

## Elizabeth Baldwin

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### Current Academic Positions

- 2017 – Associate Professor, Department of Economics, Oxford University.
- 2017 – Roger Van Noorden Fellow and Tutor 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.

### 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.

### 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

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

“To Build or Not To Build? Capital Stocks and Climate Policy” (with Yongyang Cai and Karlygash Kuralbayeva).

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

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

### Work in Progress

“Prices versus Quantities with Incomplete Preferences”.

“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).

“Solving Strong-Substitute Product-Mix Auctions.” (with Paul Goldberg and Paul Klemperer).

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

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

### Publications

“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

## 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 Kisaki Prize, Wadham College, Oxford University.