

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.
- 2014 – Co-investigator, Economic and Social Research Council project: “Auctions for Multiple Goods, and Understanding Consumer Preferences”, ES/L003058/1.

Previous Academic Positions

- 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.

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.

Research and Teaching Fields

- Research: Economic Theory; Economics of Climate Change.
- Teaching: Microeconomics and Economic Theory; Environmental Economics; Public Economics.

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.

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.

Prizes, Scholarships and Fellowships

- 2014 – 2016 Associate Member, Nuffield College, Oxford University.
- 2013 – 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.

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.