

Joseph Tao-yi Wang

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Academic Employment

Distinguished Professor of Economics, National Taiwan University (2019/8 – present)

Professor of Economics, National Taiwan University (2014/8 – present)

Visiting Associate of Economics, Division of Humanities and Social Sciences, California Institute of Technology (2011/7 – 2012/6)

Associate Professor of Economics (with tenure), National Taiwan University (2010/8 – 2014/7)

Assistant Professor of Economics, National Taiwan University (2007/8 – 2010/7)

Postdoctoral Scholar in Economics, Division of Humanities and Social Sciences, California Institute of Technology (2004/12 – 2007/7)

Education

Ph.D. in Economics, University of California, Los Angeles (2005/3)

M.A. in Economics, University of California, Los Angeles (2003/3)

B.S. in Mathematics with minor in Economics and minor in Foreign Languages (English),
National Taiwan University, Taiwan (1998/6)

Publications

Po-Hsuan Lin, Alexander L. Brown, Taisuke Imai, Joseph Tao-yi Wang, Stephanie W. Wang, and Colin F. Camerer* (2020), "Evidence of General Economic Principles of Bargaining and Trade from 2,000 Classroom Experiments," *Nature Human Behaviour*, 4(9), 917-927. (SSCI/SCIE, 2020 JCR IF = 13.663, ranked 2/90 in Psychology, Experimental, 6/73 in Multidisciplinary Sciences, and 9/273 in Neurosciences; Google Scholar Citation = 5) (CRETA: NTU-107L900203, MOST 107-3017-F-002-004; MOST 106-2628-H-002-001-MY4)

Wei James Chen and Joseph Tao-yi Wang (2020), "A Modified Monty Hall Problem," *Theory and Decision*, 89(2), 151-156. (MOST ranked B+) (CRETA: NTU-107L900203, MOST 107-3017-F-002-004; NSC 98-2410-H-002-069-MY2; NSC 102-2628-H-002-002-MY4)

Joshua Chen-Yuan Teng, Joseph Tao-yi Wang and Cheng-Chen Yang (2020), "Justice, What Money Can Buy: An Experiment on Primary Social Goods and the Rawlsian Difference Principle," *Constitutional Political Economy*, 31(1), 45-69.

Erik Mohlin, Robert Östling and Joseph Tao-yi Wang (2020), "Learning by Similarity-weighted Imitation in Winner-takes-all Games," *Games and Economic Behavior*, 120, 225-245. (MOST ranked A+; Google Scholar Citation = 6) (NSC 99-2410-H-002-060-MY3, NSC 102-2628-H-002-002-MY4)

- Marco Battaglini, Ernest K. Lai, Wooyoung Lim and Joseph Tao-yi Wang (2019), "The Informational Theory of Legislative Committees: An Experimental Analysis," *American Political Science Review*, 113(1), 55-76. (Flagship journal of the American Political Science Association; 2019 JCR IF = 4.183, ranked = 6/180 in Political Science; average ranking = 3.5 in 2009-2018; Google Scholar Citation = 14) (NSC 102-2628-H-002-002-MY4)
- Po-Hsuan Lin, Andrew Wooders, Joseph Tao-yi Wang, and Walter Miao Yuan* (2018), "Artificial Intelligence, the Missing Piece of Online Education?" *IEEE Engineering Management Review*, 46(3), 25-28. (EI; Google Scholar Citation = 19)
- Chun-Ting Chen, Chen-Ying Huang and Joseph Tao-yi Wang* (2018), "A Window of Cognition: Eyetracking the Reasoning Process in Spatial Beauty Contest Games," *Games and Economic Behavior*, 111, 143-158. (MOST ranked A+; Google Scholar Citation = 24)
- Erik Mohlin, Robert Östling and Joseph Tao-yi Wang (2015), "Lowest Unique Bid Auctions with Population Uncertainty," *Economics Letters*, 134, 53-57. (MOST ranked B+; Google Scholar Citation = 23) (NSC 101-2410-H-002-031-MY3)
- Ernest K. Lai, Wooyoung Lim and Joseph Tao-yi Wang (2015), "An Experimental Analysis of Multidimensional Cheap Talk," *Games and Economic Behavior*, 91, 114-144. (Formerly "Experimental Implementations and Robustness of Fully Revealing Equilibria in Multidimensional Cheap Talk") (MOST ranked A+; Google Scholar Citation = 42) (NSC 99-2410-H-002-060-MY3, NSC 101-2410-H-002-031-MY3)
- Yen Kuo and Joseph Tao-yi Wang* (2014), "Use of Strategy Methods in Experimental Pivotal-Voting Game," *Pacific Economic Review*, 19:3, 387-400. (SSCI) (NSC 101-2410-H-002-031-MY3)
- Elaine M. Liu*, Juanjuan Meng and Joseph Tao-yi Wang (2014), "Confucianism and Preferences: Evidence from Lab Experiments in Taiwan and China," *Journal of Economic Behavior and Organization*, 104, 106-122. (*Special Issue on Culture and Religion*) (MOST ranked A; Google Scholar Citation = 48) (NSC 101-2410-H-002-031-MY3, NSC 102-2628-H-002-002-MY4)
- Robert Östling, Joseph Tao-yi Wang, Eileen Y. Chou, and Colin F. Camerer (2011), "Testing Game Theory in the Field: Swedish LUPI Lottery Games," *American Economic Journals: Microeconomics*, 3(3), 1-33. (Lead article; equal contribution with Robert Östling) (MOST ranked A; Google Scholar Citation = 138) (NSC 98-2410-H-002-069-MY2, NSC 99-2410-H-002-060-MY3)
- Joseph Tao-yi Wang, Michael Spezio and Colin F. Camerer (2010), "Pinocchio's Pupil: Using Eyetracking and Pupil Dilation to Understand Truth Telling and Deception in Sender-Receiver Games," *American Economic Review*, 100(3), 984-1007. (First author) (MOST ranked Excellent; Google Scholar Citation = 418)
- Daniel Knoepfle, Joseph Tao-yi Wang and Colin F. Camerer (2009), "Studying Learning in Games Using Eye-Tracking," *Journal of the European Economic Association*, 7(2-3), 388-398. (MOST ranked A+; Google Scholar Citation = 106) (NSC 96-2415-H-002-034-MY2)

Min Jeong Kang, Ming Hsu, Ian Krajbich, George Loewenstein, Samuel McClure, Joseph Tao-yi Wang, and Colin F. Camerer* (2009), “The Wick in the Candle of Learning: Epistemic Curiosity Activates Reward Circuitry and Enhances Memory,” *Psychological Science*, 20(8), 963-973. (SSCI, JCR 2009 ranked 6/112 in Psychology, Multidisciplinary; IF = 5.09; Google Scholar Citation = 688)

Hongbin Cai* and Joseph Tao-yi Wang (2006), “Overcommunication in Strategic Information Transmission Games,” *Games and Economic Behavior*, 56(1), 7-36. (MOST ranked A+; Google Scholar Citation = 326)

Book Chapters and Reviews

Colin F. Camerer, Hung-Ni Chen, Po-Hsuan Lin, Gideon Nave, Alec Smith and Joseph Tao-yi Wang (2021), “Using Machine Learning to understand Bargaining Experiments,” in *Bargaining: Current Research and Future Directions*, edited by Emin Karagözoğlu and Kyle B. Hyndman, Palgrave MacMillan, forthcoming (Chapter 16). (CRETA: NTU-110L900203, MOST 110-2634-F-002-045; MOST 106-2628-H-002-001-MY4)

Joseph Tao-yi Wang and Wei James Chen (2019), “Investigating Pupil Dilation in Decision Research,” in *Handbook of Process Tracing Methods for Decision Research: A Critical Review and User’s Guide*, 2nd ed., edited by Michael Schulte-Mecklenbeck, Anton Kuhberger and Joseph G. Johnson, Taylor & Francis, 45-52.

Fu-Wen Hsieh and Joseph Tao-yi Wang* (2016), “Cheap Talk Games: Comparing Direct and Simplified Replications,” in *Experiments in Organizational Economics, Research in Experimental Economics, Vol.19*, edited by Sebastian J. Goerg and John Hamman, Emerald Group Publishing Ltd., 19-38. (NSC 102-2628-H-002-002-MY4)

Joseph Tao-yi Wang (2010), “Pupil Dilation and Eye-Tracking,” in *Handbook of Process Tracing Methods for Decision Research: A Critical Review and User’s Guide*, edited by Michael Schulte-, Anton Kuhberger and Rob Ranyard, Taylor & Francis, 185-204. (Google Scholar Citation = 91)

Grants, Honors and Awards

2021-25 International Outstanding Young Scholar Grant, Taiwan Ministry of Science and Technology (科技部國際年輕傑出學者研究計畫)

2020, 2014 Excellent Teaching Award, National Taiwan University ([108](#), [102](#) 學年度台灣大學教學優良獎)

John O. Ledyard Endowed Chair Professor of Experimental Economics (雷哲德實驗經濟學講座)

2018 Outstanding Research Award, Taiwan Ministry of Science and Technology (科技部傑出研究獎)

2017-21 and 2013-17 Excellent Junior Research Investigator Grants, Taiwan Ministry of Science and Technology (科技部優秀年輕學者研究計畫)

2014 Young Scholars’ Creativity Award, Foundation for the Advancement of Outstanding Scholarship ([傑出人才發展基金會第二屆年輕學者創新獎](#))

2011 Ta-You Wu Memorial Prize, National Science Council of Taiwan ([國科會吳大猷先生紀念獎](#))
2011 Academia Sinica Research Award for Junior Research Investigators ([中研院年輕學者研究著作獎](#))
2011-12 Fulbright Foreign Scholarship (傅爾布萊特資深學者獎學金)
2010 3rd Sayling Wen's Award for Young Outstanding Researchers in Service Science ([第三屆溫世仁服務科學新苗獎](#))
Taiwan Ministry of Science and Technology (MOST; formerly National Science Council of Taiwan, NSC) Grants: NSC 96-2415-H-002-034-MY2 (10/2007-10/2009), NSC 98-2410-H-002-069-MY2 (8/2009-7/2011), NSC 99-2410-H-002-060-MY3 (8/2010-7/2013), NSC 101-2410-H-002-031-MY3 (8/2012-7/2015), NSC 102-2628-H-002-002-MY4 (8/2013-7/2017), MOST 106-2628-H-002-001-MY4 (8/2017-7/2021), MOST 108-2410-H-002-031-MY2 (8/2019-7/2021), MOST 110-2628-H-002-006 (8/2021-7/2022).

Teaching

Graduate Courses:

Microeconomic Theory (I), NTU (in English, 08F, 09F, 10F, 12F, 13F, 14F, 19F).
Academic English Writing for Economics (I), (II), NTU (09F-10S, 11S).
Experimental Economics, NTU (08S, 09S; in English: 13S, 14S, 15S, 15F, 16S, 17S, 18S, 19S, 20S, 21S; 16S (English) on NTU OCW and 14S (Chinese) on Coursera).
Topics in Neuroeconomics, NTU (08F, 11S, 13S).
Topics in Experimental Economics: Replications, NTU (20S).

Undergraduate Courses:

Freshmen Seminar (17F, 18S, 18F)
Principles of Economics (I): Microeconomics, NTU: (07F, 08F; in English 09F, 10F, 12F, 13F, 14F, 15F, 16F, 17F, 18F, 19F, 20F) with an experimental emphasis (one experiment per week).

Professional Activities

Refereeing for *American Economic Review*, *American Economic Review: Insight, Econometrica*, *Quarterly Journal of Economics*, *Journal of Finance*, *American Journal of Political Science*, *Management Science*, *Review of Economic Studies*, *Economic Journal*, *American Economic Journal: Microeconomics*, *Quantitative Economics*, *Journal of Economic Theory*, *Games and Economic Behavior*, *European Economic Review*, *Economic Inquiry*, *Journal of Economic Behavior and Organization*, *Experimental Economics*, *International Journal of Game Theory*, *Review of Economic Design*, *Journal of Operations Management*, *Journal of Experimental Social Psychology*, *Journal of Behavioral Decision Making*, *PLOS ONE*, *Transactions on Affective Computing*, *Theory and Decision*, *Journal of Institutional and Theoretical Economics*, *Journal of Asian Economics*, *Pacific Economic Review*; National Science Foundation of USA, Social Sciences and Humanities Research Council of Canada, and the Research Grants Council of Hong Kong.

Invited seminars: Washington University, St. Louis; George-Mason University; Economic Theory Seminar, UC Davis; UC Riverside (11/2005); Santa Clara University; Texas A&M University; Lehigh University; Center of Cognitive Science and Department of Economics, Rutgers University; Kiel Institute of Economics; Department of Mathematics, California State University, Long Beach; Chinese University of Hong Kong; Hong Kong University of Science and Technology; National University of Singapore; Singapore Management University; Nanyang Technology University; WISE, Xiamen University.

Board Director of the *Taiwan Economic Association* (2018-20)

Editorial Board of *Taiwan Economic Review* (2016-20)

Director of Taiwan Social Sciences Experimental Laboratory (TASSEL) (2007-present)

Organizer of the Applied Economics Workshop (jointly with Stacey S. Chen) for top research universities in Asia: UTokyo, NUS, HKUST, NTU, Academia Sinica and HKU (2020-2021)

Session Organizer, 18th SAET conference at Academia Sinica, Taipei, Taiwan (6/2018)

Scientific Committee, 2018 Asian-Pacific ESA Conference, Queensland, Australia (2/2018)

Chief Organizer, 2017 Asian-Pacific ESA Conference (APESA), Taipei, Taiwan (2/2017)

References

Colin F. Camerer (camerer@hss.caltech.edu)

Robert Kirby Professor of Behavioral Finance and Economics, California Institute of Technology

Vincent Crawford (vincent.crawford@economics.ox.ac.uk)

Drummond Professor of Political Economy, Oxford University

John G. Riley (riley@econ.ucla.edu)

Distinguished Professor of Economics, University of California, Los Angeles

David K. Levine (david@dklevine.com)

Department of Economics and Robert Schuman Center for Advanced Study Joint Chair and Professor of Microeconomics, European University Institute

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