

# ZHUTONG GU 顾祝铜

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## EMPLOYMENT

Economist and Data Scientist, Kuaishou Tech Corp., Beijing, China, 2021-2022

Assistant Professor in Economics (tenure-track): Peking University HSBC Business School, Shenzhen, China, 2017-2021

## EDUCATION

Ph.D. Economics, Rutgers University, New Brunswick, NJ, USA, 2017

M.A., Economics, Rutgers University, New Brunswick, NJ, USA, 2014

B.S., Marketing (Business Admin.), Shanghai Jiao Tong University, Shanghai, China, 2011

## VISITING

*Exchange PhD student* (Econometrics and Empirical IO), Department of Economics, Princeton University, 2013-2014

*Research Intern*, Structuring and Quantitative Finance, Energy Trading & Resources, Public Service Enterprise Group, Newark, NJ, 2013

## RESEARCH AREA

Industrial organization (market power, productivity, firm dynamics, etc)

Applied econometrics (causal inference, discrete choice, nonlinear models, etc)

Applied microeconomics in energy, finance, transportation, etc.

## PUBLICATION

**Gu, Z.**, Jiang, Y.\*, and Yang, S. (2022) “Estimating unobserved soft adjustment in credit rating models: before and after the Dodd-Frank act”, *Journal of Financial Econometrics*. <https://doi.org/10.1093/jjfinec/nbac024>

Zhu, X., He, C.\* and **Gu, Z.** (2021). “Benefit from local or destination? The export expansion of Chinese photovoltaic industry under trade protection”, *Energy Economics*. <https://doi.org/10.1016/j.eneco.2021.105690>

Zhu, X., He, C.\* and **Gu, Z.** (2021). “How do local policies and trade barriers reshape the

export of Chinese photovoltaic products?”, *Journal of Cleaner Production*. <https://doi.org/10.1016/j.jclepro.2020.123995>

## WORK IN PROGRESS

**Gu, Z.** “Additive separability and unobserved heterogeneity: A test for Hicks-neutral productivity shocks”, *under review*.

Zhu, X., **Gu, Z.** and Chen, W. “Can the Belt and Road Initiative alleviate the impact from trade protection against Chinese photovoltaic firms?”, *under review*.

He, J. and **Gu, Z.** “Collusion among country of origin? An empirical study of China’s automobile market”. *work in progress*.

Fan, B. and **Gu, Z.** “Market power of Chinese listed firms: measurement, evolution and distribution”. *work in progress*.

**Gu, Z.** “Price dispersion, market structure and consumer heterogeneity—A semiparametric model of U.S. airline industry”. *Working paper series*, Rutgers University 2014.

## TEACHING

*Peking University HSBC Business School*

- Advanced Econometrics II-Microeconometrics (postgraduate): 2018Spring1, 2019Spring1, 2020Spring2, 2021Spring2
- Advanced Microeconomics I (postgraduate): 2018Fall1, 2019Fall1, 2020Fall1
- Advanced Microeconomics II (postgraduate): 2018Spring1, 2019Spring1, 2019Fall2, 2020Fall2
- Empirical Industrial Organization (postgraduate): 2017Fall1

*Rutgers University, New Brunswick/Newark*

- Economic Analysis (M.A.): 2014Spring
- Intermediate Microeconomics: 2013Spring, 2015Summer, 2016Summer
- Econometrics: 2015Fall, 2016Spring, 2016Summer
- Industrial Organization: 2017Spring
- Seminar on Social Innovation: 2015Fall, 2016Spring
- MATLAB/GAUSS workshop: 2013-2015
- Intro to Stata: 2013-2015

*Teaching Assistant* Introduction to Microeconomics, Econometrics (Graduate), Public Economics, Labor Economics, etc. Rutgers University, 2012-2014

## HONOR & AWARD

Honors College Graduate Fellowship—Rutgers University, 2015-2016

TA-GA Professional Development Fund—Rutgers University, 2015

The *Peter Asch* Memorial Scholarship—Outstanding Students Working in Applied Microeconomics, Rutgers University, 2015

*Hiroki Tsurumi* Graduate Dissertation Award–In Recognition of Excellence in PhD Dissertation Research, Rutgers University, 2015

*The Sidney I. Simon* Award– Best Second Year Research Paper, Rutgers University, 2014

*The Rie Ashizawa* Prize–Outstanding Performance in Qualifying Exam, Rutgers University, 2013

*The Sidney Brown* Prize in Economics–Outstanding performance in first two year graduate study, Rutgers University, 2013

Dissertation Research Grants & Special Study Opportunity Award, Rutgers University, 2013

Teaching Assistantship Award for Excellent Academic Performance, Rutgers University, 2012-2014

Annual Academic Honors Scholarships, Shanghai Jiao Tong University, 2007-2011

Special Volunteer Awards for services contributing to Econometric Society World Congress, Shanghai, 2010

## SKILL

*Software/Programming* SQL, Python, Stata, MATLAB, L<sup>A</sup>T<sub>E</sub>X, Microsoft Office, etc.

*Language* 中文 (Chinese), English, 日本語 (Japanese, Basic)

## CONFERENCE

Workshop on Firms in Emerging Economies, IEST, Jinan University, China, 2018

International Conference on Econometrics, Chengdu, China, 2018

China Meeting Econometric Society, Shanghai, 2018

Asian Meeting Econometric Society, Hong Kong, China, 2017

China Meeting Econometric Society, Wuhan, China, 2017

ASSA Annual Meeting, Chicago, IL, 2017

Midwest Econometric Group, Urbana Champaign, IL, 2016

Asian Meeting Econometric Society, Kyoto, Japan, 2016

China Meeting Econometric Society, Chengdu, China, 2016

Chinese Economic Society, North America Meeting, Sacramento, CA, 2016

Economics Seminar, Rutgers University-Newark, NJ, 2015

Empirical Microeconomic Seminar, Rutgers University-New Brunswick, NJ, 2014