

GEORGE STOYE

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Contact information

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Employment

Jan 2020– Institute for Fiscal Studies. Associate Director.
2016–2019 Institute for Fiscal Studies. Senior Research Economist.
2011–2015 Institute for Fiscal Studies. Research Economist.

Education

2013–2020 Ph.D. Economics, University College London.
2010–2011 MSc. Economics (Distinction), University College London.
2007–2010 BSc. Economics (First Class Honours), University College London.

Other appointments and affiliations

2019– Deputy Director, NIHR Health and Social Care Workforce Research Unit.

Academic visits

Fall 2016 Visiting Researcher, National Bureau of Economic Research.

Working papers

“The Distribution of Doctor Quality: Evidence from Cardiologists in England”, *IFS Working Paper W22/30*, August 2022 (*Revisions requested at the Journal of Political Economy: Microeconomics*)

“Financial Incentives and Doctor Labour Supply: Evidence from a Pension Tax Reform in England” (with Carol Propper and Max Warner), *IFS Working Paper W23/26*, September 2023

Works in progress

“How Redistributive is the English NHS?” (with Eric French, Jeremy McCauley and Ben Zaranko)

Peer-reviewed publications in economics journals

“The Effects of Doctor Strikes on Patient Outcomes: Evidence from the English NHS” (with Max Warner), *Journal of Economic Behavior and Organization*, 212(2023), pp 698-707. June 2023

“Saving Lives By Tying Hands: The Unexpected Effects of Constraining Health Care Providers” (with Jonathan Gruber and Thomas P. Hoe), *Review of Economics and Statistics*, 105(1), January 2023.

“Long-term Care Spending and Hospital Use Among the Older Population in England” (with Rowena Crawford and Ben Zaranko), *Journal of Health Economics*, Vol 78, July 2021.

“The Impacts of Private Provider Entry on the Public Market for Elective Care in England” (with Elaine Kelly), *Journal of Health Economics*, Vol 73, September 2020.

“Medical Labour Supply and the Production of Healthcare” (with Tom Lee and Carol Propper), *Fiscal Studies*, Vol 40(4), February 2020.

“Cheaper, Greener and More Efficient: Rationalising UK Carbon Prices” (with Arun Advani), *Fiscal Studies*, Vol 38(2), June 2017.

“People or Places? Factors Associated with the Presence of Domestic Energy Efficiency Measures in England” (with Andrew Leicester), *Fiscal Studies*, Vol 38(2), June 2017.

“Public Hospital Spending in England: Evidence from National Health Service Administrative Records” (with Elaine Kelly and Marcos Vera-Hernández), *Fiscal Studies*, Vol 37 (3-4), November 2016.

“Challenges to Promoting Social Inclusion of the Extreme Poor: Evidence from a Large Scale Experiment in Colombia” (with Laura Abramovsky, Orazio Attanasio, Kai Barron and Pedro Carneiro), *Economia, the LACEA Journal*, Vol 16(2), pp 89-141, April 2016.

Peer-reviewed publications in health policy and medical journals

“Dementia Incidence Trend in England and Wales 2002-2019 and Projection for Dementia Burden to 2020: English Longitudinal Study of Ageing” (with Yuntao Chen, Piotr Bandosz, Eric Brunner, Sophia Lobanov-Rostovsky, Jing Liao, Mika Kivimaki, Gill Livingston, Eric French, Yuyang Liu and Yanjuan Wu), *The Lancet Public Health*, 8(11):E859-E867, November 2023.

“Socioeconomic Deprivation and Ethnicity Inequalities in Disruption to NHS Hospital Admissions during the COVID-19 Pandemic: A National Observational Study” (with Max Warner, Samantha Burn, Paul Aylin, Alex Bottle and Carol Propper), *BMJ Quality and Safety*, 31:590-598, July 2022 (First published online November 2021).

“What will the cardiovascular disease slowdown cost? Modelling the impacts of CVD trends on dementia, disability, and economic costs in England and Wales from 2020-2029” (with Brendan Collins, Piotr Bandosz, Maria Gusman-Castillo, Jonathan Pearson-Stuttard, Jeremy McCauley, Sara Ahmadi-Abhari, Marzieh Araghi, Martin Shipley, Simon Capewell, Eric French, Eric Brunner and Martin O’Flaherty), *PLOS ONE*, 17(6), June 2022

“Educational Inequalities in Hospital Use Among Older Adults in England” (with Ben Zaranko, Martin Shipley, Martin McKee and Eric Brunner), *The Milbank Quarterly*, October 2020.

Requested (non peer-reviewed) journal articles

“The Wider Impacts of the Coronavirus Pandemic on the NHS” (with Carol Propper and Ben Zaranko), *Fiscal Studies*, Vol 41, June 2020.

“The Outlook for Public Spending on the NHS” (with Rowena Crawford), *The Lancet*, Vol 385, No 9974, pp 1155-1156, March 2015.

Selected policy publications

“Patterns of less-than-full-time working by NHS consultants” (with Elaine Kelly and Max Warner), IFS Report, May 2023

“Patterns of Employment amongst Nursing Associates: Evidence from the Electronic Staff Record” (with Max Warner, Ian Kessler and Jill Manthorpe), NIHR Policy Research Unit in Health and Social Care Workforce, The Policy Institute, King’s College London, February 2023

“Factors associated with staff retention in the NHS acute sector” (with Elaine Kelly and Max Warner), IFS Report R216, August 2022

“Direct and indirect health impacts of COVID-19 in England” (with Max Warner), DHSC and ONS supporting paper for SAGE 95 meeting, September 2021

“What happened to English NHS hospital activity during the COVID-19 pandemic?” (with Samantha Burn, Carol Propper, Max Warner, Paul Aylin and Alex Bottle), IFS Briefing Note, May 2021

“Costs of living and the impact on nursing labour outcomes in NHS acute trusts” (with Carol Propper and Isabel Stockton), IFS Report, February 2021

“COVID-19 and disruptions to the health and social care of older people in England” (with Carol Propper and Isabel Stockton), IFS Briefing Note BN309, November 2020

“How accurate are self-reported diagnoses? Comparing self-reported health events in the English Longitudinal Study of Ageing with administrative hospital records” (with Ben Zaranko), *IFS Working Paper W20/13*, May 2020.

“The wider impacts of the coronavirus pandemic on the NHS” (with Carol Propper and Ben Zaranko), IFS Briefing Note BN280, April 2020

“Recent trends in independent sector provision of NHS-funded elective hospital care in England”, Institute for Fiscal Studies Election Briefing Note BN268, December 2019.

“UK health spending” (with Ben Zaranko), Institute for Fiscal Studies, December 2019.

“Variation in End-of-life Hospital Spending in England: Evidence from Linked Survey and Administrative data” (with Tom Lee), *IFS Working Paper W19/22*, September 2019.

“Health and economic outcomes” (with Paul Johnson and David Sturrock) in Jonathan Pearson-Stuttard and Orla Murphy (eds.) Annual Report of the Chief Medical Officer 2018, Health 2040 - Better Health Within Reach. Department of Health and Social Care, December 2018.

“Does the NHS need more money and how could we pay for it?”, Institute for Fiscal Studies, June 2018.

“What does the NHS spend its money on?” (with Tom Lee) in Charlesworth A, Johnson P (eds.) Securing the future: funding health and social care to the 2030s, pp 3017. Institute for Fiscal Studies, May 2018.

“UK health and social care spending” (with Tom Lee) in Charlesworth A, Johnson P (eds.) Securing the future: funding health and social care to the 2030s, pp 3017. Institute for Fiscal Studies, May 2018.

“UK health spending”, Institute for Fiscal Studies Election Briefing Note BN201, May 2017.

“The prevalence and dynamics of social care receipt” (with Rowena Crawford), Institute for Fiscal Studies Research Report R125, February 2017.

“UK health and social care spending” (with Daria Luchinskaya and Polly Simpson), in Carl Emmerson, Paul Johnson and Robert Joyce (eds.) Institute for Fiscal Studies Green Budget, February 2017.

“Challenges for health spending” (with Rowena Crawford), in Carl Emmerson, Paul Johnson and Robert Joyce (eds.) Institute for Fiscal Studies Green Budget, February 2015.

“Does GP Practice Size Matter? GP practice size and primary care” (with Elaine Kelly), Institute for Fiscal Studies Research Report, November 2014.

“Household energy use in Britain: a distributional analysis” (with Arun Advani, Paul Johnson and Andrew Leicester), Institute for Fiscal Studies Research Report, November 2013.

“Energy use policies and carbon pricing in the UK” (with Arun Advani, Samuela Bassi, Alex Bowen, Sam Fankhauser, Paul Johnson and Andrew Leicester), Institute for Fiscal Studies Research Report, November 2013.

“Public payment and private provision: the changing landscape of health care in the 2000s” (with Sandeepa Arora, Anita Charlesworth and Elaine Kelly), Institute for Fiscal Studies & Nuffield Trust Research Report, May 2013.

“Fuel for thought: the what, how and why of motoring taxation” (with Paul Johnson and Andrew Leicester), Institute for Fiscal Studies RAC Foundation Research Report, May 2012.

“UK Development Aid” (with Emla Fitzsimons and Daniel Rogger), in Carl Emmerson, Paul Johnson and Helen Miller (eds.) Institute for Fiscal Studies Green Budget, February 2012.

Awards and academic prizes

- 2023 Harding Prize for Trustworthy Communication (Winton Centre for Risk and Evidence Communication, University of Cambridge)
- 2010 Dean’s List for Academic Excellence (UCL Faculty of Social and Historical Sciences)

Research grants

- 2024-2028 Health and Social Care Workforce Policy Research Unit
Co-Investigator
National Institute for Health Research, January 2024 - December 2028, £5,500,000.
- 2023-2026 The health impacts of disruptions to the health and long-term care workforce
Principal Investigator
British Academy Postdoctoral Fellowship Award, Oct 2023 - Sept 2026, £470,000.
- 2020-2021 Understanding the impacts of COVID-19 on the provision of NHS health care and patient outcomes
Co-Investigator
Economic and Social Research Council, June 2020-May 2021, £127,526.
- 2019-2020 The allocative efficiency of health spending on older people: lessons from data linkage
Principal Investigator
Health Foundation Efficiency Research Programme, June 2019-May 2020, £60,000.
- 2019-2023 Health and Social Care Workforce Policy Research Unit
Co-Investigator
National Institute for Health Research, January 2019 - December 2023, £5,000,000.
- 2019-2021 The impact of medical labour on variation in patient outcomes: evidence from English public hospitals
Co-Investigator
Economic and Social Research Council, January 2019 - December 2021, £520,000.
- 2018 Funding UK health and social to the 2030s
Co-Investigator
NHS Confederation and Health Foundation, January 2018 - June 2018, £125,000.
- 2015-2019 The allocative efficiency of health spending on older people
Co-Investigator
Health Foundation Efficiency Research Programme, April 2015-March 2019, £400,000.
- 2015-2016 Population change and the use and quality of maternity care in England
Principal Investigator
Health Foundation Policy Challenge Fund, October 2015-December 2016, £52,000.

Seminars and presentations (including scheduled)

2024	Economic and Social Research Institute, Dublin; Centre for Health Economics, University of York.
2023	International Health Economics Association Annual Conference.
2022	Society of Labour Economists Annual Conference; European Health Economics Association Annual Conference, University of Oslo; University of Oxford.
2021	Essen Health Conference (Virtual); American Society of Health Economists Annual Conference (Virtual).
2019	Paris School of Economics; University of Manchester; UK Department of Health; European Economic Association (EEA) Annual Conference, University of Manchester.
2018	Royal Economic Society (RES) Annual Conference, University of Sussex; UK Department of Health; UCL.
2017	University of Oxford; UCL; International Institute of Public Finance (IIPF) Annual Congress, University of Tokyo; NHS Improvement.
2016	UK Health and Social Care Information Centre; RES Annual Conference, University of Sussex; Immigration, Health and Well-being Workshop, University of Oxford; King's College London; UK Department of Health; IIPF Annual Congress, University of Nevada at Reno; European Association of Labour Economists Annual Conference, University of Ghent; UCL; Queen's University, Belfast.
2015	UK Department of Health; EEA Annual Conference, University of Mannheim; Medical Spending in the Developed World Conference, Institute for Fiscal Studies.
2014	RES Annual Conference, University of Manchester; EEA and Econometric Society Annual Conference, University of Toulouse; University of Manchester.
2013	UCL Energy Institute.

Professional activities

Economics journals	Economic Journal, Empirical Economics, Fiscal Studies, Health Economics, Journal of Health Economics, Journal of Labor Economics, Journal of Political Economy, Journal of Political Economy: Microeconomics, Journal of Public Economics, Journal of the Association of Environmental and Resource Economists, Journal of the European Economic Association.
Other journals	BMJ Open, BMJ Public Health, BMC Health Services Research, Nature Aging.
Funding bodies	Economic and Social Research Council, The Health Foundation, Medical Research Council, National Institute for Health Research.
Advisory Group	ONS Health Index Expert Advisory Group (2019-2023).

Teaching activities

Lecturer	Gave annual 'Public Economics Lectures' (Health) to undergraduate students at the University of Oxford, University of Cambridge, and at the IFS, between 2013 and 2017 Ad-hoc lectures on motoring taxation (Bristol University, Economics BSc) and health systems (Imperial College London, Public Policy MSc)
Teaching assistant	Health Economics, an Economics MSc option course at UCL in 2017 and 2018