

**Dr. 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.

**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 researcher, Grantham Research Institute, London School of Economics.  
 2006 – 2008 Fulford Junior Research Fellow, Somerville College, Oxford University.  
 Post-doctoral Researcher, Mathematical Institute, Oxford University.  
 2006 Visiting Post-doctoral Researcher, Mittag-Leffler Institute, Sweden.

**Prizes, Scholarships and Fellowships**

- 2017 – Affiliate Member, CESifo Research Network.  
 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.

**Research****Working Papers**

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

“Build Now, Regret Later? Infrastructure and Climate Policy”  
(with Yongyang Cai and Karlygash Kuralbayeva).

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

“Implementing Walrasian Equilibrium: The Multidimensional Product-Mix Auction”  
(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.

## Education

2010 – 2014 DPhil in Economics, Oxford University.

Thesis title: Modelling Preferences in Economics

2008 – 2010 MPhil in Economics, Oxford University. Distinction.

2003 – 2006 DPhil in Mathematics, Oxford University.

Thesis title: A Geometric Invariant Theory Construction of Moduli Spaces of Stable Maps.

1999 – 2003 MMath in Mathematics, Oxford University. 1st class honours.

## Teaching Experience

2010 – 2011 Tutorials and classes: “Introductory Microeconomics” and “Mathematics for Economics”.  
First year component for degrees: Philosophy, Politics and Economics; Economics and Management; and Economics and History. Brasenose College, Oxford.

2003 – 2008 Lectures, tutorials and classes in undergraduate and graduate mathematics, including developing a new 16-lecture course for the fourth year of the Mathematics degree.

## Invited Presentations

- Economics Cambridge University; CERGE-EI, Prague; Exeter University; Hokkaido University (plenary); Institut Henri Poincaré; London School of Economics; Manchester University; Oxford University; Pennsylvania State University; University College London; Universität Bonn (plenary); Warwick University; Vanderbilt University; Yale University; York University.
- Philosophy London School of Economics; University of Zurich.

## Other Relevant Experience

- 2012 – Consultant on auctions to UK Department of Energy and Climate Change.
- 2011 – Advisor on auction design to the Bank of England, with Paul Klemperer.
- 2010 – 2011 Secretary of ‘Fairer votes Oxfordshire’, successful locally in the AV referendum.
- 2000 – 2011 Playwright, actor, treasurer and website designer for a charitable dramatic group.
- 2009 Research in climate change economics, Environmental Defense Fund, New York.
- 2008 Research in carbon finance, Directorate of the Environment, Namibia.
- 2008 Research in modelling UK energy system, Policy Studies Institute, London.