

Zi Yang Kang

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Employment

Harvard University

Postdoctoral Fellow, Center of Mathematical Sciences and Applications 2023–present

Education

Ph.D. in Economic Analysis and Policy, Stanford Graduate School of Business 2018–2023

M.S. in Mathematics, Stanford University 2017–2018

B.S. with Honors in Mathematics, Stanford University 2014–2017

Working Papers

“Optimal Indirect Regulation of Externalities”

Accepted for presentation at EC’23

“The Public Option and Optimal Redistribution”

Accepted for presentation at EC’21

“Robust Bounds for Welfare Analysis” with Shoshana Vasserman

Revision requested at the American Economic Review; accepted for presentation at EC’22

“Contracting and Vertical Control by a Dominant Platform” with Ellen V. Muir

Accepted for presentation at EC’22

“Fixed-Price Approximations to Optimal Efficiency in Bilateral Trade” with Jan Vondrák

Conference Publications

“Fixed-Price Approximations in Bilateral Trade” with Francisco Pernice and Jan Vondrák, in *Proceedings of the 2022 Annual ACM–SIAM Symposium on Discrete Algorithms (SODA’22)*, pp. 2964–2985, 2022.

Other Publications

“General Theories of Reflection and Transmission Scratch Holograms” with Bingjian Li, Jiahuang Lin, Ye Yeo, and Guoxian Tan, in *Canadian Journal of Physics*, **95**(5), pp. 432–419, 2017.

“The Vertical Oscillations of Coupled Magnets” with Kewei Li, Jiahuang Lin, Samuel Yee and Jeremias Wong in *European Journal of Physics* [Special Issue] **32**(4), pp. S1–S14, 2011.

Honors and Fellowships

Regulatory Policy Fellowship, Stanford Institute for Economic Policy Research (SIEPR)	2022
Jaedicke Merit Award, Stanford Graduate School of Business	2018
Phi Beta Kappa	2018
Firestone Medal for Excellence in Undergraduate Research, Stanford University	2017
J. E. Wallace Sterling Award for Scholastic Achievement, Stanford University	2017
President’s Award for Academic Excellence in the Freshman Year, Stanford University	2015
Gold Medal, International Physics Olympiad	2011
Gold Medal (Champion Team), International Young Physicists’ Tournament	2010

Seminars and Conferences

2023–2024

University of Warwick

Scheduled: Harvard University/MIT, Microsoft Research, University of Wisconsin–Madison

2022–2023

Bocconi University (Decision Sciences), University of Georgia, University of Michigan, Northwestern University (Kellogg School of Management), University of Pittsburgh, University of Rochester (Simon Business School), National University of Singapore, University of Toronto, Yale University (School of Management), NT23TM, Berkeley/Columbia/Duke/MIT/Northwestern IO Theory Conference, EC’23, FTC Microeconomics Conference, Group for Research in Applied Economics, Markets, Contracts, and Organizations Conference

Prior

EC’22, Group for Research in Applied Economics, EC’21, INFORMS 2021, Young Researcher Workshop on Economics and Computation (YoungEC’19)

Professional Service

Refereeing

American Economic Review, Econometrica, Journal of Political Economy, Review of Economic Studies, AER Insights, Journal of Economic Theory, Mathematics of Operations Research

Grant Review

National Science Foundation

Conference Discussion

Theory@PennState Conference (2023)

Other

Economics arXiv moderator for econ.GN (2024–2025)