

## RICHARD HORNBECK

### Contact

5807 South Woodlawn Ave  
Chicago, IL 60637

Email: [richard.hornbeck@chicagobooth.edu](mailto:richard.hornbeck@chicagobooth.edu)  
Website: <https://voices.uchicago.edu/richardhornbeck/>

### Current Positions

2020- V. Duane Rath Professor of Economics, Booth School of Business, UChicago  
2015- Neubauer Family Faculty Fellow, Booth School of Business, UChicago

### Previous Positions

2015-2019 Professor of Economics, Booth School of Business, UChicago  
Spring 2015 George Tolley Fellow, Becker Friedman Institute, UChicago  
Winter 2015 Visiting Associate Professor of Economics, Economics Department, UChicago  
Fall 2014 Visiting Associate Professor of Economics, Booth School of Business, UChicago  
2013-2015 Dunwalke Associate Professor of American History, Economics Dept., Harvard  
2011-2012 Visiting Assistant Professor of Economics, SIEPR, Stanford University  
2009-2013 Assistant Professor of Economics, Economics Department, Harvard University

### Current Affiliations

2017- Fellow, BREAD  
2016- Research Associate, Center for History and Economics, Harvard  
2015- Research Associate, NBER (Development)  
2015- Research Associate, NBER (Environmental and Energy Economics)  
2015- Research Associate, NBER (Development of the American Economy)

### Previous Affiliations

2014-2015 Faculty Research Fellow, NBER (Environmental and Energy Economics)  
2013-2015 Faculty Research Fellow, NBER (Development)  
2013-2015 Faculty Associate, Center for History and Economics, Harvard  
2011-2017 Affiliate, BREAD  
2010-2015 Faculty Associate, Weatherhead Center for International Affairs, Harvard  
2009-2015 Faculty Affiliate, Center for International Development, Harvard  
2009-2015 Faculty Fellow, Harvard Environmental Economics Program  
2009-2015 Faculty Associate, Harvard University Center for the Environment  
2009-2015 Faculty Research Fellow, NBER (Development of the American Economy)

### Editorial Positions

2019- Board of Editors, *American Economic Journal: Applied Economics*  
2016- Board of Editors, *Journal of Economic History*  
2015- Board of Editors, *Explorations in Economic History*

### Education

2004-2009 Massachusetts Institute of Technology, Ph.D. in Economics  
2002-2003 London School of Economics, General Course in Mathematics  
2000-2004 University of Chicago, B.A. in Economics

## **Working Papers**

“Growth Off the Rails: Aggregate Productivity Growth in Distorted Economies,” with Martin Rotemberg, December 2021. Revise and Resubmit, *Journal of Political Economy*.

“Dust Bowl Migrants: Environmental Refugees and Economic Adaptation,” May 2022. Resubmitted, *Journal of Economic History*.

## **Selected Work in Progress**

“Identifying Agglomeration Shadows: Long-run Evidence from Ancient Ports,” with Guy Michaels and Ferdinand Rauch.

“The Financial Wealth of African Americans after Slavery and its Intergenerational Impacts: Evidence from the Collapse of the Freedman’s Bank,” with Dan Keniston.

“Digitization of the Establishment-level Census of Manufactures from 1850, 1860, 1870, and 1880,” with Martin Rotemberg.

## **Published and Forthcoming Papers**

“Estimating Who Benefits from Productivity Growth: Local and Distant Effects of City Productivity Growth on Wages, Rents, and Inequality,” with Enrico Moretti, May 2022. Forthcoming, *Review of Economics and Statistics*.

“How Much do Existing Borrowers Value Microfinance? Evidence from an Experiment on Bundling Microcredit and Insurance,” with Abhijit Banerjee and Esther Duflo, *Economica*, 85(340)671-700, October 2018. Lead Article.

“Creative Destruction: Barriers to Urban Growth and the Great Boston Fire of 1872,” with Daniel Keniston, *American Economic Review*, 107(6)1365-1398, June 2017. Lead Article.

“Economic Dynamics in the Malthusian Era: Evidence from the 1609 Spanish Expulsion of the Moriscos,” with Eric Chaney, *Economic Journal*, 126(594)1404-1440, August 2016.

“Railroads and American Economic Growth: A “Market Access” Approach,” with Dave Donaldson, *Quarterly Journal of Economics*, 131(2)799-858, May 2016.

“Does Agriculture Generate Local Economic Spillovers? Short-run and Long-run Evidence from the Ogallala Aquifer,” with Pinar Keskin, *American Economic Journal: Economic Policy*, 7(2)192-213, May 2015.

“Bundling Health Insurance and Microfinance in India: There Cannot be Adverse Selection if There is No Demand,” with Abhijit Banerjee and Esther Duflo, *American Economic Review: Papers and Proceedings*, 104(5)291-297, May 2014.

“When the Levee Breaks: Black Migration and Economic Development in the American South,” with Suresh Naidu, *American Economic Review*, 104(3)963-990, March 2014.

"The Historically Evolving Impact of the Ogallala Aquifer: Agricultural Adaptation to Groundwater and Drought," with Pinar Keskin, *American Economic Journal: Applied Economics*, 6(1)190-219, January 2014.

"The Enduring Impact of the American Dust Bowl: Short- and Long-run Adjustments to Environmental Catastrophe," *American Economic Review*, 102(4)1477-1507, June 2012.

"Nature versus Nurture: The Environment's Persistent Influence through the Modernization of American Agriculture," *American Economic Review: Papers and Proceedings*, 102(3)245-249, May 2012.

"Being surveyed can change later behavior and related parameter estimates," with Alix Zwane, Jonathan Zinman, Eric Van Dusen, William Pariente, Clair Null, Edward Miguel, Michael Kremer, Dean Karlan, Xavier Gine, Esther Duflo, Florencia Devoto, Bruno Crepon, and Abhijit Banerjee, *Proceedings of the National Academy of Sciences*, 108(5)1821-1826, February 2011.

"Identifying Agglomeration Spillovers: Evidence from Winners and Losers of Large Plant Openings," with Michael Greenstone and Enrico Moretti, *Journal of Political Economy*, 118(3)536-598, June 2010.

"Barbed Wire: Property Rights and Agricultural Development," *Quarterly Journal of Economics*, 125(2)767-810, May 2010.

### **Other Publications**

"Introducing the 2019 Nevins Prize Finalists, with Thoughts on Research in Economic History," *Journal of Economic History*, Vol. 80, No. 2, pp. 564-565, June 2020.

"When the levee breaks: Black migration and economic development in the American South," in The Long Economic and Political Shadow of History, Volume 3, Vox, edited by Stelios Michalopoulos and Elias Papaioannou, March 2017.

"Review of The Republic of Nature: An Environmental History of the United States by Mark Fiege," *Journal of Economic History*, Vol. 72, No. 4, pp. 1120-1121, December 2012.

"Microfinance and Unexpected Consumption Expenditures," IFPRI 2020 Focus 17, Innovations in Insuring the Poor, Brief 12, December 2009.

"Price Discrimination and Smuggling of AIDS Drugs," *Topics in Economic Analysis & Policy*, 5(1) Article 16, September 2005. (Undergraduate Thesis)

### **Fellowships and Honors**

2014-2016	Sloan Research Fellowship
2014	Excellence Award in Global Economic Affairs, Kiel Institute
2013-2016	Furer Fellow, Harvard University
2013	Clark Award, Harvard University
2009	Review of Economic Studies Tour

## **Grants**

2019	Fama-Miller Center, Chicago Booth
2018-2021	NSF (Co-PI: Martin Rotemberg)
2018	BFI Socioeconomic Inequalities Research Initiative
2018	IGM, Chicago Booth
2017	Innovation Policy Grant, NBER
2016	IGM, Chicago Booth
2013	Lab for Economic Applications and Policy (LEAP), Harvard University
2013	Warburg Fund, Harvard University
2012-2016	NSF (Co-PI: Dave Donaldson)
2012	Warburg Fund, Harvard University
2010-2014	NIH (PI: Esther Duflo)
2010	Harvard University Center for the Environment (HUCE)
2010	Sustainability Science Program, Harvard University
2010	Project on Justice, Welfare, and Economics, Harvard University
2010	Lab for Economic Applications and Policy (LEAP), Harvard University
2010	Taubman Center for State and Local Government, Harvard University
2009	Warburg Fund, Harvard University

## **Teaching**

2020-2022	Applied Microeconomics in Economic History (PhD), University of Chicago
2017-2022	Microeconomics (MBA), University of Chicago
2015-2022	Business in Historical Perspective (MBA), University of Chicago
2015-2016	Business in Historical Perspective (EMBA), University of Chicago
2010-2014	Economic History (Undergraduate), Harvard University
2009-2014	Development (PhD), Harvard University
2009-2010	Economic History (PhD), Harvard University
2008-2009	Economic History (PhD), Massachusetts Institute of Technology

## **Conference and Seminar Presentations**

2021-2022:	Census CES, Ottawa Applied Microeconomics Lab, Schumpeter-BSE-Seminar, Boston University, Yale.
2020-2021:	Berkeley ARE, Berkeley Econ/Hass, Chicago Booth, EHA, Montreal, MSU, NBER (DAE), FRB-Philadelphia, SMU, UPF.
2019-2020:	BREAD/NBER, McGill, NBER (EFEG, CRIW, URB), UIUC.
2018-2019:	Brown, Columbia/NYU, New Economic School, Northwestern.
2017-2018:	Clemson, Duke, Iowa State, LSE, Northwestern, NYU, Oxford, ReStud Reunion Conference, SEA, Toronto, UCLA.
2016-2017:	ACEGD Delhi, M&M Chicago Fed, Columbia, FSU, Harvard, Indiana, OECD, Sciences Po, Wharton.

2015-2016: ABF, BEA, Chicago Booth, Chicago Harris, NYU, Yale.

2014-2015: Berkeley Haas, Chicago Booth, Chicago Econ, Chicago Harris, Chicago Law, Colorado, EHA, EIEF, Harvard, IGC (Urban), MIT, NBER (DAE), Northwestern, PUC-Chile, UIUC, Wisconsin Ag.

2013-2014: AEA, BU, Brown, Cambridge, Dartmouth, EIEF, George Mason, Harvard, Kiel Institute, LSE, Northwestern, Pittsburgh/CMU, SFU, Toulouse, UBC, UCL, Warwick.

2012-2013: Chicago, GW, NBER (EG), RFF.

2011-2012: AEA, Arizona, BREAD, EHA, Harvard, NBER (DAE), Santa Clara, Stanford, Stanford GSB, UC-Berkeley, UC-Berkeley Ag, UC-Davis, UC-Davis Ag, UC-Irvine, UC-Merced, UC-San Diego, UCLA, Yale.

2010-2011: AEA, Bocconi, Brown, Columbia, EHA, Harvard, IIES, Kansas, Miami-OH, Michigan State, NBER (DAE), NEUDC, PERC, Queen's, Stanford, Toronto, UCLA, UC-Santa Barbara, UPF, Vanderbilt, World Bank, Yale.

2009-2010: AEA, Bank of Mexico, Columbia, EHA, FRB-Minneapolis, FRB-Philadelphia, FRB-Richmond, Hong Kong, ITAM, Michigan, NBER (DAE), Stanford, UC-Berkeley, UC-Davis.

2008-2009: BU, Chicago, Chicago Booth, Harvard, HBS, LSE, Maryland Ag, NBER (DAE, PP), NEUDC, Northwestern, Princeton, Review of Economic Studies Tour (Brussels, Oxford, Munich), SITE, UCLA, Wharton, Yale.