

JOHN K.-H. QUAH

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Current Employment

- 2016 **Johns Hopkins University**
Professor of Economics
- 2015 **National University of Singapore**
Distinguished Professor

Academic Background

- 1994 PhD, University of California at Berkeley
- 1986 BSc Mathematics (Direct Honours, Class I), National University of Singapore

Visiting Positions

- 2008-2015 **National University of Singapore**
Visiting Professor of Economics
- 2014 **Yale-NUS College, Singapore**
Visiting Professor of Economics
- 2011 **University of Paris IX (Dauphine)**
Visiting Professor of Economics

Other Professional Affiliations

- 2010-
present **Journal of Mathematical Economics**
Co-editor (2013-present)
Associate Editor (2010-2013)
- 2009-
present **Economic Theory**
Co-editor (2021-present)
Associate Editor (2009-2021)

Previous Employment

- 1996-2016 **University of Oxford**, Department of Economics
Professor of Economic Theory (2006-2016); Lecturer in Economics (1996-2006)
St Hugh's College, Oxford
Official Fellow
- 1994-1996 **National University of Singapore**, Department of Economics and Statistics
Lecturer
- 1989-1994 **University of California at Berkeley**, Department of Mathematics
Graduate Student Instructor
- 1988-1989 **National University of Singapore**, Business Administration Faculty, Department of
Banking and Finance
Senior Tutor
- 1986-1988 **Monetary Authority of Singapore**
Central Banking Officer

Distinctions and Awards

- 2020 **Fellow, Econometric Society**
- 2017 **Honorary Fellow, St Hugh's College, Oxford**
- 2016 **Fellow, Society for the Advancement of Economic Theory (SAET)**
- 2015 **Outstanding Science Alumni Award (National University of Singapore)**
- 2001-2004 **Economic and Social Research Council Research Fellow**
The Theory of Market Demand, With Applications (R000271171)
Value: £163,600
- 2009-2011 **Economic and Social Research Council Research Grant**
Comparative Statics: Theory and Applications (RES-000-22-3187)
Value: £75,000

Research Areas

Monotone Comparative Statics; Revealed Preference Analysis; Decision Theory; Consumer Demand; General Equilibrium Theory; Environmental Economics

Survey Articles

Introduction: Symposium on Revealed Preference Analysis (with Alfred Galichon), *Economic Theory*, Vol. 54(3), 419-423 (2013). (Editor, with Galichon, of the symposium).

Law of Demand (with Michael Jerison), *The New Palgrave Dictionary of Economics*, Second Edition (2008).

Published Papers in Refereed Journals

Revealed preference tests under risk and uncertainty (with Matthew Polisson and Ludovic Renou), *American Economic Review*, 110(6), 1782-1820 (2020).

A Comprehensive Approach to Revealed Preference Theory (with Hiroki Nishimura and Efe Ok), *American Economic Review*, 107(4), 1239-63 (2017).

A Nonparametric Analysis of Multi-Product Oligopolies (with Rahul Deb, Andres Carvajal, and James Fenske), *Economic Theory*, 57(2), 253-277 (2014).

Discounting, Values, and Decisions (with Bruno Strulovici), *Journal of Political Economy*, Vol. 121(5), 896-939 (2013).

Revealed Preference Tests of the Cournot Model (with Andres Carvajal, Rahul Deb, and James Fenske), *Econometrica*, Vol. 81(6), 2351-2379 (2013).

Emissions Trading with Profit-Neutral Permit Allocations (with Cameron Hepburn and Robert Ritz), *Journal of Public Economics*, Vol. 98, 85-99 (2013).

Revealed Preference in a Discrete Consumption Space (with Matthew Polisson), *American Economic Journal: Microeconomics*, Vol. 5(1), 28-34 (2013).

Aggregating the Single Crossing Property (with Bruno Strulovici), *Econometrica*, Vol. 80(5), 2333-2349 (2012).

Comparative Statics, Informativeness, and the Interval Dominance Order (with Bruno Strulovici), *Econometrica*, Vol. 77(6), 1949-1992 (2009).

The Existence of Equilibrium When Excess Demand Obeys the Weak Axiom, *Journal of Mathematical Economics*, Vol. 44(3-4), 337-343 (2008).

The Comparative Statics of Constrained Optimization Problems, *Econometrica*, Vol. 75(2), 401-432 (2007).

A Contribution to Duality Theory, Applied to the Measurement of Risk Aversion (with Juan Enrique Martinez-Legaz), *Economic Theory*, Vol. 30(2), 337-362 (2007).

Weak Axiomatic Demand Theory, *Economic Theory*, Vol. 29(3), 677-699 (2006).

The Law of Demand and Risk Aversion, *Econometrica*, Vol. 71(2), 713-721 (2003).

Homothetic or Cobb-Douglas Behaviour through Aggregation (with Gael Giraud), *Contributions to Theoretical Economics*, Vol. 3(1), Article 8 (2003).

Market Demand and Comparative Statics when Goods are Normal, *Journal of Mathematical Economics*, Vol. 39, 317-333 (2003).

The Monotonicity of Individual and Market Demand, *Econometrica*, Vol. 68(4), 911-93 (2000).

The Law of Demand When Income is Price Dependent, *Econometrica*, Vol. 65(6), 1421-1442 (1997).

Selected working papers

Revealed Price Preference: Theory and Stochastic Testing (with Rahul Deb, Yuichi Kitamura, and Jorg Stoye). CeMMAP working papers CWP57/18, Centre for Microdata Methods and Practice, Institute for Fiscal Studies (2018). Forthcoming, *Review of Economic Studies*

Intertemporal Consumption with Risk: A Revealed Preference Analysis (with Joshua Lanier, Bin Miao, and Songfa Zhong). MPRA 86263, University Library of Munich, Germany (2020). Forthcoming, *Review of Economics and Statistics*

Comparative statics with linear objectives: normal demand, monotone marginal costs, and ranking multi-prior beliefs (with Pawel Dziewulski). Working Paper Series 0121, Department of Economics, University of Sussex Business School (2021).

Ever Since Allais (with Aluma Dembo, Shachar Kariv, Matthew Polisson). Bristol Economics Discussion Papers 21/745, School of Economics, University of Bristol, UK (2021).

Nonparametric analysis of monotone choice (with Natalia Lazzati and Koji Shirai) Discussion Paper Series 184, School of Economics, Kwansei Gakuin University (2018).

Comparative statics with adjustment costs and the Le Chatelier principle (with Eddie Dekel and Ludvig Sinander) arXiv paper (2022).

Price heterogeneity as a source of heterogenous demand (with Gerelt Tserenjigmid). arXiv paper (2022).

Coarse Revealed Preference (with Gaoji Hu, Jiangtao Li, and Rui Tang). SSRN working paper (2019).

Supermodular correspondences and comparison of multi-prior beliefs (with Pawel Dziewulski), Working Paper Series 0619, Department of Economics, University of Sussex Business School (2018).

Testing for production with complementarities (with Pawel Dziewulski), Department of Economics, Oxford, No. 722 (2014).

Aggregating the Single Crossing Property: Theory and Applications to Comparative Statics and Bayesian games (with Bruno Strulovici), Working Paper, Department of Economics, Oxford, No. 493 (2010). (Contains material on equilibrium existence in first price auctions.)

Selected Work in Progress

Testing for weakly separable preferences (with Joshua Lanier)

Monotone Comparative Statics (textbook; with Bruno Strulovici)

Existence of Monotone Equilibria in First Price Auctions (with Bruno Strulovici).

Generalizations of the median voter theorem (with Bruno Strulovici and Gregorio Curello)

Aristocracy and Bureaucratization in Chinese and world history (with Tuan Hwee Sng and Jiahua Che)

Estimating very large demand systems (with Joshua Lanier and Jeremy Large)

Other Professional Activities

Research Presentations (at conferences, last 6 years)	2022	Time, Uncertainties, Strategies Conference (Paris), European Workshop on Economic Theory (Warsaw), Fourth China Microeconomic Theory Conference (keynote speaker, online)
	2021	Time, Uncertainties, Strategies Conference (Paris), Risk, Uncertainty and Decisions (online)
	2020	CRETA Economic Theory Workshop (Warwick), Inter-University Colloquium on Analytical Research in Economics (online), Workshop in Experiments, Revealed Preferences and Decisions (online)
	2019	Time, Uncertainties, Strategies Conference (Paris), NSF/NBER/CEME Conference on Mathematical Economics (Berkeley), European Workshop on Economic Theory (Berlin), Experimental Finance Regional Conference (Singapore), Risk, Uncertainty, Decisions Conference (Paris).
	2018	Greater New York Metropolitan Area Econometrics Colloquium (Princeton), Symposium on the Analysis of Revealed Preference (Oxford), Conference on mechanism design and behavioural economics (keynote speaker, Glasgow).

	2017	Identification of Rationality in Markets and Games (Warwick), Vanderbilt-CeMMAP Conference on Econometrics and Models of Strategic Interaction (Vanderbilt), Bounded Rationality in Choice (Queen Mary, London), Canadian Economic Theory Conference (Vancouver), European GE Workshop (Salamanca), Time, Uncertainty, and Strategies Conference (Paris).
Research presentations (at seminars, last 6 years)	2022	Toronto, US Naval Academy, Paris 2, Bristol, Peking
	2021	Michigan, UC Riverside, Yale, Sussex
	2020	Maryland, HKU-CUHK-HKUST (online)
	2019	Universite libre de Bruxelles, Wuhan, George Mason
	2018	Xiamen, Hong Kong U, Baptist U of Hong Kong, St Andrew's, Georgetown, Southern Methodist, Northwestern
	2017	UPenn, Ohio State, Penn State
Mini Courses (on Monotone Comparative Statics/Revealed Preference)	2015	Queensland University of Technology
	2014	Johns Hopkins University, Shanghai (SHUFE)
	2012	University of Western Ontario
	2011	University of Paris IX (Dauphine)
	2009	Kyoto University
	2008	National University of Singapore
Member, Organizing Committee	2021	Workshop on Applications of Revealed Preference (online)
	2020	Workshop on Applications of Revealed Preference (online), DC-MD-VA Econometrics Workshop (online)
	2019	NBER/NSF/CEME Conference on Mathematical Economics (Berkeley); SAET Conference (Ischia, Italy)
	2018	North American Summer Meeting, Econometric Society
	2016	SAET Conference (Rio de Janeiro, Brazil); NBER/NSF/CEME;
	2015	Conference on Mathematical Economics (Johns Hopkins) SAET Conference (Cambridge, UK)
	2013	Econometric Society, Asian Meeting (Singapore)
	2011	SAET Conference (Faro)
	2010	SAET Conference (Singapore)
	2008	APET Conference (Seoul)

Administrative Responsibilities (at Johns Hopkins University)

2017 – 2018 Senior Search Committee (member) and Junior Search Committee (chair)

Administrative Responsibilities (at the National University of Singapore)

2015-- present Senior Search Committee, Economics Department, NUS
2015 – 2016 Senior Search Committee, Yale-NUS College
 Junior Search Committee, Yale-NUS College
2014 – 2015 Director Search Committee, Asia Research Institute, NUS

Administrative Responsibilities (at the University of Oxford)

2011 – 2015	Convenor for Microeconomic Theory Research Group
2011 – 2014	Convenor for graduate Advanced Microeconomics papers
2006 – 2014	Convenor for graduate Financial Economics papers
2009 – 2013	Co-organizer of Nuffield Economic Theory Seminar series
2012 – 2013	Chair of Appointments Committee for University Lectureships in Financial Economics
2011 – 2013	Admissions Coordinator for the Economics and Management undergraduate degree
2005 – 2007	Director of Graduate Studies
2005 – 2007	Economics representative in the Admissions Committee for Economics and Management
2005	Member of committee to reform admissions procedures for Economics and Management
2001	Chair of Examiners for the Economics Masters course
1996 - 2016	Member of the Governing Body, St Hugh's College, Oxford. Intermittently member of Finance, Academic, and Investment Committees.

Languages

English (native), Mandarin and Cantonese (fluent)

January, 2023