

# David C. Broadstock | Economist

School of Accounting and Finance – Hong Kong Polytechnic University

☎ +852 5598 9161 • ☎ +852 2776 7060 • 📠 +852 2356 9550

✉ david.broadstock@polyu.edu.hk • 🌐 www.davidbroadstock.org

Date of birth: 19th July, 1982.

## Short bio

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David is an Assistant Professor of Economics in the School of Accounting and Finance at The Hong Kong Polytechnic University, where he also serves as Deputy Director [Economic Sustainability] in the department's Center for Economic Sustainability and Entrepreneurial Finance. David's research interests cover various aspects of the empirical economics of energy and the environment, with a particular emphasis on topics in consumer behavior and energy finance. David has published in high ranked international journals spanning the fields of energy economics, transportation economics and financial economics including: The Energy Journal, Energy Economics, Energy Policy, The Journal of Cleaner Production, The International Journal of Sustainable Transportation, Transport Research Part A, the Journal of International Financial Markets, Institutions and Money and The British Accounting Review.

## Professional activities and services

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**The Energy Journal:** (2017–Present) *Editor.*

**The Energy Journal:** (2016–2017) *Editorial board member.*

**British Journal of Management:** (2016–present) *Editorial board member.*

## Significant Publications in the last 4 years

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- Dayong Zhang, & **David C. Broadstock** (In press) "Global financial crisis and rising connectedness in the international commodity markets", ***International Review of Financial Analysis***.
- Alptekin, Aynur, **David. C. Broadstock**, Xiaoqi Chen, and Dong Wang, (In press) "Time-varying parameter energy demand functions: Benchmarking state-space methods against rolling-regressions." ***Energy Economics***.
- Rong, Zhao, **David. C. Broadstock**, and Yuanyuan Peng, (2018) "Initial submarket positioning and firm survival: Evidence from the British automobile industry, 1895-1970." ***Small Business Economics***, 1-29.
- **D. C. Broadstock**, Alan Collins, Lester C. Hunt, and Konstantinos Vergos, (2017) "Voluntary disclosure, greenhouse gas emissions and business performance: Assessing the first decade of reporting." ***The British Accounting Review***.
- D. C. Broadstock, **Jijia Li** & Dayong Zhang, (2016) "Efficiency Snakes and Energy Ladders: A (meta-)frontier demand analysis of electricity consumption efficiency in Chinese households.", ***Energy Policy***.
- **Kostas Tsekouras**, Nikos Chatzistamoulou, Kostas Kounetas & D. C. Broadstock, (2016) "Spillovers, Path Dependence and the Productive Performance of European Transportation sectors in the presence of Technology Heterogeneity", ***Technological Forecasting and Social Change***.

- **D. C. Broadstock**, Ying Fan, Qiang Ji & Dayong Zhang (2016) “Shocks and stocks: A bottom-up assessment of the relationship between oil prices, gasoline prices and the returns of Chinese firms”, *The Energy Journal*.
- **Jin Zhang**, & D. C. Broadstock (2016) “The relationship between energy consumption and economic growth for China in a time-varying framework”, *The Energy Journal*.
- Dayong Zhang, & **D. C. Broadstock** (2016) “Club Convergence in the Energy Intensity of China”, *The Energy Journal*.
- D. C. Broadstock & **E. Papathanasopoulou**, (2015) “Gasoline demand in Greece: the importance of shifts in the underlying energy demand trend”, *International Journal of Sustainable Transportation*, 9(4), 310–319.
- **D. C. Broadstock** & **Filis. G.**, (2014) “Oil price and stock market returns: New evidence from the United States and China”, *Journal of International Financial Markets, Institutions & Money*, 33, 417–433.

## Grants Awards and other prizes

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- **Economic and Social Research Council Case Award PhD Studentship (2005-2008 approx. £75,000)** UK Economic and Social Research Council Case Award in collaboration with JMP Consultants. PhD studentship award, covering full PhD costs and living allowances.
- **Young European Arena of Research Silver Prize (2008 approx. £3,000)** Young European Arena of Research Silver Medal, Prize value approximately 3,000 pounds (including travel costs and conference fees). Second place prize for Europe wide competition for research into transport.
- **Project 211 Grant (2010 approx. £4,500)** For research into transport demand trends in China.
- **UK Energy Research Centre (2007-2008 approx. £3,000)**
- **European Union and Greek Ministry of Education (2012 approx. £10,000)**
- **‘Excellent Paper Award’** at the International Conference on Financial Management and Economics (Hong Kong, 2011) - Granting publication in the International Journal of Trade, Economics and Finance, details as per above.
- **Co-investigator, National Natural Science Foundation of China**, grant number 71573214: “Oil price dynamics and consumption patterns in China”. Jan. 2016–Dec. 2019. [RMB 480,000].
- **Principal Investigator, National Natural Science Foundation of China**, grant number 71550110255: “Metaproduction functions and their application to measuring ‘energy consumption efficiency’ in China”. Jan. 2016–Dec. 2017. [RMB 400,000].
- **Principal Investigator, PolyU/AF research fund**: “Empirical applications of models for heterogeneity relevant to energy and environmental economics”. Sep. 2016–Sep. 2019. [HKD 500,000].