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Teaching and Research Fields

Primary Fields: Behavioral/Experimental Economics, Neuroeconomics, Decision Theory

Secondary Fields: Game Theory, Econometrics (Micro), Machine Learning, Industrial Organization

Professional Experience

Assistant Professor, 2020–present
Department of Business Administration, National Central University

Assistant Researcher Fellow, 2019–2020
Behavioral and Data Science Center, National Taiwan University

Associate Researcher Fellow, 2018–2019
College of Psychology and Sociology, Shenzhen University

Postdoctoral Fellow with Liang Guo, 2017–2018
Marketing Department, The Chinese University of Hong Kong

Education

Ph.D. Economics, The Ohio State University, 2015–2017

Ph.D. Candidate in Economics, Pennsylvania State University, 2011–2015 (Transferred to the OSU)

M.A. Economics, National Taiwan University, 2009–2011

Visiting Student, University of California Berkeley, 2010 spring

B.A. Economics, National Taiwan University, 2004–2009

Grants & Awards

MOST Grant for the Einstein Program (科技部愛因斯坦培植計畫), 2019/2020

Decision Sciences Small Research Grant at the Ohio State University, Fall 2016

Winner of the Market Entry Prediction Competition, 2010

Publications

Journal Paper

- Chen, W. J.**, & Wang, J. T. Y. (2020). A Modified Monty Hall Problem. *Theory and Decision*, 89, 151–156.
- Chen, W. J.**, & Krajbich, I. (2017). Computational modeling of epiphany learning. *Proceedings of the National Academy of Sciences*, 114(18), 4637-4642. (**Impact Factor: 9.504**)
- Chen, W.**, Liu, S. Y., Chen, C. H., & Lee, Y. S. (2011). Bounded memory, inertia, sampling and weighting model for market entry games. *Games*, 2(1), 187-199.

Book Chapter

- Wang, Joseph Taoyi, and **Wei James Chen**. (2019). “A Handbook of Process Tracing Methods.”, ed. Joseph G. Johnson Michael Schulte-Mecklenbeck, Anton Kuehberger *Society for Judgment and Decision Making*. 2nd ed., Chapter Investigating Pupil Dilation in Decision Research, 45–52. Routledge.

Working Paper

- Modeling Epiphany Learning Behavior in the Two-person Beauty Contest
- Pupil dilation and attention in value-based choice, with Ian Krajbich
- Attention and Information Partitioning in Game Theory: An eye-tracking study, with LuYao Zhang

Conference Presentation

- Pupil dilation and attention in value-based choice, 2019,
Decision: Theory, Experiments, and Application, Chengdu, China
- Pupil dilation and attention in value-based choice, 2018,
International Conference for Neuromanagement and Neuroeconomics, Hangzhou, China
- Pupil dilation and attention in value-based choice, 2016,
North-American Economic Science Association Conference, Tucson
- Pupil dilation and attention in value-based choice (Poster Sessions), 2016,
Society of Neuroeconomics Annual Meeting, Berlin, Germany
- Pupil dilation and attention in value-based choice, 2016,
TIBER Symposium on Psychology and Economics, Tilberg, Netherland
- Epiphany Learning, Attention and Arousal, 2015,
North-American Economic Science Association Conference, Dallas
- Epiphany Learning, Attention and Arousal (Poster Sessions), 2015,
Society of Neuroeconomics Annual Meeting, Miami
- Epiphany Learning Model, 2013,
Asian-Pacific Economic Science Association Conference, Tokyo, Japan.
- Bounded Memory, Inertia, Sampling and Weighting Model in Market Entry Games, 2010,
North-American Economic Science Association Conference, Tucson