

Elizabeth Baldwin

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Current Academic Positions

- 2017 – Associate Professor, Department of Economics, Oxford University.
2017 – Roger Van Noorden Tutorial Fellow in Economics, Hertford College, Oxford.

Consulting Experience

- 2012 – Consultant on auctions for renewable energy subsidies to UK Department of Business, Energy and Industrial Strategy (formally Department of Energy and Climate Change).
2011 – 2014 Advisor on auction design to the Bank of England, with Paul Klemperer.

Previous Academic Positions

- 2014 – 2017 Co-investigator, Economic and Social Research Council project: “Auctions for Multiple Goods, and Understanding Consumer Preferences”, ES/L003058/1.
2016 – 2017 Research Fellow, Department of Economics, Oxford University.
2016 – 2017 Research Fellow, Nuffield College, Oxford University.
2016 – 2017 Visiting Fellow, Grantham Research Institute on Climate Change and the Environment, London School of Economics.
2014 – 2016 Post-doctoral Research Officer, Grantham Research Institute on Climate Change and the Environment, London School of Economics.
2006 – 2008 Fulford Junior Research Fellow, Somerville College, Oxford University.
Post-doctoral Research Assistant, Mathematical Institute, Oxford University.
2006 Post-doctoral Researcher, Mittag-Leffler Institute, Sweden.

Research

Working Papers

“The Equilibrium Existence Duality: Equilibrium with Indivisibilities & Income Effects”
(with Omer Edhan, Ravi Jagadeesan, Paul Klemperer and Alex Teytelboym).

“Solving Strong-Substitutes Product-Mix Auctions”
(with Paul Goldberg, Paul Klemperer and Edwin Lock).

“Choosing in the Dark: Incomplete Preferences, and Climate Policy”.

“Tropical Geometry to Analyse Demand”
(with Paul Klemperer).

Work in Progress

“Implementing Walrasian Equilibrium – the Language of Product-Mix Auctions.”
(with Paul Klemperer).

“Substitute Goods, Competitive Equilibrium, and Vickrey Outcomes”
(with Paul Klemperer and Paul Milgrom).

“‘Demand Types’, and Stable Multi-Agent Matching”
(with Paul Klemperer).

“‘Demand types’, and Comparative Statics with Indivisibilities”
(with Paul Klemperer).

Publications

“Understanding Preferences: “Demand Types”, and the Existence of Equilibrium with Indivisibilities”
(with Paul Klemperer).

Econometrica Volume 87, Number 3 (May, 2019) Pages 867-932.

“To Build or Not To Build? Capital Stocks and Climate Policy”

(with Yongyang Cai and Karlygash Kuralbayeva). *Journal of Environmental Economics and Management*, in press, available online May 2019.

“Spatial Development of Hydrogen Economy in a Low-Carbon UK Energy System”

(with Nazmiye Balta-Ozkan). *International Journal of Hydrogen Energy*, 38:1209 – 1224, 2013.

“Thinking Through The Climate Change Challenge”

(with Robert Hahn and others). In *Climate Change and Common Sense: Essays in Honour of Tom Schelling*, Robert Hahn and Alistair Ulph, eds., Oxford University Press, 2012.

“A Geometric Invariant Theory Construction of Moduli Spaces of Stable Maps”

(with David Swinarski). *International Mathematics Research Papers*, Vol. 2008, 104 pages.

“A GIT Construction of Moduli Spaces of Stable Maps in Positive Characteristic”.

Journal of the London Mathematical Society, 78(1):107-124, 2008.

Invited Presentations

Economics Bristol University; Cambridge University; CERGE-EI, Prague; Environmental Defense Fund; Exeter University; Institut Henri Poincaré; London School of Economics; Manchester University; Mittag-Leffler Institute, Stockholm; Oxford University; Pennsylvania State University; Stockholm School of Economics; University College London; Universität Bonn (plenary); Warwick University; Vanderbilt University; Yale University; York University.

Philosophy London School of Economics; Oxford University; University of Zurich.

Mathematics Geneva University; Hokkaido University (plenary); London School of Economics; Manchester University; Mittag-Leffler Institute; Oxford University; Warwick University

Education

- 2010 – 2014 DPhil in Economics, Oxford University.
2008 – 2010 MPhil in Economics, Oxford University. Distinction.
2003 – 2006 DPhil in Mathematics, Oxford University.
1999 – 2003 MMath in Mathematics, Oxford University. 1st class honours.

Prizes, Scholarships and Fellowships

- 2017 – Affiliate Member, CESifo Research Network.
2017 Visiting Researcher, Mittag-Leffler Institute, Sweden.
2014 – 2016 Associate Member, Nuffield College, Oxford University.
2013 – 2016 Visiting Fellow, Smith School of Enterprise and Environment, Oxford University.
2011 – 2014 Linnet Scholarship in Environmental Economics, Balliol College, Oxford University.
2010 University prize, MPhil in Economics (first of 39 graduating students).
2008 – 2011 Studentship, Nuffield College, Oxford University.
2003 – 2006 Doctoral studentship, Engineering and Physical Sciences Research Council.
2003 Junior Mathematics Prize, Oxford University.
Takashi Kasaki Prize, Wadham College, Oxford University.