cities, Kellogg School, California State University-Fullerton, Claremont McKenna

Conference Presentations

All-CA Labor Conference, Allied Social Sciences Association Conference, Association of Collegiate Schools of Planning Conference, Association for Public Policy Analysis and Management Conference, Census RDC Conference, Eastern Economic Association Conference, Lusk Center Annual Research Symposium, National Tax Association Conference, Population Association of America Conference, Singapore Conference on Public Policy Evaluation, Society of Labor Economists Meetings, Southern Economic Association Conference, Urban Economics Association Meetings, Urban Institute NMTC Roundtable, Western Economic Association Conference

TEACHING EXPERIENCE

Undergraduate Teaching

Public Economics	UC Irvine – Winter 2017, Winter 2018, Winter 2019, Winter 2020, Winter 2021 Wharton – Spring 2014 Swarthmore College External Examiner – Spring 2014
Intermediate Micro	Drexel – Winter 2015, Spring 2015, Winter 2016 Wharton – Fall 2013
Labor Economics	Drexel – Winter 2015, Winter 2016 Cornell – Fall 2007, Spring 2008, Fall 2008, Spring 2009, Fall 2009, Spring 2011 U. of Maryland-College Park – Summer 2006
Personnel Economics	Cornell – Spring 2009, Spring 2010, Spring 2011, Fall 2012, Spring 2013

Graduate Teaching

Public Economics (Ph.D.)	UC Irvine – Spring 2017, Spring 2019, Spring 2020
Economics of Gov't (MPP)	UC Irvine – Winter 2020, Winter 2021
Labor Economics (Ph.D.)	Cornell – Fall 2008, Fall 2009, Spring 2013
Managerial Econ. (MBA)	Wharton – Fall 2014

GRADUATE ADVISING

Current Students

Committee Chair:	Derek Christopher, Yoonjung Kim, Taylor Mackay, Mahima Vasishth
Committee Member:	Kyung nok Chun, Kyle Colangelo, Daniel Firoozi, Zhonying Gan, Daniel Ganz, Aria Golestani, Sidra Haye, Shantanu Khanna, Kyle Kole, Bei Liao, Molly Maloney, Jaclyn Rosenquist, Zarak Sohail, Hina Usman

Former Students (Initial Placements)

Committee Chair:	Neil Bennett (U.S. Census Bureau), Gonzalo Dona (Norwegian University of Science and Technology), Andy Zanazanian (Joint Committee on Taxation)
Committee Member:	Ian Schmutte (University of Georgia), Corey Lang (University of Rhode Island), Felice Klein (Michigan State University), Maggie Jones (U.S. Census Bureau), Sonali Das (International Monetary Fund), Ying Wang (Analysis Group), Kevin Roth (University of California-Irvine), Xin Jin (University of South Florida), Kara Dimitruk (Stellenbosch University), Nagwa Khordagui (U.S. Department of Transportation), Alexander Luttman (MITRE Corporation), Cody Nehiba (Louisiana State University), Nikki Hozouri (Food and Drug Administration), Alex Parrett (Google), Maysen Yen (Office of the Comptroller of the Currency), Alexandra Marr (Federal Housing Finance Agency)

GRANTS, PROJECTS, AND AWARDS

Arnold Foundation Grant, 2019-2021 $215,510
"Effect of Transit Subsidies on FTAs"
Co-Principal Investigators: D. Ho and D. Phillips

Smith Richardson Foundation Grant, 2019-2021 $144,658
"The Effects of the California Competes Tax Credit on Job Creation and Businesses"
Co-Principal Investigators: B. Hyman and D. Neumark

Arnold Foundation Grant, 2017-2020 $225,000
"California Competes Tax Credit Program Evaluation"
Co-Principal Investigator: D. Neumark

USDA Cooperative Agreement, 2014-2015 $25,000
"Supply-Side Subsidies to Improve Food Access"

Cornell Population Program Rapid Response Grant, 2012 $2000
"Immigration, Employment Opportunities, and Criminal Behavior"
Co-Principal Investigators: S. Bohn and E. Owens

Cornell Population Program Research Award, 2010-2011 $9720
"Low-Income Housing and Neighborhood Outcomes"
Co-Principal Investigator: E. Owens

Cornell Institute for Social Sciences Theme Project, 2009-2010 $6000
"Persistent Poverty and Upward Mobility"

Bronfenbrenner Life Course Center & Cornell Pop. Program Award, 2009-2011 $5400
"Older Workers' Displacement and Mobility"
Co-Principal Investigators: J. Abowd, K. McKinney, L. Vilhuber

Cornell Institute for Social Sciences Small Grant Award, 2008-2009 $3000
"Agglomeration Effects: The Role of Sorting"

FSRDC Project 1175: "Labor Market Shocks, Geography, and Government Policy," Co-Principal Investigators: D. Autor, A. Dube, E. Kaplan, and A. Mas

FSRDC Project 0684: "Agglomeration Effects: The Role of Sorting," Co-Principal Investigator: R. J. Faberman

MacIntyre Award for Exemplary Teaching, ILR School, Cornell University, 2008-2009

PROFESSIONAL AFFILIATIONS

Affiliate, UCI Center for Population, Inequality, and Policy, 2019-Present
Affiliate, Wilson Sheehan Lab for Economic Opportunities, 2017-Present
Scholar, University of Pennsylvania Institute for Urban Research, 2014-Present
Research Fellow, Cornell University Labor Dynamics Institute, 2012-Present
Visiting Scholar, Federal Reserve Bank of Philadelphia, 2008-Present

DEPARTMENTAL, COLLEGE, AND UNIVERSITY SERVICE

UC Irvine	Equity Advisor for the School of Social Sciences (2020-Present), Social Sciences Committee on Faculty Diversity, Inclusion, & Development (2018-Present), Provost's Leadership Academy (2018-2019), Recruiting Committee (Chair in 2017-2018, Member in 2018-2019), Center-Based Hiring Initiative for Economics (2016-2017), Labor-Public Seminar and Transportation-Urban Seminar Co-Organizer (2016-Present)
Drexel	Social Sciences Committee (2014-2016), Economics Chair Review Committee (2015-2016), Recruiting Committee (2014-2015)
Cornell	Environmental Economics Cluster Hire Committee (2010-2014), ILR School Research and Publications Committee (2008-2010, 2012-2014), Institute for Social Sciences Ad Hoc Review Committee (Spring 2013), Labor Economics Workshop Co-Organizer (2012-2013), Institute for Social Sciences Grant Review Committee (2009)

EDITORIAL AND REFEREE SERVICE

Editorial Service

Co-Editor, ***Regional Science and Urban Economics***, 2018-Present

Referee Service

Academy of Management Journal, American Economic Journal: Applied Economics, American Economic Journal: Economic Policy, American Economic Review, American Economics Review: Insights, Annals of Regional Science, Atlantic Economic Journal, B.E. Journal of Economic Analysis and Policy, British Journal of Industrial Relations, Economic Bulletin, Economic Inquiry, Economic Journal, Economics, Empirical Economics, Housing Policy Debate, Industrial and Labor Relations Review, International Journal of Hospitality Management, International Regional Science

Review, Journal of Applied Econometrics, Journal of Business Ethics, Journal of Economic Geography, Journal of Economics and Management Strategy, Journal of Economic Surveys, Journal of Housing and the Built Environment, Journal of Human Resources, Journal of Labor Economics, Journal of Law Economics and Organization, Journal of Media Economics, Journal of Policy Analysis and Management, Journal of Poverty, Journal of Productivity Analysis, Journal of Public Economics, Journal of Regional Science, Journal of Research in Crime and Delinquency, Journal of Urban Affairs, Journal of Urban Economics, Labour Economics, Land Use Policy, Mercatus Center, National Science Foundation*, National Tax Journal, Papers in Regional Science, Quarterly Journal of Economics, Regional Science Policy and Practice, Regional Science and Urban Economics, Review of Economic Studies, Review of Economics and Statistics, Review of Industrial Organization, Southern Economic Journal, Urban Affairs Review, Urban Studies,* What Works for Health

OTHER SERVICE TO THE PROFESSION

Conference Organizing

American Real Estate and Urban Economics Association (AREUEA) National Meeting Program Committee Member (2019), American Real Estate and Urban Economics Association- Allied Social Sciences Association (AREUEA-ASSA) National Meeting Program Committee Member (2020), UCI Federal Statistical Research Data Center Conference and Workshop (2020), National Tax Association (NTA) Conference Program Committee Member (2021), All-California Labor Economics Conference Lead Organizer (2021)

Mentoring Activities

American Real Estate and Urban Economics Association Women in Real Estate Network (WREN) Mentor (2019-2020)

PROFESSIONAL MEMBERSHIPS

American Economic Association (AEA), American Real Estate and Urban Economics Association (AREUEA), Association for Public Policy and Management (APPAM), Society of Labor Economists (SOLE), Urban Economics Association (UEA)

PREVIOUS WORK EXPERIENCE

Statistician, Longitudinal Employer-Household Dynamics (LEHD) Program,
U.S. Census Bureau, 2004-2007

Economist, Moody's Economy.com, 2000-2002

MEDIA

ABC News, Associated Press, The Atlantic, NPR's Marketplace, DailyFinance.com, Inc. Magazine, U.S. News & World Report, Wall Street Journal, National Affairs, Newsday,

Atlanta Journal-Constitution, Boston Globe, The Milwaukee Journal Sentinel, The Tennessean, The Rochester Democrat and Chronicle, Scientific American, Stamford Advocate, Syracuse Post-Standard, McClatchy DC, The Pennsylvania Gazette, Wharton PPI Issue Brief, NYU's The Stoop, WHCU 870, Yahoo! Finance, Market St. Magazine, Vox LACEA, University of Pennsylvania RegBlog, Bond Case Briefs, Management Issues, Managers Online, Next City, Knowledge@Wharton

BENJAMIN G. HYMAN
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Employment:

2019- Research Economist, Federal Reserve Bank of New York
2018-2019 Post-Doctoral Fellow, Becker-Friedman Institute, University of Chicago

Education:

2012-2018 **The Wharton School, University of Pennsylvania**
Ph.D. Applied Economics
Committee: Gilles Duranton (co-chair), Ann Harrison (co-chair), Fernando Ferreira, Jessie Handbury, Benjamin Keys

2009-2011 **Massachusetts Institute of Technology**
M.C.P. Urban and Regional Planning

2003-2007 **University of Southern California**
B.A. (Honors) International Relations—Political Economy

Fields: Public Finance, Labor Economics, Urban / Spatial Economics

Invited Seminars / Presentations: (*scheduled)

2022: Stanford Hoover Institution*, University of Nottingham*, American Enterprise Institute*, Yeshiva University (Syms)*

2021: NBER-SI Urban Economics, Brookings Municipal Finance Conference, Princeton NLS-E, FRBNY Fiscal Policy Series, Virtual Municipal Finance Conference (UIC/UND/Wharton), Santa Clara University, University of Kentucky*, National Tax Association Annual Conference*

2020: NYU Furman, UC Irvine (Econ), Federal Reserve System Regional Meetings (Virtual), Annual Urban Economics Association (UEA) Meetings

2019: MIT/Harvard (Joint Trade Seminar), University of Notre Dame (Econ), NYU Trade Jamboree, Federal Reserve Bank of San Francisco (System Micro Meetings)

2018: University of Chicago (Econ), University of Chicago (Booth), UC Berkeley (Econ), NBER Labor Studies (Fall Session), University of Southern California (Price), UT Austin (McCombs), Federal Reserve Bank of New York, Johns Hopkins (SAIS), University of Chicago (Harris), Upjohn Institute for Employment Research, Inter-American Development Bank, National Tax Association Annual Conference

2017: NBER Trade and Labor Markets Conference, Wharton Applied Economics Workshop

Fellowships and Awards:

2019	NSF award #SES-1851679 ($292,000), Co-PI with Brian Kovak and Adam Leive
2018	Hon. Mention, National Tax Association Outstanding Doctoral Dissertation Award
2017	Kauffman Dissertation Fellowship ($20,000)
2016	Lincoln Land Institute, Lowell Harris Dissertation Fellowship ($10,000)
2016	J-PAL North America, Project Development Grant ($5,000)
2016	Wharton Public Policy Initiative, Ibrahim Family Fellow ($12,000)
2013-2017	Wharton Mack Institute for Innovation Research Grants ($22,500 cumulative)
2012-2016	Wharton Doctoral Education Fellowship

Service:

Referee: *American Economic Journal: Applied Economics, American Political Science Review*, *Economic Development Quarterly, Energy Economics, Journal of Development Economics*, *Journal f International Economics, Journal of Public Economics*, *National Tax Journal*, *Oxford Bulletin of Economics and Statistics*, *Quarterly Journal of Economics, Regional Science and Urban Economics*

Memberships: *American Economic Association, National Tax Association, Urban Economic Association, Special Sworn Status Researcher at U.S. Census Bureau*

Teaching:

2016	Urban Fiscal Policy (Undergraduate, MBA), The Wharton School TA for Professor Robert Inman (Fall and Spring)
2014	Intermediate Microeconomics and Game Theory (MBA), The Wharton School TA for Professors Matthew Freedman, Corrine Low, and Michael Sinkinson

Publications:

"Wage Insurance and Labor Market Trajectories" with Brian Kovak, Adam Leive, and Theodore Naff ***American Economic Association: Papers and Proceedings*** 111: 491–495, May 2021.

"COVID Response: The Municipal Liquidity Facility" with Andrew Haughwout and Or Shachar. ***Economic Policy Review*** (*forthcoming*), December, 2021.

Working Papers:

"The Option Value of Municipal Liquidity: Evidence from Federal Lending Cutoffs during COVID-19" with Andrew Haughwout and Or Shachar (August, 2021).

- Coverage: New York Times, The Bond Buyer, Brookings

"Can Displaced Labor be Retrained? Evidence from Quasi-Random Assignment to Trade Adjustment Assistance". JMP. (October, 2018)

- Honorable Mention, National Tax Association Outstanding Doctoral Dissertation Award
- Coverage: The Economist, Wall Street Journal, Council of Economic Advisors, Trade Talks Podcast, The Hill

"When Do Firms Go Green? Comparing Command and Control Regulations with Price Incentives in India" with Ann Harrison, Leslie Martin, and Shanthi Nataraj (October, 2019)

- NBER Working Paper #21763

"Imported Inputs and Productivity Spillovers from Foreign Direct Investment" (March, 2016)

Works in Progress:

"Wage Insurance for Displaced Workers" with Brian Kovak and Adam Leive

- Supported by National Science Foundation award #SES-1851679 (Co-PI, $292,000)

"Firm Responsiveness to Location Subsidies: Regression Discontinuity Estimates from a Tax Credit Formula" with Matt Freedman and David Neumark

"The Distributional Effects of Million Dollar Plants: Worker-Level Evidence" with Cailin Slattery, Moises Yi, and Owen Zidar

"Big Pushes, Little Hollywoods: Local Economic Development Effects of Film Tax Credit Lotteries" with Chris Simard and Cailin Slattery

"Job Training Mismatch" with Karen Ni

Other Writing:

"Municipal Debt Markets and the COVID-19 Pandemic" with Marco Cipriani, Andrew Haughwout, Anna Kovner, Gabriele La Spada, Matthew Lieber, Shawn Nee. *Liberty Street Economics*, June 29, 2020.

"Finally, Some Signs of Improvement in the Regional Economy" with Jaison Abel, Jason Bram, and Richard Dietz. *Liberty Street Economics*, June 16, 2020.

"Job Training Mismatch and the COVID-19 Recovery: A Cautionary Note from the Great Recession" with Karen Ni. *Liberty Street Economics*, May 27, 2020.

"Helping State and Local Governments Stay Liquid" with Andrew Haughwout and Matthew Lieber. *Liberty Street Economics*, April 10, 2020.

Languages: English (native), Spanish (fluent), French (fluent), Portuguese (novice), Hindi (novice)

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David Neumark

CURRICULUM VITAE

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PERSONAL: Born July 7, 1959
United States Citizenship

EDUCATION:

Fields:	Labor Economics, Econometrics
Thesis Topic:	Male-Female Differentials in the Labor Force: Measurement, Causes and Probes.
Fellowships:	National Science Foundation Graduate Fellowship Fulbright Scholarship
Awards/Honors	Distinguished Professor, University of California, Irvine, 2018-present National Longitudinal Surveys, Michael E. Borus Memorial Dissertation Award National Institute on Aging, Special Emphasis Research Career Award 2000 Minnesota Award for "Age Discrimination Laws and Labor Market Efficiency" Bren Fellow, Public Policy Institute of California, 2009-2010 Choice Outstanding Academic Title, 2009, for Minimum Wages (Cambridge: MIT Press, 2008) Chancellor's Professorship, University of California, Irvine, 2012-2018 UCI Associated Graduate Students, 2015, Faculty Mentoring Award 2016 Harris Distinguished Visiting Professor, Clemson University Selected to teach at IZA European Summer School in Labor Economics, 2016 Lady Davis Fellowship, Hebrew University of Jerusalem, 2018 Elected Fellow of the American Association for the Advancement of Science, 2019
Graduate:	Harvard University, Awarded Master of Arts Degree in Economics in 1985, Ph.D. in Economics in 1987.

Undergraduate:	University of Pennsylvania. Awarded Bachelor of Arts Degree in 1982. Graduated Phi Beta Kappa, Summa Cum Laude, with Honors. Shanbaum Award for the Outstanding Student in Economics.

RESEARCH AND PROFESSIONAL EXPERIENCE:

2005-present	**University of California, Irvine, Department of Economics**—Professor of Economics (now Distinguished Professor of Economics)
1995-present	**National Bureau of Economic Research**—Research Associate
2019-present	**University of California, Irvine, Center for Population, Inequality, and Policy**—Co-Director
2004-present	**IZA, Institute for the Study of Labor**—Research Fellow
2011-present	**Federal Reserve Bank of San Francisco**—Visiting Scholar
2012-present	**Workers Compensation Research Institute**—Senior Research Fellow
2016-present	**Beijing Normal University**—Visiting Professor
2018-present	**CESifo**—Research Fellow
2018	**Tel Aviv University**—Visiting Professor
2016-2019	**University of California, Irvine, Economic Self-Sufficiency Policy Research Institute (ESSPRI)**—Founding Director
2012	**Renmin University, Hanqing Institute, Beijing, China**—Visiting Lecturer
2011-2015	**University of California, Irvine, Center for Economics & Public Policy**—Founding Director
2009-2011	**University of California, Irvine**—Director of Graduate Studies
2002-2011	**Public Policy Institute of California**—Bren Fellow/Senior Fellow, Economics
1994-2002	**Michigan State University, Department of Economics**—Professor of Economics
1989-1994	**University of Pennsylvania, Department of Economics**—Assistant Professor of Economics
1987-1989	**Board of Governors of the Federal Reserve System**—Economist, Division of Research and Statistics
1984-1985	**Abt Associates, Inc.**—Economic consultant

2009-2016	**Charles River Associates**—Senior consultant
2000-2001	**Public Policy Institute of California**—Visiting Fellow
1999-2002	**Michigan State University, Department of Economics**—Director of Graduate Studies
1989-1994	**National Bureau of Economic Research**—Faculty Research Fellow

EDITORIAL RESPONSIBILITIES:

2012-present	**Journal of Urban Economics, Co-Editor**
2009-present	**Journal of Labor Research, Editorial Board**
2004-present	**Industrial Relations, Editorial Board**
2002-present	**Contemporary Economic Policy, Editorial Board**
2012-2016	**IZA Journal of Labor Policy, Editor**
2009-2012	**Journal of Urban Economics, Editorial Board**
2006-2012	**Review of Economics of the Household, Associate Editor**
2003-2010	**Economics of Education Review, Editorial Board**
2004-2006	**California Economic Policy, Editor**

PEER-REVIEWED PUBLICATIONS:

Neumark, David, and Maysen Yen, "Effects of Recent Minimum Wage Policies in California and Nationwide: Results from a Pre-specific Analysis Plan," forthcoming in Industrial Relations.

Freedman, Matthew, Shantanu Khanna, and David Neumark, "The Impacts of Opportunity Zones on Zone Residents," forthcoming in Journal of Urban Economics: Insights.

Neumark, David, "Age Discrimination in Hiring: Evidence from Age-Blind vs. Non-Age-Blind Hiring Procedures," forthcoming in Journal of Human Resources.

Burn, Ian, Patrick Button, David Neumark, and Luis Felipe Munguia Corella, "Does Ageist Language in Job Ads Predict Age Discrimination in Hiring?" forthcoming in Journal of Labor Economics.

Neumark, David, "Strengthen Age Discrimination Protections to Help Confront the Challenge of Population Aging, forthcoming in Journal of Aging & Social Policy.

Drucker, Lev, Katya Mazirov, and David Neumark, 2021, "Who Pays for and Who Benefits from Minimum Wage Increases? Evidence from Israeli Tax Data on Business Owners and Workers," Journal of Public Economics, 104423.

David Neumark

He, Haoran, David Neumark, and Qian Weng, 2021, "Do Workers Value Flexible Jobs: A Field Experiment," Journal of Labor Economics, pp. 709-38.

Neumark, David, and Timothy Young, 2021, "Heterogeneous Effects of State Enterprise Zone Programs in the Shorter Run and Longer Run," Economic Development Quarterly, pp. 91-107.

Neumark, David, and Luis Felipe Munguia Corella, 2021, "Do Minimum Wages Reduce Employment in Developing Countries? A Survey and Exploration of Conflicting Evidence," World Development, 105165.

Asquith, Brian, Judith K. Hellerstein, Mark J. Kutzbach, and David Neumark, 2021, "Social Capital and Labor Market Networks," Journal of Regional Science, pp. 212-60.

Neumark, David, 2020, "Point/Counterpoint: Can We Do Better than Enterprise Zones?" Journal of Policy Analysis and Management, pp. 836-44, 851-54.

Neumark, David, and Katherine Williams, 2020, "Do State Earned Income Tax Credits Increase Program Participation at the Federal Level?" Public Finance Review, pp. 579-626.

Neumark, David, and Peter Shirley, 2020, "The Long-Run Effects of the Earned Income Tax Credit on Women's Earnings," Labour Economics, Vol. 66.

Hellerstein, Judith K., and David Neumark, 2020, "Social Capital, Networks, and Economic Wellbeing," Future of Children, pp. 127-152.

Neumark, David, Brian Asquith, and Brittany Bass, 2020, "Longer-Run Effects of Anti-Poverty Policies on Disadvantaged Neighborhoods," Contemporary Economic Policy, pp. 409-434.

Hellerstein, Judith K., Mark Kutzbach, and David Neumark, 2019, "Labor Market Networks and Recovery from Mass Layoffs: Evidence from the Great Recession Period," Journal of Urban Economics, Vol. 113.

Neumark, David, and Timothy Young, 2019, "Enterprise Zones and Poverty: Resolving Conflicting Evidence," Regional Science and Urban Economics, Vol. 78.

Neumark, David, and Maysen Yen, 2019, "Relative Sizes of Age Cohorts and Labor Force Participation of Older Workers," Demography, pp. 1-31.

Savych, Bogdan, David Neumark, and Randy Lea, 2019, "Do Opioids Help Injured Workers Recover and Get Back to Work? The Impact of Opioid Prescriptions on Duration of Temporary Disability Benefits," Industrial Relations, pp. 549-90.

Neumark, David, Ian Burn, Patrick Button, and Nanneh Chehras, 2019, "Do State Laws Protecting Older Workers from Discrimination Reduce Age Discrimination in Hiring? Evidence from a Field Experiment," Journal of Law and Economics, pp. 373-402.

Neumark, David, and Cortnie Shupe, 2019, "Declining Teen Employment: Minimum Wages, Other Explanations, and Implications for Human Capital Investment," Labour Economics, pp. 49-68.

Neumark, David, 2019, "The Econometrics and Economics of the Employment Effects of Minimum Wages: Getting from Known Unknowns to Known Knowns," German Economic Review, 293-329.

David Neumark

Neumark, David, Ian Burn, and Patrick Button, 2019, "Is It Harder for Older Workers to Find Jobs? New and Improved Evidence from a Field Experiment," Journal of Political Economy, 922-70.

Asquith, Brian, Sanjana Goswami, David Neumark, and Antonio Rodriquez-Lopez, 2019, "U.S. Job Flows and the 'China Shock'," Journal of International Economics, pp. 123-37.

Neumark, David, and Judith Rich, 2019, "Do Field Experiments on Labor and Housing Markets Overstate Discrimination? A Re-examination of the Evidence," Industrial and Labor Relations Review, pp. 223-52.

Neumark, David, and Bogdan Savych, 2018, "The Effects of Provider Choice Policies on Workers' Compensation Costs," Health Services Research, pp. 5057-77.

Neumark, David, 2018, "Experimental Research on Labor Market Discrimination," Journal of Economic Literature, pp. 799-866.

Bradley, Cathy, David Neumark, and Lauryn Saxe Walker, 2018, "The Effect of Primary Care Visits on Other Health Care Utilization: A Randomized Controlled Trial of Cash Incentives Offered to Low Income, Uninsured Adults in Virginia," Journal of Health Economics, pp. 121-33.

Lordan, Grace, and David Neumark, 2018, "People Versus Machines: The Impact of Minimum Wages on Automatable Jobs," Labour Economics, pp. 40-53.

McLaughlin, Joanne Song, and David Neumark, 2018, "Barriers to Later Retirement for Men: Physical Challenges at Work and Increases in the Full Retirement Age," Research on Aging, pp. 232-56.

Figinski, Theodore, and David Neumark, 2018, "Does Eliminating the Earnings Test Increase Old-Age Poverty of Women?" Research on Aging, pp. 27-53.

Neumark, David, and Diego Grijalva, 2017, "The Employment Effects of State Hiring Credits," ILR Review, pp. 1111-45.

Neumark, David, and William Wascher, 2017, "Reply *to Credible Research Designs for Minimum Wage Studies*," ILR Review, pp. 593-609.

Bradley, Cathy J., and David Neumark, 2017, "Small Cash Incentives Can Encourage Primary Care Visits by Low-Income People with New Health Care Coverage," Health Affairs, pp. 1376-84.

Neumark, David, Joanne Song, and Patrick Button, 2017, "Does Protecting Older Workers from Discrimination Make It Harder to Get Hired? Evidence from Disability Discrimination Laws," Research on Aging, pp. 29-63.

Neumark, David, Ian Burn, and Patrick Button, 2016, "Experimental Age Discrimination Evidence and the Heckman Critique," American Economic Review Papers and Proceedings, pp. 303-8.

Neumark, David, 2016, "Policy Levers to Increase Jobs and Increase Income from Work after the Great Recession," IZA Journal of Labor Policy, 5:6 (on-line).

Neumark, David, and Jennifer Muz, 2016, "The 'Business Climate' and Economic Inequality," Review of Income and Wealth, pp. 161-80.

David Neumark

Neumark, David, Cathy J. Bradley, Miguel Henry, and Bassam Dahman, 2015, "Work Continuation While Treated for Breast Cancer: The Role of Workplace Accommodations," Industrial and Labor Relations Review, pp. 915-954.

Neumark, David, and Helen Simpson, 2015, "Place-Based Policies," in Handbook of Regional and Urban Economics, Vol. 5, Gilles Duranton, Vernon Henderson, and William Strange, eds. (Amsterdam: Elsevier), pp. 1197-1287.

Neumark, David, J.M. Ian Salas, and William Wascher, 2014, "More on Recent Evidence on the Effects of Minimum Wages in the United States," IZA Journal of Labor Policy, 3:24 (on-line).

Neumark, David, and Patrick Button, 2014, "Did Age Discrimination Protections Help Older Workers Weather the Great Recession?" Journal of Policy Analysis and Management, 566-601.

Neumark, David, J.M. Ian Salas, and William Wascher, 2014, "Revisiting the Minimum Wage-Employment Debate: Throwing Out the Baby with the Bathwater?" Industrial and Labor Relations Review, 608-648.

Burnes, Daria, David Neumark, and Michelle White, 2014, "Fiscal Zoning and Sales Taxes: Do Higher Sales Taxes Lead to More Retailing and Less Manufacturing," National Tax Journal, 7-50.

Brueckner, Jan, and David Neumark, 2014, "Beaches, Sunshine, and Public-Sector Pay: Theory and Evidence on Amenities and Rent Extraction by Government Workers," American Economic Journal: Economic Policy, pp. 198-230.

Hellerstein, Judith K., Mark Kutzbach, and David Neumark, 2014, "Do Labor Market Networks Have An Important Spatial Dimension?" Journal of Urban Economics, pp. 39-58.

Neumark, David, and Joanne Song, 2013, "Do Stronger Age Discrimination Laws Make Social Security Reforms More Effective?" Journal of Public Economics, pp. 1-16.

Neumark, David, Matthew Thompson, Francesco Brindisi, Leslie Koyle, and Clayton Reck, 2013, "Simulating the Economic Impacts of Living Wage Mandates Using New Public and Administrative Data: Evidence for New York City," Economic Development Quarterly, pp. 271-83.

Neumark, David, Hans Johnson, and Marisol Cuellar Mejia, 2013, "Future Skill Shortages in the U.S. Economy?" Economics of Education Review, pp. 151-67.

Bradley, Cathy J., David Neumark, and Scott Barkowski, 2013, "Does Employer-Provided Health Insurance Constrain Labor Supply Adjustments to Health Shocks? New Evidence on Women Diagnosed with Breast Cancer," Journal of Health Economics, pp. 833-49.

Kolko, Jed, David Neumark, and Marisol Cuellar Mejia, 2013, "What Do Business Climate Indexes Teach Us About State Policy and Growth?" Journal of Regional Science, pp. 220-55.

Neumark, David, 2013, "Spurring Job Creation in Response to Severe Recessions: Reconsidering Hiring Credits," Journal of Policy Analysis and Management, pp. 142-71.

Neumark, David, Matthew Thompson, and Leslie Koyle, 2012, "The Effects of Living Wage Laws on Low-Wage Workers and Low-Income Families: What Do We Know Now?" IZA Journal of Labor Policy, 1:11 (on-line).

David Neumark

Neumark, David, and Kenneth Troske, 2012, "Point/Counterpoint: 'Addressing the Employment Situation in the Aftermath of the Great Recession,' and 'Lessons from Other Countries, and Rethinking (Slightly) Unemployment Insurance as Social Insurance Against the Great Recession," Journal of Policy Analysis and Management, pp. 160-68, 188-91.

Bradley, Cathy, David Neumark, and Meryl Motika, 2012, "The Effects of Health Shocks on Employment and Health Insurance: The Role of Employer-Provided Health Insurance," International Journal of Health Care Finance and Economics, pp. 253-67.

Bradley, Cathy, Sabina Ohri, David Neumark, Sheryl Garland, and Sheldon Retchin, 2012, "Lessons for Coverage Expansion: A Virginia Primary Care Program for The Uninsured Reduced Utilization And Cut Costs," Health Affairs, pp. 350-9.

Neumark, David, 2012, "Detecting Evidence of Discrimination in Audit and Correspondence Studies," Journal of Human Resources, pp. 1128-57.

Mazzolari, Francesca, and David Neumark, 2012, "Immigration and Product Diversity," Journal of Population Economics, pp. 1107-37.

Hellerstein, Judith, Melissa McInerney, and David Neumark, 2011, "Neighbors and Co-Workers: The Importance of Residential Labor Market Networks," Journal of Labor Economics, pp. 659-95.

Neumark, David, Brandon Wall, and Junfu Zhang, 2011, "Do Small Businesses Create More Jobs? New Evidence from the National Establishment Time Series," Review of Economics and Statistics, pp. 16-29.

Neumark, David, and William Wascher, 2011,"Does a Higher Minimum Wage Enhance the Effectiveness of the Earned Income Tax Credit?" Industrial and Labor Relations Review, pp. 712-46.

Hellerstein, Judith K., Melissa McInerney, and David Neumark, 2010, "Spatial Mismatch, Immigrant Networks, and Hispanic Employment in the United States, Annales d'Economie et de Statistique, pp. 141-67.

Kolko, Jed, and David Neumark, 2010, "Do *Some* Enterprise Zones Create Jobs?" Journal of Policy Analysis and Management, pp. 5-38.

Neumark, David, and Jed Kolko, 2010, "Do Enterprise Zones Create Jobs? Evidence from California's Enterprise Zone Program," Journal of Urban Economics, pp. 1-19.

Kolko, Jed, and David Neumark, 2010, "Does Local Business Ownership Insulate Cities from Economic Shocks?" Journal of Urban Economics, pp. 103-15.

Finlay, Keith, and David Neumark, 2010, "Is Marriage Always Good for Children? Evidence from Families Affected by Incarceration," Journal of Human Resources, pp. 1046-88.

Kolko, Jed, and David Neumark, 2008, Changes in the Location of Employment and Ownership: Evidence from California," Journal of Regional Science, pp. 717-44.

Bradley, Cathy, David Neumark, Lisa Shickle, and Nicholas Farrell, 2008, "Differences in Breast Cancer Diagnosis and Treatment: Experiences of Insured and Uninsured Patients in a Safety Net Setting," Inquiry, pp. 323-39.

David Neumark

Neumark, David, and William Wascher, 2008, "Minimum Wages and Low-Wage Workers: How Well Does Reality Match the Rhetoric?" Minnesota Law Review, pp. 1296-316.

Hellerstein, Judith, David Neumark, and Melissa McInerney, 2008, "Spatial Mismatch or Racial Mismatch?" Journal of Urban Economics, pp. 464-79.

Neumark, David, 2008, "The Age Discrimination in Employment Act and the Challenge of Population Aging," Research on Aging, pp. 41-68.

Hellerstein, Judith, and David Neumark, 2008, "Workplace Segregation in the United States: Race, Ethnicity, and Skill," Review of Economics and Statistics, pp. 459-77.

Neumark, David, Junfu Zhang, and Steven Ciccarella, 2008, "The Effects of Wal-Mart Openings on Local Labor Markets," Journal of Urban Economics, pp. 405-30.

Neumark, David, and William Wascher, 2007, "Minimum Wages and Employment," Foundations and Trends in Microeconomics, pp. 1-182.

Furstenberg, Frank, and David Neumark, 2007, "Encouraging Education in an Urban School District: Evidence from the Philadelphia Educational Longitudinal Study," Education Economics, pp. 135-57.

Neumark, David, and Olena Nizalova, 2007, "Minimum Wage Effects in the Longer Run," Journal of Human Resources, pp. 435-52.

Neumark, David, Junfu Zhang, and Brandon Wall, 2007, "Employment Dynamics and Business Relocation: New Evidence from the National Establishment Time Series," Research in Labor Economics, pp. 39-83.

Bradley, Cathy J., David Neumark, Zhehui Luo, and Maryjean Schenk, 2007, "Employment and Cancer: Findings from a Longitudinal Study of Breast and Prostate Cancer Survivors," Cancer Investigation, pp. 47-54.

Bradley, Cathy J., David Neumark, Heather L. Bednarek, and Zhehui Luo, 2007, "Employment-Contingent Health Insurance, Illness, and Labor Supply of Women: Evidence from Married Women with Breast Cancer," Health Economics, pp. 719-37.

Neumark, David, Peter Barth, and Richard Victor, 2007, "The Impact of Provider Choice on Workers' Compensation Costs and Outcomes," Industrial and Labor Relations Review, pp. 121-42.

Neumark, David, 2006, "School-to-Work and Educational Reform Symposium: Introduction," Economics of Education Review, pp. 347-50.

Holzer, Harry, and David Neumark, 2006, "Affirmative Action: What Do We Know?" Journal of Policy Analysis and Management, pp. 463-90.

Neumark, David, and Donna Rothstein, 2006, "School-to-Career Programs and Transitions to Employment and Higher Education," Economics of Education Review, pp. 374-93.

Neumark, David, and Wendy Stock, 2006, "The Labor Market Effects of Race and Sex Discrimination Laws," Economic Inquiry, pp. 385-419.

David Neumark

Neumark, David, and Elizabeth Powers, 2006, "Supplemental Security Income, Labor Supply, and Migration," Journal of Population Economics, pp. 447-79.

Neumark, David, Wendy Cunningham, and Lucas Siga, 2006, "The Effects of the Minimum Wage in Brazil on the Distribution of Family Incomes: 1996-2001," Journal of Development Economics, pp. 136-59.

Neumark, David, 2006, "Evaluating Program Effectiveness: A Case Study of the School-to-Work Opportunities Act in California," Economics of Education Review, pp. 315-26.

Neumark, David, Junfu Zhang, and Brandon Wall, 2006, "Where the Jobs Are: Business Dynamics and Employment Growth," Academy of Management Perspectives, pp. 79-94.

Neumark, David, Mark Schweitzer, and William Wascher, 2005, "The Effects of Minimum Wages on the Distribution of Family Incomes: A Non-Parametric Analysis," Journal of Human Resources, pp. 867-94.

Adams, Scott, and David Neumark, 2005, "The Effects of Living Wage Laws: Evidence from Failed and Derailed Living Wage Campaigns," Journal of Urban Economics, pp. 177-202.

Bradley, Cathy, David Neumark, Kathleen Oberst, Zhehui Luo, Simone Brennan, and Maryjean Schenk, 2005, "Combining Registry, Primary, and Secondary Data Sources to Identify the Impact of Cancer on Labor Market Outcomes," Medical Decision Making, pp. 534-47.

Bradley, Cathy, David Neumark, Zhehui Luo, Heather Bednarek, and Maryjean Schenk, 2005, "Employment Outcomes of Men Treated for Prostate Cancer," Journal of the National Cancer Institute, pp. 958-65.

Powers, Elizabeth, and David Neumark, 2005, "The Supplemental Security Income Program and Incentives to Take Up Social Security Early Retirement: Empirical Evidence from the SIPP and Social Security Administrative Data," National Tax Journal, pp. 5-26.

Adams, Scott, and David Neumark, 2005, "When Do Living Wages Bite?" Industrial Relations, pp. 164-192.

Adams, Scott, and David Neumark, 2005, "Living Wage Effects: New and Improved Evidence," Economic Development Quarterly, pp. 80-102.

Bradley, Cathy, David Neumark, and Heather Bednarek, 2005, "Short-term Effects of Breast Cancer on Labor Market Attachment: Results from a Longitudinal Study," Journal of Health Economics, pp. 137-60.

Neumark, David, and Elizabeth T. Powers, 2005, "The Effects of Changes in State SSI Supplements on Pre-Retirement Labor Supply," Public Finance Review, pp. 3-35.

Neumark, David, and Daiji Kawaguchi, 2004, "Attrition Bias in Economic Relationships Estimated with Matched CPS Panels," Journal of Economic and Social Measurement, pp. 445-72.

Neumark, David, and Elizabeth Powers, 2004, "SSI and Labor Supply: Improved Evidence from Social Security Administrative Files," Social Security Bulletin, p. 45-60.

Adams, Scott, and David Neumark, 2004, "The Economic Effects of Living Wages: A Provisional Review," Urban Affairs Review, pp. 210-45.

David Neumark

Neumark, David, 2004, "Living Wages: Protection For or Protection From Low-Wage Workers?" Industrial and Labor Relations Review, pp. 27-51.

Hellerstein, Judith, and David Neumark, 2004, "Ethnicity, Language, and Workplace Segregation: Evidence from a New Matched Employer-Employee Data Set," Annales d'Economie et de Statistique, pp. 19-78.

Neumark, David, and William Wascher, 2004, "The Influence of Labour Market Institutions on the Disemployment Effects of the Minimum Wage," CESifo DICE Report (Database for Institutional Comparisons in Europe), pp. 40-47.

Neumark, David, Mark Schweitzer, and William Wascher, 2004, "Minimum Wage Effects Throughout the Wage Distribution," Journal of Human Resources, pp. 425-450.

Neumark, David, and Debbie Reed, 2004, "Employment Relationships in the New Economy," Labour Economics, pp. 1-31.

Neumark, David, and William Wascher, 2004, "Minimum Wages, Labor Market Institutions, and Youth Employment: A Cross-National Analysis," Industrial and Labor Relations Review, pp. 223-48.

Neumark, David, and Peter Cappelli, 2004, "External Job Churning and Internal Job Flexibility," Industrial Relations, pp. 148-82.

Bayard, Kimberly, Judith Hellerstein, David Neumark, and Kenneth Troske, 2003, "New Evidence on Sex Segregation and Sex Differences in Wages from Matched Employer-Employee Data," Journal of Labor Economics, pp. 887-922.

Neumark, David, and Scott Adams, 2003, "Detecting Effects of Living Wages," Industrial Relations, pp. 531-564.

Neumark, David, and Scott Adams, 2003, "Do Living Wage Ordinances Help Reduce Urban Poverty?" Journal of Human Resources, pp. 490-521.

Neumark, David, and Ann Allen, 2003, "What Do We Know About the Effects of School-to-Work? A Case Study of Michigan," Journal of Vocational Education Research, pp. 59-84.

Powers, Elizabeth T., and David Neumark, 2003, "The Interaction of Public Retirement Income Programs in the U.S.," American Economic Review Papers and Proceedings, pp. 261-265.

Neumark, David, 2003, "Age Discrimination Legislation in the United States," Contemporary Economic Policy, pp. 297-317.

Neumark, David, and William Wascher, 2003, "Minimum Wages and Skill Acquisition: Another Look at Schooling Effects," Economics of Education Review, pp. 1-10.

Bednarek, Heather, Cathy Bradley, and David Neumark, 2002, "Breast Cancer and Women's Labor Supply," Health Services Research, pp. 1309-1328.

Bradley, Cathy, Heather Bednarek, and David Neumark, 2002, "Breast Cancer Survival, Work, and Earnings," Journal of Health Economics, pp. 757-779.

David Neumark

Neumark, David, 2002, "Youth Labor Markets in the U.S.: Shopping Around vs. Staying Put," Review of Economics and Statistics, pp. 462-482.

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Hellerstein, Judith K., David Neumark, and Kenneth Troske, 2002, "Market Forces and Sex Discrimination," Journal of Human Resources, pp. 353-380.

Neumark, David and William Wascher, 2002, "State-Level Estimates of Minimum Wage Effects: New Evidence and Interpretations from Disequilibrium Models," Journal of Human Resources, pp. 35-62.

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Neumark, David, and Helen Simpson. 2015, "Do Place-Based Policies Matter?" Federal Reserve Bank of San Francisco Economic Letter, March 2, 2015.

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Neumark, David, 2013, "Minimum-Wage Increases Will Lead to Lost Jobs," op-ed, San Diego Union-Tribune, February 8.

Neumark, David, and Jennifer Muz, 2013, "Job Growth and Economic Growth in California," Federal Reserve Bank of San Francisco Economic Letter, April 15, 2013.

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Neumark, David, and Rob Valletta, 2012, "Worker Skills and Job Quality," Federal Reserve Bank of San Francisco Economic Letter, April 30, 2012.

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Kolko, Jed, and David Neumark, 2011, "Development Subsidy Needs Overhaul," op-ed, San Francisco Chronicle, February 6.

Neumark, David, 2009, "Delay the Minimum Wage Hike," op-ed, The Wall Street Journal, June 12.

Neumark, David, 2008, "Just the Facts: Small Businesses and Job Creation," Public Policy Institute of California.

Neumark, David, 2008, "La Discrimination à l'Emploi des Seniors aux États-Unis," Connaissance de l'Emploi.

Neumark, David, 2008, "Reassessing the Age Discrimination in Employment Act," AARP Public Policy Institute.

Kolko, Jed, and David Neumark, 2007, "Are California's Companies Shifting Their Employment to Other States?" Occasional Paper, Public Policy Institute of California.

Richard A. Victor, Peter S. Barth, and David Neumark, 2006, "The Impact of Provider Choice on Workers' Compensation Costs and Outcomes," abstract, IAIABC Journal.

Neumark, David, 2006, "The Economic Effects of Minimum Wages: What Might Missouri Expect from Passage of Proposition B?" Show-Me Institute Policy Briefing.

Neumark, David, Junfu Zhang, and Jed Kolko, 2006, "Interstate Business Relocation: An Industry-Level Analysis," Occasional Paper, Public Policy Institute of California.

Neumark, David, and Junfu Zhang, 2005, "Are Businesses Fleeing California? And Are They Taking Their Jobs With Them?" op-ed published in San Diego Union-Tribune, October 27.

Neumark, David, 2005, "California's Economic Future and Infrastructure Challenges," Occasional Paper, Public Policy Institute of California.

Neumark, David, 2004, "Just the Facts: Employment and Job Growth in California," Public Policy Institute of California.

Neumark, David, 2004, "The Economic Effects of Mandated Wage Floors," Occasional Paper, Public Policy Institute of California.

Neumark, David, 2004, "This is a Tax on Using Low-Skilled Employees," op-ed published in The Sacramento Bee, June 27.

Neumark, David, 2003, "Assessing the Premise and the Promise of School-to-Work," The LSS Review, (Philadelphia, PA: The Mid-Atlantic Regional Educational Laboratory, Temple University).

Neumark, David, 2003, "Michigan and Admissions: Division on Diversity," op-ed published in the San Francisco Chronicle, March 30. (Similar version published in The Detroit News, March 28.)

Neumark, David, 2003, "Just the Facts: Unemployment and Job Loss in California," Public Policy Institute of California.

Neumark, David, 2002, "Raising Incomes by Mandating Higher Wages," NBER Reporter.

Neumark, David, and William Wascher, 2002, "Comment: Meta-Analysis," Journal of Economic Perspectives, Summer, pp. 226-227.

Neumark, David, 2000, Congressional Testimony before U.S. House Committee on Education and the Workforce, "Will Increasing the Minimum Wage Help the Poor?" Congressional Digest, pp. 91-5.

Neumark, David, 1997, "Evaluating Age Discrimination Laws," NBER Reporter.

Neumark, David, 1996, "Should We Raise the Minimum Wage?" Economic Times.

Neumark, David, Richard Johnson, et al., 1992, "Reply to Oleinick and Gluck," Journal of Occupational Medicine, pp. 972-974.

RESEARCH GRANTS:

Michigan Retirement and Disability Research Center – "Do Workers Injured on the Job and Covered by Workers Compensation End Up on SSDI," current, 2020-2021, $100,000.

Employment Policies Institute – "Minimum Wages, Tip Credits, and the Full-Service Restaurant Sector," current, 2020-2021, $40,000.

Smith-Richardson Foundation – "The Effects of the California Competes Tax Credit on Job Creation and Businesses," current, 2019-2021, $144,658.

Alfred P. Sloan Foundation – "Evidence on Ageist Stereotypes in Job Ads," current, 2019-2021, $155,958.

Laura and John Arnold Foundation – "The Effectiveness of the California Competes Tax Credit," current, 2018-2021, $225,000.

Employment Policies Institute – "An Evaluation of Recent City Minimum Wage Increases," current, 2018-2019, $42,551.

Laura and John Arnold Foundation – "Proposal for the Economic Self-Sufficiency Policy Research Institute at the University of California, Irvine."

Smith-Richardson Foundation – "Long-Term Effects of Anti-Poverty Policies that Increase Income from Work."

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University of Michigan Retirement Research Center – "Relative Sizes of Age Cohorts and Employment and Labor Force Participation of Older Workers."

Alfred P. Sloan Foundation – "Testing for Age Discrimination: Obtaining More Convincing Evidence from Field Experiments."

University of Michigan Retirement Research Center – "Do State Age Discrimination Protections Reduce Hiring Discrimination Against Older Workers? Evidence from a Field Experiment."

Employment Policies Institute – "Minimum Wages and Poor Neighborhoods."

Russell Sage Foundation – "Labor Market Networks and Recovery from the Great Recession."

Alfred P. Sloan Foundation – "Testing for Age Discrimination: Obtaining More Convincing Evidence from Field Experiments."

University of Michigan Retirement Research Center – "Does Eliminating the Earnings Test Increase Old-Age Poverty of Women?"

Anne E. Casey Foundation – "Did State Job Creation Hiring Credits Moderate the Effects of the Great Recession."

Next 10 – "Tracking Economic Performance of the States."

University of Michigan Retirement Research Center – "Did Age Discrimination Protections Help Older Workers Weather the Great Recession?"

Employment Policies Institute – "An Assessment of Recent Studies of the Minimum Wage."

University of Michigan Retirement Research Center – "The Effects of Increases in the Normal Retirement Age when Age Discrimination Protections are Stronger: Evidence from the Hiring Side."

University of Michigan Retirement Research Center – "Policy Interactions between Increases in the Normal Retirement Age and Age Discrimination Laws."

Borchard Foundation – "Population Aging, Social Security Reform, and the Employment of Older Americans: The Role of Stronger Age Discrimination Laws."

National Institutes of Health, American Recovery and Reinvestment Act – "Health Insurance, Labor Supply, and Health."

National Cancer Institute – "Health Insurance, Labor Supply, and Health."

Gates Foundation and AARP – "Preparing for a Workforce without Boomers."

Kauffman Foundation – "The Establishment Size-Growth Relationship and the Effects of Enterprise Zones."

National Institute of Child and Human Development – "The Economics of Residential and Workplace Segregation."

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Russell Sage Foundation – Conference on "The School-to-Work Transition and School-to-Work Programs."

National Institute of Aging – "Incentive Effects of Supplemental Security Income (SSI)."

National Cancer Institute – "Labor Market Outcomes of Cancer Survivors."

Russell Sage Foundation – "Residential Segregation, Labor Market Segregation, and Racial, Ethnic, and Language Differences in Labor Market Outcomes: Evidence from a New Matched Employee-Employer Data Set."

The Education Policy Center at Michigan State University – "The Impact of School-to-Work Programs and High School Employment on Post-High School Work and Schooling Transitions."

Social Security Administration – "Multiple Program Use by Older Americans: Social Security Early Retirement and Supplemental Security Income."

Steven H. Sandell Grant Program – "Public Retirement Programs and the Low-Income Population: The Impact of the Supplemental Security Income Program's Design on the Use of the Social Security Early Retirement Program."

Michigan Applied Public Policy Research Funds – "The Detroit Living Wage Ordinance: Will It Reduce Poverty?"

U.S. Department of Labor, Office of the Assistant Secretary for Policy – "Evaluating School-to-Work Programs Using the New NLSY."

National Science Foundation – "Wages, Productivity, and Worker Characteristics."

National Institute of Aging - Special Emphasis Research Career Award "Research on the Economics of Aging and Age Discrimination."

Russell Sage Foundation – "Changes in Job Stability and Job Security."

All University Research Initiation Grant – "Do Minimum Wages Redistribute Income Towards Low-Income Families?"

Office of Technology Assessment – "Careers of Youths and Young Adults in the Labor Market."

Maurice Falk Institute for Economic Research in Israel – "Estimating Marginal Productivity Differentials to Test Theories of Wage Differentials."

Boettner Institute of Financial Gerontology – "Age-Earnings Profiles and Age Discrimination."

National Institute of Aging Supplemental Grant – "Age-Earnings Profiles and Age Discrimination."

U.S. Department of Education – "Job Turnover in the U.S. Economy."

National Science Foundation – "Research on Age-Earnings Profiles and Age Discrimination."

University of Pennsylvania Research Foundation – "The Effects of State Minimum Wage Laws on Youth Employment and Unemployment."

University of Pennsylvania Public Policy Initiatives Fund – "The Effects of State Minimum Wage Laws on Youth Employment and Unemployment."

U.S. Department of Education – "Educational Quality of the Workforce."

Department of Health, Commonwealth of Pennsylvania – "Occupational Disease and Injury in the Commonwealth of Pennsylvania."

University of Pennsylvania Center for the Study of Aging – "The Impact of Corporate Takeovers on Older Workers."

University of Pennsylvania Research Foundation – "The Impact of Corporate Takeovers on Older Workers."

KEYNOTE/INVITED LECTURES:

"Older Workers Need Not Apply? Ageist Language in Job Ads and Age Discrimination in Hiring." Maastricht University Research Centre for Education and the Labour Market Workshop on Older Workers' Skills and Labour Market Behavior, Maastricht, Netherlands, Nov. 2019.

"Fighting Inequality and Poverty with Minimum Wages." Keynote lecture sponsored by National Diet Library, Tokyo, Japan, Oct. 2019.

"Fighting Inequality and Poverty with Minimum Wages." Reading group sponsored by O'Neil Center for Global Markets and Freedom at SMU, Baugh Center for Entrepreneurship and Free Enterprise at Baylor University, the Free Market Institute at Texas Tech University, and the Arkansas Center for Research in Economics at the University of Central Arkansas, Dallas, TX, Sept. 2019.

"The Long-Run Effect of the Earned Income Tax Credit on Women's Earnings." 3rd Forum on Advances in Labor Economics in China," Beijing Normal University, Beijing, China, May, 2019.

"The Econometrics and Economics of the Employment Effects of Minimum Wages: Getting from Known Unknowns to Known Knowns." Conference on the "Evaluation of Minimum Wages," DIW, Berlin, Germany, July, 2018.

"Using Minimum Wages to Fight Inequality and Poverty." Adam Smith Lecture, Adam Smith Institute, London, England, June, 2018.

"The Long-Run Effects of Anti-Poverty Policies on Disadvantaged Neighborhoods," Keynote lecture, Workshop on Minimum Wages and Experimental Economics, Beijing Normal University, Beijing, China, November, 2017.

"New and Improved Evidence from Field Experiments on Discrimination," Keynote lecture, Labor Econometrics Workshop, University of Auckland, Auckland, New Zealand, August, 2017.

"Using Minimum Wages to Fight Inequality and Poverty," Invited lecture, Economic Policy Research Network Conference, University of Copenhagen, Copenhagen, Denmark, June, 2017.

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"Preliminary Studies of the Long-Run Effects of Anti-Poverty Policies," keynote lecture, Belgian Day for Labour Economists, Université Catholique de Louvain, Louvain-la-Neuve, Belgium, May, 2017.

"Using Minimum Wages to Fight Inequality and Poverty," 2017 Mattersdorff-Steinhardt Lecture, Lewis and Clark University, Portland, Oregon, March, 2017.

"Why I Think the U.S. Evidence Says that Minimum Wages Reduce Employment, and Implications for Policy," keynote lecture, Beijing Normal University Minimum Wage Workshop, Beijing, China, October, 2016.

"Labor Market Discrimination," lectures, IZA Summer School, Munich, Germany, May, 2016.

"Is It Harder for Older Workers to Find Jobs? New and Improved Evidence from a Field Experiment," keynote lecture, Aix-Marseilles School of Economics – Banque de France Labor Market Conference, Paris, France, December, 2015.

"What Does Research Tell Us About the Effects of the Minimum Wage?" keynote lecture, Central Bank of Colombia conference, Bogota, Colombia, November, 2015.

"Is It Harder for Older Workers to Find Jobs? New and Improved Evidence from a Field Experiment," keynote address, Conference on Discrimination and Labor Market Research, Linnaeus University, Kalmar, Sweden, August, 2015.

"Age Discrimination Laws and Age Discrimination in the United States," keynote address, RIETI/IZA World of Labor Symposium, Tokyo, Japan, May, 2015.

"Employment Effects of Minimum Wages," opening address, 1st OECD/IZA World of Labor Seminar, OECD, Paris, France, December, 2014.

"Policy Levers to Increase Jobs and Increase Income from Work after the Great Recession," keynote address, Conference to Celebrate the Centennial of the Federal Reserve Bank of Dallas, Dallas, TX, November, 2014

"Policy Levers to Increase Jobs and Increase Income from Work after the Great Recession," keynote address, Workshop on Minimum Wages and Employment in Hong Kong, China, and the World, Hong Kong University of Science and Technology, Hong Kong, September, 2014.

"Revisiting the Minimum Wage-Employment Debate: Throwing Out the Baby with the Bathwater?" distinguished lecture, Middle Tennessee State University, Murfreesboro, TN, April, 2013.

"Revisiting the Minimum Wage-Employment Debate: Throwing Out the Baby with the Bathwater?" keynote address, Bank of Portugal Conference on Labor Market Policy, Lisbon, Portugal, May 2013.

"Race and Ethnicity in Hiring," keynote address, Workshop on Discrimination and Segregation, Sciences-Po, Paris, December 2011.

"Detecting Discrimination in Audit and Correspondence Studies," keynote address, IZA Workshop on Discrimination and Ethnicity: A Cross-Disciplinary Look at New Methodological Advances, Bonn, Germany, October 2011.

"Future Skill Shortages in the U.S. Economy?" keynote address, European Commission conference: Catch the Train: Skills, Education, and Jobs, Brussels, Belgium, June 2011.

"Neighbors and Co-Residents: The Importance of Residential Labor Market Networks," keynote address, International Conference on Labor Economics, Xiamen University, Xiamen, China, December 2009.

"How Do Economists Think About and Study Discrimination?" keynote address, 46th Annual Economic Education Winter Institute, St. Cloud State University, St. Cloud, Minnesota, February 2008.

"Population Aging and Age Discrimination," keynote address, Conference on Measuring Discrimination, Universite d'Evry Val D'Essonne, France, December 2007.

POLICY-RELATED TESTIMONY:

Testified on AB 225 (California EITC expansion) at California State Assembly Committee on Appropriations, 2017.

California State Senate testimony on job creation policy, 2011.

California State Senate testimony on enterprise zones, 2010.

California State Senate testimony on business relocation, 2006.

Congressional testimony on minimum wages and poverty, U.S. House Committee on Education and the Workforce, 2000.

Congressional testimony on minimum wages and employment, U.S. House Committee on Government Reform and Oversight, 1996.