

**ZACK COOPER**  
**YALE UNIVERSITY**

*Curriculum Vitae*

77 Prospect Street  
New Haven, CT 06520

Updated: March, 2022

**Education:**

A.B.                   University of Chicago, 2005  
MSc                    London School of Economics, 2006  
Ph.D.                  London School of Economics, 2011

**Career/Academic Appointments:**

2018-Present       Associate Professor, Department of Health Policy and Management, Yale School of Public Health (Primary Appointment); Department of Economics (Secondary Appointment), Yale University  
2012-2018         Assistant Professor, Department of Health Policy and Management, Yale School of Public Health (Primary Appointment); Department of Economics (Secondary Appointment), Yale University  
2011-12            Postdoctoral Fellow in Economics, Centre for Economic Performance, London School of Economics

**Additional Positions:**

2019-Present       Faculty Research Fellow, National Bureau of Economic Research  
2019-Present       Associate Director, Tobin Center for Economic Policy, Yale University  
2014-Present       Charter Faculty, Jackson Institute for Global Affairs, Yale University  
2012-Present       Director of Health Policy, Institution for Social and Policy Studies, Yale University  
2012-Present       Faculty Associate, Centre for Economic Performance, London School of Economics

**Professional Honors & Fellowships**

2021                NIHCM Foundation Research Award for Best Paper  
2020                Yale School of Public Health Investigator Research Award  
2019                Andrew Carnegie Fellow  
2019                NIHCM Foundation Research Award for Best Paper  
2016                Visiting Fellow, Hoover Institution, Stanford University  
2011                Richard Titmuss Prize for Best PhD Thesis (LSE)  
2011                Economic and Social Science Research Council Postdoctoral Fellowship  
2007                Morris Finer Memorial PhD Fellowship  
2007                London School of Economics Post Graduate Studentship  
2005                Graduate with Honors, the University of Chicago  
2002-2005         Dean's List, the University of Chicago

**Bibliography:**

*Working Papers*

1. Politics and Health Care Spending in the United States. NBER Working Paper No. 23748 (with Amanda Kowalski, Eleanor Neff-Powell, and Jennifer Wu).
2. Do Higher-Priced Hospitals Deliver Higher-Quality Care? NBER Working Paper No. 29809 (with Joseph Doyle, John Graves, and Jon Gruber).
3. Geographic Variation in US Health Spending Among the Privately Insured and Enrollees In Medicaid and Medicare (with Chima Ndumele, Jonathan Skinner, Becky Staiger, and Olivia Stieglman).

### **Peer Reviewed Articles**

4. Hospital Lawsuits Over Unpaid Bills Increased by 37 Percent in Wisconsin from 2001 to 2018. *Health Affairs* (2021), 40(12): 1830-1835 (with James Han and Neale Mahoney).
5. Physician Agency, Consumerism, and the Consumption of Lower-Limb MRI Scans. *Journal of Health Economics* (2021), 76(C):40-58 (with Michael Chernew, Eugene Larsen-Hallock, and Fiona Scott Morton).
6. Surprise! Out-of-Network Billing for Emergency Care in the United States. *Journal of Political Economy* (2020), 128(9): 3626 -2677 (with Fiona Scott Morton and Nathan Shekita).
7. Out-of-Network Billing and Negotiated Payments for Hospital-Based Physicians. *Health Affairs* (2020), 39(1) (with Hao Nguyen, Nathan Shekita, and Fiona Scott Morton).
8. Hospital Prices Grew Substantially Faster than Physician Prices from 2007 to 2014. *Health Affairs* (2019), 38(2) (with Stuart Craig, Martin Gaynor, Nir Harish, Harlan Krumholz, and John Van Reenen).
9. Spending Growth on the Privately Insured and Medicare Beneficiaries from 2007 to 2014. *Health Affairs* (2019), 38(2) (with Stuart Craig, Charles Gray, Martin Gaynor, and John Van Reenen).
10. The Price Ain't Right? Hospital Prices and Health Spending on the Privately Insured. *Quarterly Journal of Economics* (2019), 134(1): 51-107 (with Stuart Craig, Martin Gaynor, and John Van Reenen).
11. Does Competition from Private Surgical Centers Improve Hospitals' Performance? Evidence from the English National Health Service. *Journal of Public Economics* (2018), 166: 63-80 (with Steven Gibbons and Matthew Skellern).
12. Out-of-Network Emergency-Physician Bills: An Unwelcome Surprise. *New England Journal of Medicine* (2016), 374(20): 1915 – 1918 (with Fiona Scott Morton).
13. Does Hospital Competition Save Lives? Evidence from the English Patient Choice Reforms. *Economic Journal* (2011), 121: 228-260 (with Stephen Gibbons, Simon Jones, and Alistair McGuire).
14. Equity, Waiting Times, and the NHS Reforms. *British Medical Journal* (2010), 339: 3264-3271 (with Simon Jones, Julian Le Grand, and Alistair McGuire).

### **Invited Editorials and Commentaries**

15. 1% Steps for Health Care Reform: Implications for Health Care Policy and for Researchers. *Health Services Research* (2021), 00: 1–4 (with Fiona Scott Morton).
16. Authors Reply: Facts Matter. *New England Journal of Medicine* (2017), 376(9): 899–900 (with Fiona Scott Morton)
17. Framing Health Reform. *Health Economics, Policy, and Law* (2013), 8: 251–257 (with Julian Le Grand)
18. In Defense of Our Research on Competition in England's National Health Service. *The Lancet* (2011), 278: 2064–2065 (with Nick Bloom, Martin Gaynor, Steven Gibbons, Simon Jones, Alistair McGuire, Rodrigo Moreno-Serra, John Van Reenen, and Stephan Seiler)
19. Making Competition Work in the English NHS: The Case for Maintaining Regulated Prices. *Journal of Health Services Research and Policy* (2011), 16: 193–195 (with Anita Charlsworth)

### **Work in Progress**

1. Analyzing What Drives Hospitals to Adopt New Technology (with Steven Berry and Fiona Scott Morton)
2. Hospital Mergers and Clinical Quality (with Zarek Brot-Goldberg and Stuart Craig)

3. Which Hospital Mergers Raise Prices (with Zarek Brot-Goldberg and Stuart Craig)
4. Analyzing the Impact of Rising Health Care Costs on People, Places, and Firms (with Zarek Brot-Goldberg, Stuart Craig, and Ithai Lurie)
5. Analyzing the Impact of Vertical Integration on Steerage and Providers' Prices (with Stuart Craig, Matthew Grennan, Fiona Scott Morton, and Ashley Swanson)

### Invited Academic Presentations

- 2022: MIT/Harvard/BU Health Economics Seminar (Scheduled), University of Ohio (Scheduled), Stanford (Scheduled), Wharton (Scheduled), Duke (Scheduled).
- 2021: American Economic Association Meetings, the US Department of Defense.
- 2020: Columbia School of Public Health, Memorial Sloan Kettering.
- 2019: BU Health Law Conference, Johns Hopkins Carey, Princeton Economics.
- 2018: Dartmouth College, Yale University, Harvard Kennedy School Health Policy Program,
- 2017: University of Utah Business Economics Conference, University of British Columbia, Northwestern University Health Markets Conference, National Bureau of Economics Research Summer Institute, Kennedy School Health Policy Program.
- 2016: BU/Harvard/MIT Health Seminar, American Economic Association, Congressional Budget Office, Centers for Medicare and Medicaid, MedPAC, Department for Health and Human Services, Federal Trade Commission, Department of Justice, The White House, the Connecticut Governors Health Care Cabinet, Mt. Sinai School of Medicine, University of Chicago Booth School of Business, The University of Chicago Harris School of Public Policy, National Bureau of Economic Research, Northwestern Health Markets Conference, American Society of Health Economics, Society of Actuaries Annual Conference, The Brookings Institution.
- 2015: Dartmouth University, Stanford University, Bureau of Economic Analysis, National Bureau of Economic Research, Northwestern Health Markets Conference.
- 2014: London School of Economics, University of York, American Society of Health Economics Annual Meeting, AcademyHealth, American Economic Association Annual Meeting.
- 2012: University of Chicago, Yale University, University of Texas, Organization for Economic Cooperation and Development, King's College London.
- 2011: University of Pennsylvania, Rotterdam University, Annual Health Economic Conference.
- 2010: Columbia University.

### Professional Service

#### Reviewer

2008-present: *American Economic Journal: Applied Microeconomics*; *American Economic Journal: Economic Policy*; *American Economic Review*; *AER Insights*; *American Journal of Health Economics*; *British Medical Journal*; *Econometrica*; *Economic Letters*; *Health Affairs*; *Health Economics*; *Health Economics, Policy and Law*; *Health Policy*; *Journal of Health Economics*; *Journal of Health Management Review*; *Journal of Health Services Research and Policy*; *Journal of Industrial Economics*; *Journal of Political Economy*; *Journal of Public Economics*; *Journal of the Royal Statistical Society*; *Journal of Social Policy*; *Journal of Urban Economics*; *Lancet*; *New England Journal of Medicine*; *Social Science and Medicine*; *Quarterly Journal of Economics*.

#### Classes Taught:

- 2014 – 2018: Microeconomics for Policy-Makers (with James Levinsohn)
- 2012/13 – Present: Health Economics and US Health Care Policy

### Current Grants

Agency: The Laura and John Arnold Foundation

Title: Key Competition Issues in Health Care Markets: Private Equity Ownership, Vertical Integration, and the Labor Market Effects of Hospital Consolidation

I.D.#: AWD0004840

P.I.: Zack Cooper

Total Costs for Project Period: \$805,254  
Project Period: 07/09/2020 – 06/30/2022

Agency: National Institute for Health Care Management

I.D.#: AWD0002426

Why Does the US Over-Invest in Technology? The Curious Case of MRI Scanners

P.I.: Zack Cooper

Total Costs for Project Period: \$88,607

Project Period: 09/01/2018 – 12/31/2021

Agency: Dartmouth/National Institutes of Health

I.D.#: R1032

Title: Causes and Consequences of Healthcare Efficiency

P.I.: Jonathan Skinner

Total Costs for Project Period: \$617,598

Project Period: 05/01/2018 – 2/28/2023

Agency: The Commonwealth Fund

I.D. #: 20171051

Title: Understanding How Vertical Integration Influences Physician Behavior

P.I.: Zack Cooper

Total Costs for Project Period: \$225,824

Project Period: 7/1/2017 – 12/31/2021

## **Previous Grants**

Agency: The Laura and John Arnold Foundation

Title: The 1 Percent Project

P.I.: Zack Cooper

Total Costs for Project Period: \$706,889

Project Period: 10/01/2018 – 01/31/2021

Agency: The Laura and John Arnold Foundation

Title: The Pricing of Insulin in the United States

P.I.: Zack Cooper

Total Costs for Project Period: \$243,494

Project Period: 09/01/2018 – 08/31/2020

Agency: The Laura and John Arnold Foundation

Title: Out-of-Network Billing in the United States

P.I.: Zack Cooper

Total Costs for Project Period: \$119,735

Project Period: 09/01/2018 – 08/31/2019

Agency: Jameel Poverty Action Laboratory

Title: Do Informed Patients Make Better Choices?

P.I.: Zack Cooper

Total Costs for Project Period: \$49,821

Project Period: 1/2/2017 – 6/30/2018

Agency: Jean-Jaques Laffont Foundation

Title: Understanding How Patients Get Matched with Locations for Secondary Care

P.I.: Zack Cooper

Total Costs for Project Period: \$20,000

Project Period: 3/12/17 – 1/20/2018

Agency: National Institute for Health Care Management

Title: Identifying the Scope of Shopping for Health Services and the Limits of Price Transparency  
P.I.: Zack Cooper  
Total Costs for Project Period: \$16,071  
Project Period: 1/1/2017 – 12/31/2017

Agency: National Institute for Health Care Management  
Title: Analyzing the Frequency, Causes, and State Responses to Surprise Out-of-Network Billing  
P.I.: Zack Cooper  
Total Costs for Project Period: \$44,259  
Project Period: 9/1/2016 – 8/31/2017

Agency: Commonwealth Fund  
Title: Understanding Pricing Dynamics in US Health Care  
P. I.: Zack Cooper  
Total costs for project period: \$384,845  
Project period: 1/1/2015 – 12/31/2016

Agency: The Arnold Foundation  
Title: Testing the Effect of Price Transparency on Patient Behavior  
P.I.: Zack Cooper  
Total costs for project period: \$120,447  
Project Period 10/1/2014 – 9/30/2016

Agency: National Institute for Health Care Management  
Title: Do Higher Priced Providers Deliver Higher Quality Care? An Analysis of the Price/Quality Relationship Using HCCI Data  
P.I.: Zack Cooper  
Total costs for project period: \$68,656  
Project period: 1/12/2015 – 1/11/2016

Agency: Commonwealth Fund  
Title: Tracking Private and Medicare Costs by Clinical Condition  
P. I.: Zack Cooper  
Total costs for project period: \$156,509  
Project period: 9/1/2014 – 8/31/2015

Agency: Economic and Social Science Research Council  
Title: Patient Choice, Hospital Competition and Health Care Quality: Evidence from the English National Health Service  
P. I.: Zack Cooper  
Total costs for project period: \$270,000  
Project period: 1/28/2011 – 06/12/2012