

# JOHN K.-H. QUAH

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## Current Employment

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

## Academic Background

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

## Visiting Positions

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- 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

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- 2010-  
present    **Journal of Mathematical Economics**  
            Co-editor (2013-present)  
            Associate Editor (2010-2013)
- 2009-  
present    **Economic Theory**  
            Associate Editor
- 2010-  
present    **Economic and Social Research Council**  
            Member of Peer Review College

## Previous Employment

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- 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

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- 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

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

## Survey Articles

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**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

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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), 911-930 (2000).

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

### **Selected working papers**

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A revealed preference theory of monotone choice and strategic complementarity (with Natalia Lazzati and Koji Shirai) Kansei Gakuin University, Discussion Paper 138 (2016).

Revealed preference tests under risk and uncertainty (with Matthew Polisson and Ludovic Renou), Working Paper, Department of Economics, Oxford, No. 740 (2015).

A Comprehensive Approach to Revealed Preference Theory: the Case of Rational Choice (with Hiroki Nishimura and Efe Ok), Working Paper, Department of Economics, Oxford, No. 752 (2015).

A Test for Weakly Separable Preferences, Working Paper, Department of Economics, Oxford, No. 708 (2014).

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**

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Revealed Price Preference: Theory and Stochastic Testing (with Rahul Deb, Yuichi Kitamura, and Jorg Stoye)

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

Generalizations of the Median Voter Theorem (with Bruno Strulovici).

Estimation of Oligopolistic Models without Estimation of Demand (with Rahul Deb, Xiaoxia Shi and Matthew Shum).

### **Administrative Responsibilities (at the National University of Singapore)**

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

### **Administrative Responsibilities (at Oxford)**

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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.

### **Other Professional Activities**

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<b>Refereeing</b>	AEJ-Microeconomics, American Economic Review, Econometrica, Economic Theory, Games and Economic Behavior, Journal of Economic Theory, Journal of Mathematical Economics, Mathematical Social Sciences, Oxford Economic Papers, Review of Economic Studies, Theoretical Economics.										
<b>Grant Reviews</b>	<ul style="list-style-type: none"><li>• National Science Foundation (U.S.)</li><li>• Economic and Social Research Council (U.K.)</li></ul>										
<b>Research Presentations (last 5 years)</b>	<table><tr><td>2015</td><td>Bound Rationality in Choice Conference (NYU), SAET Conference (Cambridge, UK), Conference on Theoretical and Behavioral Economics (Tsinghua), Cowles Summer Conferences (Yale)</td></tr><tr><td>2014</td><td>CETC Conference (Vancouver), European GE Workshop (Paris), SAET Conference (Tokyo), Singapore Economic Theory Workshop, Time, Uncertainty, and Strategies Conference</td></tr><tr><td>2013</td><td>CETC Conference (Montreal), European GE Workshop (Vienna), UBC-HKU Workshop on Economic Theory (Hong Kong), SAET Conference (Paris)</td></tr><tr><td>2012</td><td>CEPR Applied IO Conference (Cyprus), European GE Workshop (Exeter), Summer Workshop in Economic Theory (Paris), NSF/NBER/CEME Mathematical Economics Conference (Indiana)</td></tr><tr><td>2011</td><td>North American Summer Meeting of the Econometric Society</td></tr></table>	2015	Bound Rationality in Choice Conference (NYU), SAET Conference (Cambridge, UK), Conference on Theoretical and Behavioral Economics (Tsinghua), Cowles Summer Conferences (Yale)	2014	CETC Conference (Vancouver), European GE Workshop (Paris), SAET Conference (Tokyo), Singapore Economic Theory Workshop, Time, Uncertainty, and Strategies Conference	2013	CETC Conference (Montreal), European GE Workshop (Vienna), UBC-HKU Workshop on Economic Theory (Hong Kong), SAET Conference (Paris)	2012	CEPR Applied IO Conference (Cyprus), European GE Workshop (Exeter), Summer Workshop in Economic Theory (Paris), NSF/NBER/CEME Mathematical Economics Conference (Indiana)	2011	North American Summer Meeting of the Econometric Society
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2013	CETC Conference (Montreal), European GE Workshop (Vienna), UBC-HKU Workshop on Economic Theory (Hong Kong), SAET Conference (Paris)										
2012	CEPR Applied IO Conference (Cyprus), European GE Workshop (Exeter), Summer Workshop in Economic Theory (Paris), NSF/NBER/CEME Mathematical Economics Conference (Indiana)										
2011	North American Summer Meeting of the Econometric Society										

(Washington U, St Louis), SAET Conference (Faro), ESRC Game Theory Workshop (Warwick)

<b>Research seminars (last 5 years)</b>	2015	Gothenburg, CORE (Louvain), Queensland University of Technology, Queensland U., Paris (Dauphine)
	2014	HEC Paris, Durham, NYU Stern, Brown, Johns Hopkins, NYU Economics, Shanghai (SHUFE)
	2013	Birmingham, CORE (Louvain), Koc, Zurich, Bonn, HKUST, Michigan, Caltech, Minnesota
	2012	Leicester, York, Academic Sinica, HKUST, Toronto, Western Ontario, Yale
	2011	UCL, Leicester, Paris Dauphine, CUHK
<b>Mini Courses (on Monotone Comparative Statics/Revealed Preference)</b>	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
<b>Member, Organizing Committee</b>	2015	SAET Conference (Cambridge, UK)
	2013	Econometric Society, Asian Meeting (Singapore)
	2011	SAET Conference (Faro)
	2010	SAET Conference (Singapore)
	2008	APET Conference (Seoul)

### Languages

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English (native), Mandarin and Cantonese (fluent)

August 2016