

SEFI J. ROTH

CONTACT

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ACADEMIC POSITIONS:

2016 – Assistant Professor of Environmental Economics, London School of Economics

2015–2016 Fellow in Environmental Economics, London School of Economics

ACADEMIC AFFILIATIONS:

2022 – Founder and co-lead of The Economics of Air Pollution (EAP) group, Grantham Research Institute on Climate Change and the Environment, LSE

2017 – Research Fellow, IZA (The Institute for the Study of Labor), Bonn

2016 – Associate, Grantham Research Institute on Climate Change and the Environment, LSE

EDUCATION

2010–2016 PhD Economics, Royal Holloway, University of London

2015 Visiting PhD Student, University College London

2009–2010 MSc Economics, Royal Holloway, University of London

2006–2009 BSc Management with Economics, Royal Holloway, University of London

RESEARCH INTERESTS

Environmental Economics, Health Economics, Urban Economics, Labour Economics and Economics of Education

PUBLICATIONS:

“The Long Run Economic Consequences of High-Stakes Examinations: Evidence from Transitory Variation in Pollution” Joint with Avraham Ebenstein and Victor Lavy. *American Economic Journal: Applied Economics*. 8(4): 36-65, 2016.

“Crime is in the Air: The Contemporaneous Relationship between Air Pollution and Crime” Joint with Malvina Bondy and Lutz Sager. *Journal of the Association of Environmental and Resource Economists*. 7(3): 555-585. 2020.

“Urban Density and COVID-19: Understanding the US Experience” Joint with Felipe Carozzi and Sandro Provenzano. *The Annals of Regional Science*. 1-32. 2022

“Dirty Density: Air Quality and Urban Density of American Cities” Joint with Felipe Carozzi. *Journal of Environmental Economics and Management*. 18: 102767. 2023

“The Price of Indoor Air pollution: Evidence from Risk Maps and the Housing Market”
Joint with Edward Pinchbeck, Nikodem Szumilo and Enrico Vanino. *Journal of the Association of Environmental and Resource Economists*. 10(6), 1439-1473. 2023

COMPLETED WORKING PAPERS:

“Some Like it Cold: The Persistent Cost of Higher Temperatures in European Economic Sectors” joint with Ben Groom and Manuel Linsenmeier – **Reject and Resubmit**

“Air Pollution and Respiratory Infectious Diseases” joint with Lutz Sager and Sandro Provenzano - **Revise and Resubmit**

The Effect of Indoor Air Pollution on Cognitive Performance: Evidence from the UK (submitted)

“Do Students Work Harder if University Costs More?” Joint with Parama Chaudhury and Lorenzo Lotti (under revision)

“The Impact of Short-Term Exposure to Ambient Air Pollution on Cognitive Performance and Human Capital Formation” Joint with Avraham Ebenstein and Victor Lavy. NBER Working Paper 20648 (permanent working paper)

REVIEW PAPERS (peer-reviewed)

“Air Pollution, Scholastic Achievements and Human Capital Formation”. *IZA World of Labor*. 2017

TEACHING EXPERIENCE

2022- Present: Programme Director, Double Master’s Degree (with PKU) in Environmental Policy, Technology and, London School of Economics.

2020-2022: Programme Director, MSc Environmental Economics and Climate Change, London School of Economics.

2015 - : Lecturer, London School of Economics: Environmental and Resource Economics and Applied Environmental Economics

2013–2015: Lecturer, Royal Holloway, University of London: Environmental Economics, Economic Growth, Introduction to Economic Growth.

2010-2015: Teaching Assistant, Royal Holloway and University College London: Economics of Education, Microeconomics, Macroeconomics, Labor Economics, Quantitative Methods of Economics I & II and Intermediate Macroeconomics.

Supervised PhD students and 1st job:

Mook Bangalore (2023) – Penn State

Anshuman Tiwari (2022) – University of California, Santa Barbara (UCSB)

Manuel Linsenmeier (2022) – Columbia University

MEDIA COVERAGE

Financial Times (13/04/22), The Times (29/9/19), The Daily Mail (29/9/19), The Sun (29/9/19), Financial Times (17/9/19), (BBC Future (16/4/19), BBC News (27/4/18), The Wall Street Journal (27/4/18), The independent (26/4/18), The Sun (26/4/18), Daily Mail (26/4/18), iNews (26/4/18), BBC World (11/03/16), The Economist (15/11/14), Bloomberg (10/11/14), The Huffington Post, (7/11/14) The Washington Post (4/11/14).

INVITED CONFERENCES AND PRESENTATIONS

2023-2024: University of Southern California, Advances in Field Experiments Conference, University of Birmingham, Research Seminar on Environmental, Resource, and Climate Economics (at MCC, Berlin), University of Cambridge, Institute of Fiscal Studies (IFS), University of Exeter,

2022-2023: University of Chicago, University of Southern California, Stockholm School of Economics, University of Sheffield, University of Birmingham, AERE Summer Conference.

2021-2022: London School of Economics, AERE Summer Conference

2020-2021: London School of Economics, Hebrew University of Jerusalem, UCLA, IZA Conference on Labor Market Effects of Environmental Policies.

2019-2020: London School of Economics, Maastricht University and AERE Summer Conference. Presentations cancelled due to COVID-19 are not listed.

2018-2019: The University of Manchester, London School of Economics, AERE Summer Conference, EAERE Annual Conference, The 34th congress of the European Economic Association.

2017-2018: IZA Conference on Labor Market Effects of Environmental Policies, London School of Economics, Envecon: Applied Environmental Economics Conference, Essen Health Conference - Health and Environment

2016-2017: London School of Economics, University College London, University of Strathclyde, University of Neuchâtel

2015-2016: London School of Economics, University College London, Royal Holloway, The Hebrew University of Jerusalem, SOLE, Ben-Gurion University of the Negev, University of Haifa, RES Symposium of Junior Researchers, IZA Conference on Labor Market Effects of Environmental Policies

SCHOLARSHIPS, QUALIFICATIONS AND AWARDS

2022-2023: Excellence in Education Award, LSE

2017-2018: Excellence in Education Award, LSE

2015-2016: Student Led Teaching Excellence Award, LSE

2015-2018: LSE PGCertHE (Associate level)

2013-2015: Excellence in Teaching Award, UCL (For two consecutive years)

2010-2013: Crossland Scholarship Award for academic merit

2010-2013: College Research Scholarship, Royal Holloway

2010-2013: Royal Holloway Departmental Bursary

PROFESSIONAL SERVICE

Member of the UK Clean Air Programme Steering Committee

Head of the Clean Air Programme Task and Finish Group 'A Clean Air Community'

Referee for American Economic Review, American Economic Journal: Applied Economics, American Economic Journal: Economic Policy, European Economic Review, Journal of the Association of Environmental and Resource Economists, Journal of Environmental Economics and Management, Journal of Human Resources, Journal of Public Economics, Journal of Urban Economics, Journal of the Royal Statistical Society, The Economic Journal, The Quarterly Journal of Economics.

REFERENCES

Upon Request