

JOHN K.-H. QUAH

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Current Employment

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

2022 **University of Paris II (Pantheon-Assas)**
Visiting Professor of Economics
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

2024 – **Theoretical Economics**
present Associate Editor (2024-present)
2010 – **Journal of Mathematical Economics**
present Advisory Editor (2024 – present)
Co-editor (2013-2023)
Associate Editor (2010-2013)
2009 – **Economic Theory**
present Co-editor (2021-present)
Associate Editor (2009-2021)

Previous Employment

2016-2023 **Johns Hopkins University**, Department of Economics
Professor of Economics
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)**
2009-2011 **Economic and Social Research Council Research Grant**
Comparative Statics: Theory and Applications (RES-000-22-3187)
Value: £75,000
2001-2004 **Economic and Social Research Council Research Fellow**
The Theory of Market Demand, With Applications (R000271171)
Value: £163,600

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).

Revealed preference and revealed preference cycles: a survey (with Pawel Dzielwski and Joshua Lanier). *Journal of Mathematical Economics*, 113, 103016 (2024).

Published Papers in Refereed Journals

Intertemporal Consumption with Risk: A Revealed Preference Analysis (with Joshua Lanier, Bin Miao, and Songfa Zhong). *Review of Economics and Statistics*, 106(5), 1319-1333 (2024).

Comparative statics with linear objectives: normal demand, monotone marginal costs, and ranking multi-prior beliefs (with Pawel Dzielwski), *Econometrica*, 92(1), 167-200 (2024).

Revealed Price Preference: Theory and Stochastic Testing (with Rahul Deb, Yuichi Kitamura, and Jorg Stoye), *Review of Economic Studies*, 90(2) 707-743 (2023).

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

Comparative statics with adjustment costs and the Le Chatelier principle (with Eddie Dekel and Ludvig Sinander), arXiv paper (2024). Forthcoming, *Econometrica*.

An ordinal approach to the empirical analysis of games with monotone best responses (with Natalia Lazzati and Koji Shirai, 2024). Forthcoming, *Quantitative Economics*.

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

Money Pumps and Bounded Rationality (with Joshua Lanier and Matthew Polissón), arXiv paper 2404.04843 (2024).

Goodness-of-fit and utility estimation: what's possible and what's not (with Joshua Lanier), arXiv paper 2405.08464 (2024).

Estimating Very Large Demand Systems (with Joshua Lanier and Jeremy Large), INET Oxford Working Paper No. 2023-01 (2023).

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

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

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)

Other Professional Activities

Conference and seminar presentations (last five years)	2024	Foundations of Utility and Risk Conference, Queensland (keynote speaker); Advances in Demand Analysis, Oxford; Time, Uncertainties, Strategies Conference, Paris. Seminars at U of Washington, Purdue, Simon Fraser, Bonn, Shanghai Jiaotong, Shanghai University of Finance and Economics.
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	2023	Time, Uncertainties, Strategies Conference (Paris), Bounded Rationality in Choice Conference (Northwestern), Canadian Economic Theory Conference (Simon Fraser), SAET Conference (Paris), Conference in honor of Eddie Dekel (Northwestern), Microeconomic Theory Workshop (Renmin; keynote speaker), Asian Meeting, Econometric Society (Singapore; plenary speaker) Seminars at UCLA, Caltech, Western Ontario, Stonybrook, Tsinghua, ENS Paris-Saclay
	2022	Time, Uncertainties, Strategies Conference (Paris), European Workshop on Economic Theory (Warsaw), Fourth China Microeconomic Theory Conference (keynote speaker, online) Seminars at Toronto, US Naval Academy, Paris 2, Bristol, Peking
	2021	Time, Uncertainties, Strategies Conference (Paris), Risk, Uncertainty and Decisions (online). Seminars at Michigan, UC Riverside, Yale, Sussex.
	2020	CRETA Economic Theory Workshop (Warwick), Inter-University Colloquium on Analytical Research in Economics (online), Workshop in Experiments, Revealed Preferences and Decisions (online). Seminars at Maryland, HKU-CUHK-HKUST (online).
Lectures/mini-courses (on Monotone Comparative Statics or Revealed Preference)	2023	ENS, Paris-Saclay
	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	2023	SAET Conference (Paris), Asian Meeting, Econometric Society (Singapore)
	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)
	2018	North American Summer Meeting, Econometric Society
	2016	SAET Conference (Rio de Janeiro); 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)

July 2023-present Head of Department

2015-- 2023 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)

December, 2024