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Website: <http://khaichiong.com>
Birthdate: December 4, 1988
(Kuala Lumpur,
Malaysia)

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Academic Appointments

- July 2017 – Present UNIVERSITY OF TEXAS AT DALLAS
Naveen Jindal School of Management
Assistant Professor
- October 2022 – YALE UNIVERSITY
June 2023 School of Management
Visiting Assistant Professor
- 2015 – 2017 UNIVERSITY OF SOUTHERN CALIFORNIA
Department of Economics &
Institute for New Economic Thinking (INET)
Postdoctoral Research Fellow

Education

CALIFORNIA INSTITUTE OF TECHNOLOGY
Ph.D. Social Science (Economics)
Dissertation Committee: Federico Echenique, Matt Shum, Leat Yariv

UNIVERSITY OF CAMBRIDGE
B.A. Economics
(Part IA Tripos in Mathematics)

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”
Khai Chiong, Matt Shum, Ryan Webb and Richard Chen
Management Science, Vol. 70, No. 2, February 2024

Working Papers

1. “AI and AI-human based Salesforce Hiring using Interview Videos” (with Ishita Chakraborty, Howard Dover, and K. Sudhir). *Minor revision at Marketing Science*
2. “Shattered Windows: Mass Shootings and Their Consequences on Retail” (with Simon Kim, TI Kim). *Revise and Resubmit at Marketing Science*
3. “Getting the Most Out of Online A/B Tests Using the Minimax-Regret Criteria” (with Joonhwi Joo). *Under review at Marketing Science*
4. “Stability of Procurement Networks” (with Anyan Qi). *Under review at M&SOM*

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 and Services

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, Economic Theory

Faculty recruiting committee: 2017, 2019, 2023

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
- 2022 Spring, MKT 3300.08. Eval: 4.88/5
- 2022 Spring, MKT 3300.09. Eval: 4.87/5

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
- 2022 Fall, MECO 7312. Eval: 4.33/5

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 Bhave

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

- 4.) Omid Elmi
- 5.) Ata Jameei Osgouei
- 6.) Soogand Alavi
- 7.) Allen Zehan Zhao
- 8.) Simon Seungmok Kim

Miscellaneous

Languages: English, Cantonese, Mandarin, Malay

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

Committee: Secretary of the Archimedeans (Cambridge University Mathematics Society)