

TA-CHENG HUANG

National University of Singapore
Global Asia Institute
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ACADEMIC POSITIONS

Research Assistant Professor, *Global Asia Institute, National University of Singapore* August 2018 –
Lecturer, *Department of Finance and Economics, Texas State University* January 2017 – May 2018

EDUCATION

Ph. D. in Economics, *Texas A&M University* May 2018
M. A. in Mathematics and Statistics, *Boston University* September 2011
M. A. in Economics, *National Taiwan University* June 2007
B. A. in Political Science with a minor in Economics, *National Taiwan University* June 2004

RESEARCH

Research Interests

Micro-econometrics, Applied Econometrics, Labor Economics, Health Economics

Publications

- [1] Huang, Ta-Cheng, Hongjun Li, and Zheng Li (2020): "A modified bootstrap of kernel-based specification test with heavy-tailed data," *Economics Letters*, 189, 108986. [DOI](#)
- [2] Crespo, Pablo, and Ta-Cheng Huang (2018): "Implied volatility estimation via ℓ_1 trend filtering," *The Journal of Derivatives*, 26(1), pp. 45-66. [DOI](#)
- [3] Chen, Xirong, Ta-Cheng Huang, and Qi Li (2017): "An alternative bandwidth selection method for estimating functional coefficient models," *Economics Letters*, 156, pp. 27-31. [DOI](#)

Working Papers

- [1] "Testing for unobserved heterogeneous treatment effects with observational data," with Yu-Chin Hsu and Haiqing Xu. *R&R at Econometric Theory*.
- [2] "Causal effects for co-integrated non-stationary series: An augmented synthetic control approach," with Pablo Crespo. *Submitted*
- [3] "Nonparametric tests for treatment effect heterogeneity under Regression Kink design."

Work in Progress

- [1] "Nonparametric tests for monotonicity in treatment effect under Regression Kink design."
- [2] "The Effect of Activities-based Subsidy on Body Fat Loss: A Field Experiment Study," with Noah Lim, Andrea Park, and Keron Tan. [ClinicalTrials.gov ID NCT04954547](https://clinicaltrials.gov/ct2/show/study/NCT04954547).
- [3] "The Effect of Small Goals on Body Fat Loss: A Field Experiment Study," with Alessandro Del Ponte, Noah Lim, and Aidas Masiliunas. [ClinicalTrials.gov ID NCT04973072](https://clinicaltrials.gov/ct2/show/study/NCT04973072)
- [4] "Helping Weaker Sales Agents via Temporary Transfers: A Field Experiment Study," with Hua Chen and Noah Lim.

[5] “The Social Influence of Weaker Peers,” with Dayoung Kim and Noah Lim.

[6] “The Effect of Permanent Employment Contract,” with Noah Lim and Diego Salazar.

TEACHING

Independent Instructor

Texas State University

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| Money and Banking | <i>Spring 2018, Fall 2017</i> |
| Principle of Macroeconomics | <i>Spring 2018</i> |
| Principle of Microeconomics | <i>Fall 2017, Spring 2017</i> |
| Intermediate Macroeconomics | <i>Spring 2017</i> |

Texas A&M University

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| Financial Economics | <i>Fall 2016, Fall 2015</i> |
| Macroeconomic Theory | <i>Spring 2016</i> |

Teaching Assistant *Responsible for teaching weekly (or daily in summer) review sessions.

Texas A&M University

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| Summer Math-Stat Boot Camp (PhD) | <i>2017, 2016, 2015, 2014</i> |
| Introduction to Econometrics | <i>Spring 2014</i> |
| Econometrics (PhD) | <i>Spring 2013, Fall 2012</i> |

HONORS, AWARDS, AND GRANTS

Research

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| The Effect of Activities-based Subsidy on Body Fat Loss. Co-PI. NUS Initiative to Improve Health in Asia. S\$219,060. | <i>April 2021</i> |
| The Effect of Small Wins on Body Fat Loss. Co-PI. NUS Initiative to Improve Health in Asia. S\$80,890. | <i>December 2020</i> |
| Pilot Study: The Effect of Activities-based Subsidy on Body Fat Loss. Co-PI. NUS Initiative to Improve Health in Asia. S\$73,000. | <i>October 2019</i> |
| The Lynde and Harry Bradley Fellowship, Private Enterprise Research Center, <i>Texas A&M University.</i> | <i>Spring 2015, Fall 2014</i> |
| Competitive Scholarship, <i>Texas A&M University.</i> | <i>Summer 2014</i> |
| Margarette Harrell Webber Scholarship, Private Enterprise Research Center, <i>Texas A&M University.</i> | <i>Summer 2013</i> |

Teaching

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| Outstanding Graduate Student Course Instructor, <i>Texas A&M University</i> | <i>Fall 2016, Fall 2015</i> |
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Others

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| Travel Grant, <i>National University of Singapore</i> | <i>August 2018</i> |
| Travel Grant, <i>Texas State University</i> | <i>January 2018</i> |
| Graduate Assistantship, <i>Texas A&M University</i> | <i>Fall 2015 – Fall 2016, Fall 2012 – Spring 2014</i> |

PROFESSIONAL ACTIVITIES

Presentations

2019 Taiwan Econometrics Society Annual Meeting, 28th Annual Meeting of the Midwest Econometrics Group
2018 Texas State University, 27th Annual Meeting of the Midwest Econometrics Group
2017 Emporia State University

Disciplinary Services

Referee for *Journal of Econometrics* (2)

Department Services

Texas A&M University

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| Graduate Student Representative | <i>Spring 2016, Fall 2015</i> |
| Graduate Student Coordinator of the 8 th ASHE conference | <i>October 2014</i> |
| Graduate Student Coordinator of Texas Theory Camp 2013 | <i>September 2013</i> |

PROGRAMMING SKILLS

Matlab, R, Python, Julia, and Stata

Last updated in October 2021