

Joseph Tao-yi Wang

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Academic Employment

John O. Ledyard Endowed Chair Professor of Experimental Economics (2019/6 – present)
Distinguished Professor of Economics, National Taiwan University (2019/8 – present)
Professor of Economics, National Taiwan University (2014/8 – present)
Associate Professor of Economics, National Taiwan University (2010/8 – 2014/7) (with tenure)
Visiting Associate of Economics, Division of Humanities and Social Sciences, California Institute of Technology (2011/7 – 2012/6)
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

Erik Mohlin, Robert Östling and Joseph Tao-yi Wang (2019), "Learning by Similarity-weighted Imitation in Winner-takes-all Games," accepted by *Games and Economic Behavior*. (NSC 99-2410-H-002-060-MY3, NSC 102-2628-H-002-002-MY4; MOST ranked A+)

Joshua Chen-Yuan Teng, Cheng-Chen Yang and Joseph Tao-yi Wang (2019), "Justice, What Money Can Buy: An Experiment on Primary Social Goods and the Rawlsian Difference Principle," accepted by *Constitutional Political Economy*.

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. (NSC 102-2628-H-002-002-MY4; Flagship journal of the American Political Science Association; 2017 JCR IF = 3.252; ranked on average 3.8 out of 99-169 political science journals in 2008-2017; Google Scholar Citation = 10)

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 = 6)

- 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 = 20)
- Erik Mohlin, Robert Östling and Joseph Tao-yi Wang (2015), "Lowest Unique Bid Auctions with Population Uncertainty," *Economics Letters*, 134, 53-57. (NSC 101-2410-H-002-031-MY3, MOST ranked B+; Google Scholar Citation = 19)
- 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") (NSC 99-2410-H-002-060-MY3, NSC 101-2410-H-002-031-MY3, MOST ranked A+; Google Scholar Citation = 39)
- 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*) (NSC 101-2410-H-002-031-MY3, NSC 102-2628-H-002-002-MY4, MOST ranked A; Google Scholar Citation = 32)
- 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) (NSC 98-2410-H-002-069-MY2, NSC 99-2410-H-002-060-MY3, equivalent to MOST ranked A+; Google Scholar Citation = 116)
- 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 = 359)
- 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. (NSC 96-2415-H-002-034-MY2, MOST ranked A+; Google Scholar Citation = 88)
- 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 6/111 in Psychology, Multidisciplinary; IF = 5.09; Google Scholar Citation = 462)
- 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 = 294)

Book Chapters and Reviews

Joseph Tao-yi Wang and Wei James Chen (2019), “Investigating Pupil Dilation in Decision Research,” Chapter 3 of *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-Mecklenbeck, Anton Kuhberger and Rob Ranyard, Taylor & Francis, 185-204. (Google Scholar Citation = 69)

Grants, Honors and Awards

John O. Ledyard Endowed Chair of Experimental Economics (雷哲德實驗經濟學講座) (6/2019)

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

2017-2021 and 2013-2017 Excellent Junior Research Investigator Grant, Taiwan Ministry of Science and Technology ([科技部優秀年輕學者研究計畫](#))

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

2014 Young Scholar Innovation 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](#)) (5/2014)

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 (5/2011) (傅爾布萊特資深學者獎學金)

3rd Sayling Wen’s Award for Young Outstanding Researchers in Service Science ([溫世仁服務科學新苗獎](#))

Taiwan Ministry of Science and Technology (National Science Council) Grants: NSC 96-2415-H-002-034-MY2, NSC 98-2410-H-002-069-MY2, NSC 99-2410-H-002-060-MY3, NSC 101-2410-H-002-031-MY3, NSC 102-2628-H-002-002-MY4, MOST 106-2628-H-002-001-MY4.

Teaching

Graduate Courses: Microeconomic Theory (I), NTU (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).

16S on NTU OCW; on Coursera as “Experimental Economics I: Behavioral Game Theory.”

Topics in Neuroeconomics, NTU: (08F, 11S, 13S).

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) with an experimental emphasis (one experiment per week).

Departmental Service: Recruiting Committee (2012-20) and its Executive Secretary (2014-15); Graduate Affairs Committee (2010-11); Admission Committee (2009-11, 2012-15, 2016-18); Curriculum Committee (2010-11, 2012-14, 2017-19), reformed undergraduate curriculum for economics majors (10F).

Coordinator of departmental international affairs (2012-13): Finalized dual degree program with CityU's Department of Economics and Finance (13S)

Coordinator of NTU-BESAP (Berkeley Economics Semester-Abroad Program) (10S, 10F, 11S, 11F)

College and University Service: College of Social Science General Assembly Representative (2007-11, 2012-16); College of Social Science Academic Committee (2016-19)

Advisory Board Member for the Academic Writing Education Center (AWEC) of National Taiwan University (2016-18, 2018-20)

Professional Skills

Programming languages: LaTeX, Matlab Psychophysical Toolbox (for research using the mobile Eyelink II and Eyelink Remote, SR-Research), zTree, and STATA.

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: UC Davis (scheduled 1/2020); Washington University, St. Louis; George-Mason University; Economic Theory Seminar, UC Riverside; 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 Economics Association* (2018-19)
Editorial Board of *Taiwan Economic Review* (2016-20)
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)
Director of Taiwan Social Sciences Experimental Laboratory (TASSEL) (2007-present)

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

Chen-Ying Huang (chenying@ntu.edu.tw)

Distinguished Professor of Economics, National Taiwan University

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