

ZACK COOPER
Curriculum Vitae

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Education:

A.B. University of Chicago, 2005, with Honors.
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:

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

2016 Visiting Fellow, Hoover Institution, Stanford University
2011 Richard Titmuss PhD Thesis Prize (LSE)
2011 Economic and Social Science Research Council Postdoctoral Fellowship
2007 Morris Finer Memorial PhD Fellowship
2007 London School of Economics Post Graduate Studentship
2002-2005 Dean's List, The University of Chicago

Bibliography:

Peer-Reviewed Original Research

1. The Price Ain't Right? Hospital Prices and Health Spending on the Privately Insured. *Forthcoming, Quarterly Journal of Economics* (with Stuart Craig, Martin Gaynor, and John Van Reenen)
2. Competition from Private Surgical Centers Improve Hospitals' Performance? Evidence from the English National Health Service. *Conditionally Accepted, Journal of Public Economics* (with Steven Gibbons and Matthew Skellern)
3. Out-of-Network Emergency-Physician Bills: An Unwelcome Surprise. *New England Journal of Medicine*, 2016, 374(20): 1915 – 1918 (with Fiona Scott Morton)
4. 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)
5. Equity, Waiting Times, and the NHS Reforms". *British Medical Journal*, 2010, 339: 3264-3271 (with Simon Jones, Julian Le Grand, and Alistair McGuire)

Working Papers

6. Surprise! Out-of-Network Billing for Emergency Care in the United States. *NBER Working Paper No. 23623, 2017. In Review* (with Fiona Scott Morton and Nathan Shekita)

7. Politics, Hospital Behavior, and Health Care Spending. NBER Working Paper No. 23748, 2017. *In Review* (with Amanda Kowalski, Eleanor Neff-Powell, and Jennifer Wu)
8. Is Health Care Shoppable? Evidence from the Consumption of Lower-Limb MRI scans. NBER Working Paper No. 24869. *In Review* (with Michael Chernew, Eugene Larsen-Hallock, and Fiona Scott Morton)
9. Hospital Prices Grew Substantially Faster than Physician Prices from 2007 to 2014. *Revisions Requested, Health Affairs* (with Stuart Craig, Martin Gaynor, Nir Harish, Harlan Krumholz, and John Van Reenen)
10. Spending Growth on the Privately Insured and Medicare Beneficiaries from 2007 to 2014. *Revisions Requested, Health Affairs* (with Stuart Craig, Charles Gray, Martin Gaynor, and John Van Reenen)
11. Concentration and Consolidation in the U.S. Hospital Industry, 2001 to 2014. *In Review* (with Stuart Craig, Charles Gray, Martin Gaynor, and John Van Reenen)

Invited Editorials and Commentaries

12. Authors Reply: Facts Matter. *New England Journal of Medicine*, 2017. 376(9): 899 – 900 (with Fiona Scott Morton)
13. Framing Health Reform?. *Health Economics, Policy, and Law*, 2013, 8: 251-257 (with Julian Le Grand)
14. 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)
15. 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)

Larger Research Projects

- **Pricing dynamics Research:** Together with Martin Gaynor (Carnegie Mellon) and John Van Reenen (MIT), we have worked with the Health Care Cost Institute to assemble the nation’s largest collection of private insurance claims data. Crucially, this data includes geographic information and the prices insurers negotiate with providers for care delivered to their beneficiaries. We will be producing a series of papers analyzing pricing dynamics within the US health care industry. This includes work analyzing the variation and growth in health care providers’ prices, work testing the extent to which providers’ cost shift between public and private patients, and examining the impact of consolidation on hospital prices.
- **Price Transparency and Value-Based Insurance Design Randomized Controlled Trial:** Together with Fiona Scott Morton (Yale) and Michael Chernew (Harvard), we are working with a large commercial insurer to carry out a large randomized control trial of the impact of price transparency and value-based insurance design on patient choice of treatment and provider prices.

Writing for the Popular Press: Editorials in the Financial Times, the Guardian, and the Huffington Post.

Invited Presentations

- 2018: Dartmouth University (Scheduled)
- 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 Reviewer for *British Medical Journal*; *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 the Royal Statistical Society*; *Journal of Social Policy*; *Journal of Urban Economics*; *Lancet*; *Social Science and Medicine*; *Quarterly Journal of Economics*.

Classes Taught:

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

Current Grants

Agency: Commonwealth Fund

I.D. #: 20171051

Title: Understanding How Vertical Integration Influences Physician Behavior

P.I.: Zack Cooper

Percent Effort: 20%

Total Costs for Project Period: \$225,824

Project Period: 7/1/2017 – 8/31/2019

Agency: Jean-Jaques Laffont Foundation

I.D. #:

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

P.I.: Zack Cooper

Percent Effort: 1% (this grant does not allow investigator time)

Total Costs for Project Period: \$20,000.00

Project Period: 3/120/17 – 1/20/2018

Agency: Jameel Poverty Action Laboratory

I.D. #:

Title: Do Informed Patients Make Better Choices?

P.I.: Zack Cooper

Percent Effort: 1% (this grant does not allow investigator time)

Total Costs for Project Period: \$49,821

Project Period: 1/2/2017 – 6/30/2018

Previous Grants

Agency: National Institute for Health Care Management

I.D. #:

Title: Identifying the Scope of Shopping for Health Services and the Limits of Price Transparency

P.I.: Zack Cooper

Percent Effort: 1%

Total Costs for Project Period: \$16,071

Project Period: 1/1/2017 – 12/31/2017

Agency: National Institute for Health Care Management

I.D. #:

Title: Analyzing the Frequency, Causes, and State Responses to Surprise Out-of-Network Billing

P.I.: Zack Cooper

Percent Effort: 1%

Total Costs for Project Period: \$44,259

Project Period: 9/1/2016 – 8/31/2017

Agency: Commonwealth Fund

I.D.#:20150184

Title: Understanding Pricing Dynamics in US Health Care

P. I.: Zack Cooper

Percent effort: 25%

Total costs for project period: \$384,845

Project period: 1/1/2015 – 12/31/2016

Agency: The Arnold Foundation

I.D. #:282430.509.427.0021

Title :Testing the Effect of Price Transparency on Patient Behavior

P.I.: Zack Cooper

Percent Effort: 30%

Total costs for project period: \$120,447

Project Period 10/1/2014 – 9/30/2016

Agency: National Institute for Health Care Management

I.D.#:

Title: Do Higher Priced Providers Deliver Higher Quality Care? An Analysis of the Price/Quality Relationship Using HCCI Data

P.I.: Zack Cooper

Percent effort: 18%

Total costs for project period: \$68,656

Project period: 1/12/2015 – 1/11/2016

Agency: Commonwealth Fund

I.D.#20150031

Title:Tracking Private and Medicare Costs by Clinical Condition

P. I.:Zack Cooper

Percent effort: 15%

Total costs for project period: \$156,509

Project period: 9/1/2014 – 8/31/2015

Agency: Economic and Social Science Research Council

I.D.# PTA-026-27-2719/ES/I008578/1

Title: Patient Choice, Hospital Competition and Health Care Quality: Evidence from the English National Health Service

P. I.: Zack Cooper

Percent effort: 100%

Total costs for project period: \$270,000

Project period: 1/28/2011 – 06/12/2012