

Zhuan Pei

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Current Positions

Assistant Professor, Department of Economics and Jeb E. Brooks School of Public Policy,
Cornell University, July 2021-Present

Executive Director, Cornell FSRDC, Cornell University Center for Social Sciences, July
2022-Present

Research Fellow, IZA, 2021-Present

Other Positions

Assistant Professor, Department of Policy Analysis and Management, College of Human
Ecology, Cornell University, 2015-2021

Research Affiliate, IZA, 2016-2021

Visiting Assistant Professor, Department of Economics, Princeton University, 2019-2020

Assistant Professor of Economics, Brandeis University, 2013-2015

Postdoc Economist, W. E. Upjohn Institute for Employment Research, 2012-2013

Education

Princeton University, Ph.D. in Economics, 2012

Carleton College, B.A. in Mathematics (with Distinction), *summa cum laude*, 2006

Working Papers

“[Visual Inference and Graphical Representation in Regression Discontinuity Designs](#)”, with
Christina Korting, Carl Lieberman, Jordan Matsudaira, and Yi Shen, arXiv:2112.03096.
Previous version: [Princeton Industrial Relations Section Working Paper #638](#).

“[Further Education during Unemployment](#)”, with Pauline Leung, Princeton Industrial
Relations Section Working Paper #642.

“Disability Insurance Income Saves Lives”, with Alexander Gelber, Timothy Moore, and
Alexander Strand.

Work in Progress

“The Effects of Employment Incentives and Cash Transfers on Parent and Child Outcomes:
Evidence from the Long-Run Effects of Welfare Reform Experiments”, with Amanda Eng,
Hilary Hoynes, Pauline Leung, Jordan Matsudaira, Cynthia Miller, Kevin Rinz, and Mark van
Dok.

Publications

“Local Polynomial Order in Regression Discontinuity Designs”, (open access [here](#)), with
David S. Lee, David Card, and Andrea Weber, *Journal of Business and Economic Statistics*,
40(3), 1259-1267, June 2022. Previous versions: [NBER Working Paper #27424 \(2020\)](#),
[Princeton Industrial Relations Section Working Paper #622 \(2018\)](#), [Brandeis Economics
Department Working Paper #81 \(2014\)](#).

“Are Sufficient Statistics Necessary? Nonparametric Measurement of Deadweight Loss in
Unemployment Insurance”, with David S. Lee, Pauline Leung, Christopher J. O’Leary, and

Simon Quach, *Journal of Labor Economics*, 39(S2), S455-S506, April 2021. Working paper version: [NBER Working Paper #25574](#).

“Poorly Measured Confounders are More Useful on the Left Than on the Right”, (open access [here](#)) with Jörn-Steffen Pischke, and Hannes Schwandt, *Journal of Business and Economic Statistics*, 37(2), 205-216, April 2019. Working paper version: [NBER Working Paper #23232](#).

“The Devil is in the Tails: Regression Discontinuity Design with Measurement Error in the Assignment Variable”, with Yi Shen, *Advances in Econometrics*, volume 38 (*Regression Discontinuity Designs: Theory and Applications*) edited by Matias D. Cattaneo and Juan Carlos Escanciano: 455-502, May 2017. Working paper version: [Princeton Industrial Relations Section Working Paper #606](#) and [IZA Discussion Paper #10320](#).

“Regression Kink Design: Theory and Practice”, with David Card, David S. Lee, and Andrea Weber, *Advances in Econometrics*, volume 38 (*Regression Discontinuity Designs: Theory and Applications*), edited by Matias D. Cattaneo and Juan Carlos Escanciano: 341-382, May 2017. Working paper version: [NBER Working Paper #22781](#).

“Eligibility Recertification and Dynamic Opting-in Incentives in Income-tested Social Programs: Evidence from Medicaid/CHIP”, *American Economic Journal: Economic Policy*, 9(1): 241-276, February 2017. Working paper version: [Upjohn Institute Working Paper 15-234](#).

“Inference on Causal Effects in a Generalized Regression Kink Design”, with David Card, David S. Lee, and Andrea Weber, *Econometrica*, 86(6): 2453-2483, November 2015. Working paper versions: [IZA Discussion Paper #8757](#); “Nonlinear Policy Rules and the Identification and Estimation of Causal Effects in a Generalized Regression Kink Design”, [NBER Working Paper #18564](#); “Quasi-Experimental Identification and Estimation in the Regression Kink Design”, [Princeton Industrial Relations Section Working Paper #553](#).

“The Effect of Unemployment Benefits on the Duration of Unemployment Insurance Receipt: New Evidence from a Regression Kink Design in Missouri, 2003-2013”, with David Card, Andrew Johnston, Pauline Leung, and Alexandre Mas, *American Economic Review: Papers & Proceedings*, 105(5): 126-130, May 2015. Working paper version: [NBER Working Paper #20869](#).

“Arecibo Multi-Epoch HI Absorption Measurements Against Pulsars: Tiny-Scale Atomic Structure,” with S. Stanimirović, J. M. Weisberg, K. Tuttle, and J. T. Green, *Astrophysical Journal*, 720: 415-434, September 2010.

“[Health Care: Time for a Check Up](#),” (Not Peer-reviewed) with Gabriel Wildau and Arthur Kroeber, *China Economic Quarterly*, Q3, September 2007.

Grants, Honors and Awards

PI, “Effects of Work and Financial Assistance Policies on Child Outcomes: Long-Term Evidence from Welfare Reform Experiments,” *William T. Grant Foundation*, with Hilary Hoynes (co-PI), Pauline Leung (co-PI), and Jordan Matsudaira (co-PI), \$544,312, 2021-2024

Co-PI, “The Effects of Employment Incentives and Cash Transfers on Parent and Child Outcomes: Evidence from the Long Run Effects of Welfare Reform Experiments,” *Laura and John Arnold Foundation*, with Hilary Hoynes (PI), Pauline Leung (co-PI), and Jordan Matsudaira (co-PI), \$348,605, 2020-2023

PI, “Graphical Presentation in Regression Discontinuity Designs,” *Cornell University Institute of Social Sciences Small Grant*, with Christina Korting (co-PI) and Yi Shen (co-PI), \$10,000, 2019-2021

[Institute of Social Sciences Faculty Fellow](#), Cornell University, 2018-2019

Co-PI, “The Effects of Employment Incentives and Cash Transfers on Parent and Child Outcomes: Long-Term Evidence from the Welfare Reform Experiments,” *Russell Sage Foundation Research Award*, with Hilary Hoynes (PI) and Jordan Matsudaira (co-PI), \$129,677, 2017-2019

Co-PI, “Experimental Evidence on the Long-Run and Intergenerational Impacts of Welfare Reform,” *Cornell University Center for the Study of Inequality Faculty Research Grant*, with Jordan Matsudaira (PI) and Pauline Leung (co-PI), \$60,777, 2017-2018

[Albert Rees Dissertation Prize](#), Princeton University, 2017

PI, “Further Education during Unemployment,” *Cornell University Institute of Social Sciences Small Grant*, with Pauline Leung (PI), \$7,500, 2017-2019

Theodore and Jane Norman Award, Brandeis University, 2013-2014

Richard A. Lester Fellowship for Industrial Relations, Princeton University, 2009-2010

Frank E. Stinchfield Prize, Carleton College, 2006

Patricia V. Damon Merit Scholarship, Carleton College, 2005-2006

Dean’s List, Carleton College, 2002-2006

Reeve Prize, Carleton College, 2005

Phi Beta Kappa, Carleton College, 2005

Seminar/Conference Presentations

2021: SWUFE, SOLE, IAAE, Cornell-Penn State Econometrics/IO Conference, AASLE

2020: Jinan IESR, [Online Causal Inference Seminar](#) (invited discussant; seminar video recording [here](#), and discussion starts [here](#)), APPAM

2019: Cornell University, UC Irvine, Econometric Society Asia/China/European Meetings, IZA/SOLE Transatlantic Conference, NBER Summer Institute, Princeton QSS Colloquium, APPAM, Princeton Labor-Econometrics Seminar, AASLE

2018: CIRANO-CIREQ Applied Economics Conference, UC Davis, IZA Education Workshop, APPAM, NTA, Central European University, Northwestern University

2017: Jinan University IESR Labor Conference, EALE meeting, University of Zurich, Duke University, CUFE CHLR International Symposium, CMStatistics Conference

2016: University at Buffalo, Cornell University, *Advances in Econometrics* Conference (U Michigan), Central University of Finance and Economics, Tsinghua University, Hanyang University, Econometric Society China Meeting, Sichuan University, Cornell-Penn State Econometrics/IO Conference

2015: Cornell University, SOLE/EALE meeting, Econometric Society World Congress

2014: University of Michigan, Brandeis University, George Washington University

2013: SOLE Meeting, Econometric Society North American Summer Meeting

2012: APPAM Research Conference, Brandeis University, Brigham Young University, Brown University, Mathematica Policy Research, Queen's University School of Policy Studies (Canada), Swarthmore College, University of Illinois at Chicago, University of Illinois at Urbana-Champaign, Western Michigan University

2011: Princeton University, Upjohn Institute for Employment Research

Teaching Experience

Instructor, Cornell University

Labor Markets and Public Policy (undergraduate), 2016-2019, 2021-2022
Empirical Strategies for Policy Research II (Ph.D.), 2015, 2017-2019, 2021-2022
Honors Thesis Adviser (undergraduate), 2017-2019

Instructor, Princeton University
Junior Independent Work, 2019-2020

Instructor, Brandeis University
Advanced Econometrics I (Ph.D.), 2015
Honors Thesis Adviser (undergraduate), 2013-2015
Econometrics (undergraduate), 2013-2014

Teaching Assistant, Princeton University
Junior Independent Work, Professor Alex Mas, 2011-2012, 2008-2009
Junior Independent Work, Professor Andrew Shephard, 2011-2012
Econometrics: A Mathematical Approach, Professor Andriy Norets, 2010
Law and Economics, Professor Thomas Leonard, 2008

Tutor, Woodrow Wilson School Junior Summer Institute, Princeton University, 2008-2009

Ph.D. Students (Committee Member and/or Letter Writer)

Cassandra Benson (Placement: USAFA)
Christina Korting (Placement: University of Delaware)
Amanda Eng (Placement: U.S. Census)
Carl Lieberman (Placement: U.S. Census)
Kevin Ng (Placement: CNA)
David Wasser (in progress)

Refereeing

Advances in Econometrics, *American Economic Journal: Applied Economics*, *American Economic Review*, *American Economic Review: Insights*, *Econometrics Journal*, *Economic Inquiry*, *Economic Journal*, *Empirical Economics*, *Journal of Business and Economic Statistics*, *Journal of Causal Inference*, *Journal of Cultural Economics*, *Journal of Econometrics*, *Journal of Economic Behavior & Organization*, *Journal of Economic Surveys*, *Journal of Health Economics*, *Journal of Human Resources*, *Journal of Labor Economics*, *Journal of Policy Analysis and Management*, *Journal of Political Economy*, *Journal of Public Economics*, *Labour Economics*, *Oxford Bulletin of Economics and Statistics*, *PNAS*, *Review of Economic Studies*, *Review of Economics and Statistics*, *Southern Economic Journal*

University Service

Member of Economics Ph.D. admissions committee, Cornell University, 2017-2019, 2021-22
Member of PAM Ph.D. admissions committee, Cornell University, 2022
Member of faculty recruiting committee, Cornell University, 2015, 2022
Member of Economics Ph.D. placement committee, Cornell University, 2020-2021
Co-organizer of method mini-course, Cornell University, 2016-2020
Co-organizer of PAM seminar series, Cornell University, 2017-2019
Co-organizer of economics seminar series, Brandeis University, 2014-2015
Graduate Economics Club, Princeton University
Social co-chair, 2007-2008; Treasurer, 2008-2009

Languages

English, Mandarin Chinese

Citizenship

United States