

Mailing Address:

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Birthdate:

December 4, 1988
(Kuala Lumpur, Malaysia)

Academic Appointments

July 2017 – Present UNIVERSITY OF TEXAS AT DALLAS
Naveen Jindal School of Management (Marketing Area)
Assistant Professor

September 2022 – YALE UNIVERSITY
May 2023 School of Management
Visiting Assistant Professor

2015 – 2017 UNIVERSITY OF SOUTHERN CALIFORNIA
Institute for New Economic Thinking (INET) and Department of
Economics
Postdoctoral Research Fellow

Education

2010-2015 CALIFORNIA INSTITUTE OF TECHNOLOGY
Ph.D. Social Science (Economics)

2007-2010 UNIVERSITY OF CAMBRIDGE, UK
B.A. Economics
(Part IA Tripos in Mathematics)

Fields of Research Interest

Econometrics, Empirical IO, Quantitative Marketing, Machine Learning

Publications

1. “Duality in Dynamic Discrete Choice Models”
Khai Chiong, Alfred Galichon, Matt Shum
Quantitative Economics, Volume 7, Issue 1, pages 83–115, March 2016
2. “Estimation of Graphical Models using the $L_{1,2}$ Norm”
Khai Chiong and Roger Moon
Econometrics Journal, Volume 21, Issue 3, pages 247-263, October 2018

3. “Random Projection Estimation of Discrete-Choice Models with Large Choice Sets”
Khai Chiong and Matt Shum
Management Science, Vol. 65, No. 1, January 2019, pp. 256–271
4. “Estimation of High-Dimensional Seemingly Unrelated Regression Models”
Lidan Tan, Khai Chiong, Roger Moon
Econometric Reviews, Volume 40, Issue 9, pages 830-851, August 2021
5. “Counterfactual Estimation in Semiparametric Discrete Choice Models”
Khai Chiong, Yuwei Hsieh and Matthew Shum
Handbook of Research Methods and Applications in Empirical Microeconomics,
Edward Elgar Publishers, 2021
6. “Combining Choices and Response Times in the Field: a Drift-diffusion Model of
Mobile Advertisements” (with Matt Shum, Ryan Webb and Richard Chen)
Accepted at **Management Science**

Working Papers

1. “AI and AI-human based Salesforce Hiring using Interview Videos” (with Ishita Chakraborty, Howard Dover and K. Sudhir)
2. “An Empirical Investigation of Incentivized Advertising in Mobile Apps” (with Richard Chen and Sha Yang)

Awards

NEC Foundation Research Grant, 2018-2020

Amount: \$37,500

Principal investigator

Excellence in Teaching Award (Caltech, 2014)

(Awarded by: Associated Students of California Institute of Technology (ASCIT))

John O. Ledyard Prize for Best Third Year Paper (Caltech, 2013)

(Awarded by: Division of the Humanities and Social Sciences)

NET Institute Summer Research Grant (NYU, 2013)

Cambridge Commonwealth Trust Scholarship (Cambridge, 2007-2010)

Professional Activities

Invited Seminars:

2019: Ohio State University (Econometrics)

2017: University of British Columbia, Federal Communications Commission (FCC),
Asian Meeting of the Econometric Society

2016: UCLA, University of Florida, University of Texas at Dallas

2015: Northwestern University, UIUC, Carnegie Mellon University

2013: Recent Advances in Set Identification (Toulouse), Asian Meeting of the

Econometric Society (NUS)
2012: Social and Information Sciences Laboratory (Caltech)

Refereeing: Journal of Econometrics, Journal of Business & Economic Statistics,
Journal of Economic Theory, Journal of Mathematical Economics, Management Science,
Marketing Science, Journal of Marketing Research

Teaching

Courses:

Principles of Marketing

- 2018 Spring, MKT 3300.9. Eval: 4.94/5
- 2018 Spring, MKT 3300.10. Eval: 4.71/5
- 2019 Spring, MKT 3300.10. Eval: 4.88/5
- 2020 Spring, MKT 3300.08. Eval: 4.81/5
- 2020 Spring, MKT 3300.09. Eval: 4.77/5
- 2021 Spring, MKT 3300.08. Eval: 4.88/5
- 2021 Spring, MKT 3300.09. Eval: 4.61/5

Advanced Statistics and Probability

- 2018 Fall, MECO 7312. Eval: 4.86/5
- 2019 Fall, MECO 7312. Eval: 4.90/5
- 2020 Fall, MECO 7312. Eval: 4.91/5
- 2021 Fall, MECO 7312. Eval: 4.78/5

Doctoral students (dissertation committee):

1.) Boram Lim

First placement: Assistant Professor, University of Kansas, School of Business

2.) Sriharsha Kamatham

First placement: Assistant Professor, Asper School of Business, University of Manitoba

3.) Ashutosh Bhawe

First placement: Assistant Professor, Sam Walton College of Business,
University of Arkansas

Miscellaneous

Languages: English, Cantonese, Mandarin, Malay

Programming: Python (TensorFlow, Pytorch), Julia, R, SQL, Matlab, Stata

Committee: Secretary of the Archimedean (Cambridge University Mathematics Society)
2008/2009

