

# Songfa Zhong

Department of economics  
National University of Singapore  
AS2 Level 6, 1 Arts Link  
Singapore 11757

Office: (65) 6516 3944  
Fax: (65) 6775 2646  
Email: zhongsongfa@gmail.com  
<http://zhongsongfa.weebly.com/>

## PROFESSIONAL EXPERIENCE

- Aug/10 – present    Assistant Professor, Department of Economics, National University of Singapore
- Jan/10 – Jul/10    Research Fellow, Department of Economics, National University of Singapore
- Sep/09 – Dec/09    Visiting Scholar, Department of Economics, Hong Kong University of Science & Technology
- Feb/09 – Aug/09    Research Associate, Department of Economics, Hong Kong University of Science & Technology

## EDUCATION

- 2009    Ph.D, Economics, Hong Kong University of Science & Technology
- 2004    M.Sc, Economics, Hong Kong University of Science & Technology
- 2003    B.A., Accounting, Peking University

## RESEARCH INTEREST

Behavioral Economics, Experimental Economics, Neuroeconomics

## PUBLICATIONS

### *Behavioral and Experimental Economics*

1. Bin Miao, Songfa Zhong. (alphabetical order) "Comment on 'Risk Preferences are Not Time Preferences': Separating Risk and Time Preference" *American Economic Review*, 2014, forthcoming.
2. Robin Chark, Soo Hong Chew, Songfa Zhong. (alphabetical order). "Extended Present Bias: A Direct Experimental Test" *Theory and Decision*, 2014, forthcoming.
3. Eric Set, Ignacio Saez, Lusha Zhu, Daniel Houser, Noah Myung, Songfa Zhong, Richard Ebstein, Soohong Chew, and Ming Hsu. "Dissociable Contribution of Prefrontal and Striatal Dopaminergic Genes To Learning In Economic Games." *Proceedings of the National Academy of Sciences*, 2014, 111(26): 9615–9620.
4. Richard P Ebstein, Songfa Zhong, Robin Chark, Poh San Lai, Soo Hong Chew. "Genetics of Social Cognition in the Laboratory: Definition, Measurement and Association" in T.

Canlin (eds) *The Oxford Handbook of Molecular Psychology*. Oxford University Press. 2014. (Book Chapter).

5. Soo Hong Chew, Richard P Ebstein, Songfa Zhong. (alphabetical order). "Sex-Hormone Genes and Gender Difference in Ultimatum Game: Experimental Evidence from China and Israel" *Journal of Economic Behavior & Organization*, 2013, 9, 28-42.
6. Shui Ying Tsang, Songfa Zhong, Lingling Mei, Jianhuan Chen, Siu-Kin Ng, Frank W Pun, Cunyou Zhao, Bingyi Jing, Robin Chark, Jianhua Guo, Yunlong Tan, Lijun Li, Chuanyue Wang, Soo Hong Chew, Hong Xue. "Social cognitive role of schizophrenia candidate gene GABRB2." *PLoS One*. 2013 Apr 24;8(4).
7. Songfa Zhong, Mikhail Monakhov, Helen P Mok, Terry Tong, Poh San Lai, Soo Hong Chew, Richard P Ebstein. "U-Shaped Relation between Plasma Oxytocin Levels and Behavior in the Trust Game." *PLoS ONE*, 2012, 7(12): e51095.
8. Soo Hong Chew, Richard P Ebstein, Songfa Zhong. (alphabetical order). "Ambiguity Aversion and Familiarity Bias: Evidence from Behavioral and Gene Association Studies" *Journal of Risk and Uncertainty*, 2012, 44(1), 1-18. (Lead Article).
9. Songfa Zhong, Robin Chark, Richard P Ebstein, Soo Hong Chew. "Imaging Genomics for Utility of Risks over Gains and Losses" *NeuroImage*, 2012 Jan 2;59(1):540-6.
10. Songfa Zhong, Salomon Israel, Idan Shalev, Hong Xue, Richard P Ebstein, Soo Hong Chew. "Dopamine D4 Receptor Gene Associated with Fairness Preference in Ultimatum Game" *PLoS ONE*, 2010 5(11): e13765.
11. Richard P Ebstein, Salomon Israel, Soo Hong Chew, Songfa Zhong, Ariel Knafo. "Genetics of Human Social Behavior" *Neuron*, 2010 6(65), 831-844.
12. Songfa Zhong, Salomon Israel, Hong Xue, Richard P Ebstein, Soo Hong Chew. "Monoamine Oxidase A Gene (MAOA) Associated with Attitude towards Longshot Risks." *PLoS ONE*, 2009 4(12): e8516.
13. Songfa Zhong, Salomon Israel, Hong Xue, Pak C Sham, Richard P Ebstein, Soo Hong Chew. "A Neurochemical Approach to Valuation Sensitivity over Gains and Losses." *Proceedings of the Royal Society B: Biological Sciences*, 2009 276:4181-4188.
14. Songfa Zhong, Soo Hong Chew, Eric Set, Junsen Zhang, Hong Xue, Pak C Sham, Richard P Ebstein, Salomon Israel. "The Heritability of Attitude Toward Economic Risk." *Twin Research and Human Genetics*, 2009 12: 103-107.
15. Soo Hong Chew, King King Li, Robin Chark, Songfa Zhong. "Source Preference and Ambiguity Aversion: Models and Evidence from Behavioral and Neuroimaging Experiments." in D. Houser and K. McCabe (eds.), *Neuroeconomics, Advances in Health Economics*. Emerald Insight. 2008.

#### WORKING PAPER

1. Soo Hong Chew, Bin Miao, Songfa Zhong. "Partial Ambiguity"
2. Bin Miao, Songfa Zhong. "Probabilistic Social Preference: How Machina's Mom Randomizes Her Choice"
3. Robin Chark, Soo Hong Chew, Songfa Zhong. "Individual Preference for Longshot"

4. Zhihua Li, Songfa Zhong. "Look Forward or Think Back? An Examination of Reference Dependent Intertemporal Preferences"
5. Soo Hong Chew, Qiang Shen, Songfa Zhong. "Reference-dependent Stochastic Choice"
6. Teck H Ho, Ming Hsu, Xing Zhang, and Songfa Zhong "Understanding Other-regarding Mechanisms in Heterogeneous Populations"
7. Songfa Zhong, Idan Shalev, David Koh, Richard P Ebstein, Soo Hong Chew. "Competitiveness and Stress"
8. Xiqian Cai, Yi Lu, Jessica Pan, Songfa Zhong. "Gender Gap under Pressure: Performance and Reaction to Shocks"
9. Xiqian Cai, Jie Gong, Yi Lu, Songfa Zhong. "Recover Overnight? Work Interruption and Worker Productivity"
10. Soo Hong Chew, Junjian Yi, Junsen Zhang, Songfa Zhong. "Education and Anomalies in Decision Making: Experimental Evidence from Chinese Adult Twins"
11. Soo Hong Chew, Junjian Yi, Junsen Zhang, Songfa Zhong. "Risk Aversion and Son Preference: Experimental Evidence from Chinese Twin Parents"
12. Songfa Zhong, Robin Chark, Ming Hsu, Soo Hong Chew. "Computational Substrates of Social Norm Enforcement by Unaffected Third Parties"

#### WORK IN PROGRESS

1. Static and Intertemporal Risk Attitude (with Bin Miao)
2. Contest with identity (with Roy Chen, Yushi Jiang, Xvyuan Liu)
3. GWA studies on economic decision making (with Soo Hong Chew, Richard P Ebstein and the B2ESS team)
4. Stress and economic decision making

#### RESEACH GRANT

National University of Singapore, Humanities and Social Sciences Seed Fund, "Stress and Economics Decision Making", Feb 2015 – now, SGD\$39,800.

Singapore Ministry of Education, Academic Research Fund Tier 1, "The Biological Basis of Economic Incentive", March 2011 – Sep 2014, SGD81,500.

National University of Singapore Start-up Fund, "Behavioral and Biological Studies of Economic Decision Making", December 2010 –June 2014, SGD40,000.

#### TEACHING EXPERIENCE

National University of Singapore: Behavioral Economics (2011, 2012, 2013, 2014, 2015); Microeconomic Analysis III (2012); Microeconomic Analysis I (2011); Financial Economics (2010).

Hong Kong University of Science and Technology: Managerial Economics (2009); Biological Economics (2009)

## SEMINAR AND CONFERENCE

- 2014: School of Economics, Shanghai University of Finance and Economics, Shanghai; Department of Economics, Nanyang Technological University; 5th Annual Xiamen University International Workshop on Experimental Economics, Xiamen; FUR (Foundations and Applications of Utility, Risk and Decision Theory), Erasmus University of Rotterdam; RUD (Risk Uncertainty and Decision), University of Warwick, Coventry; D-TEA (Decision: Theory, Experiments and Applications), HEC Paris.
- 2013: RUD (Risk Uncertainty and Decision), HEC Paris; D-TEA (Decision: Theory, Experiments and Applications), HEC Paris; China Meeting of Econometric Society Meeting, Beijing; Asian Meeting of Econometric Society Meeting, Singapore; Singapore Economic Review Conference, Singapore; School of Economics, Shanghai University of Finance and Economics, Shanghai.
- 2012: FUR (Foundations and Applications of Utility, Risk and Decision Theory) Georgia State University, Atlanta, Georgia; RUD (Risk Uncertainty and Decision), Northwestern University, Evanston, IL; International meeting of Economic Science Association, New York University, NY; Images of the Mind Symposium 2012; The 8th Asia-Pacific meeting of the Economic Science Association, Xiamen University, Xiamen.
- 2011: The Meeting of the Federation of Asian and Oceanian Biochemists and Molecular Biologists (FAOBMB), Singapore; School of Economics, Shanghai University of Finance and Economics; Department of Economics, National Taiwan University, Taipei; The Asia Joint Workshop in Economics, National Taiwan University, Taipei; The Asia-Pacific meeting of the Economic Science Association, University of Nottingham, Kuala Lumpur.
- 2010: International Workshop on Experimental Economics and Finance, Xiamen University, Xiamen; Department of Economics, National University of Singapore, Singapore; The SAET Conference, On Current Trends in Economics, National University of Singapore, Singapore; The Asia-Pacific meeting of the Economic Science Association, Melbourne University, Melbourne.
- 2009: International meeting of Economic Science Association, George Mason University, Washington DC; Neuro Social Science Workshop, Osaka University, Osaka.
- 2008: The Asia-Pacific meeting of Economic Science Association, National University of Singapore, Singapore.
- 2007: The Asia Pacific Meeting of the Economic Science Association, Osaka University, Osaka.

## PROFESSIONAL EXPERIENCE

### Ad Hoc Reviewer

Econometrica, Economics Bulletin, Frontiers in Neuroscience, Journal of Economic Theory, Journal Economic Behavior and Organization, Journal of Neuroscience Psychology and Economics, Scandinavian Journal of Economics, Singapore Economic Review.

### Member

American Economic Association, European Economic Association, Economic Science Association, Society for Neuroscience

## MEDIA COVERAGE

Straits Times: “The neuroeconomics of risk-taking and gambling”, April 2013

Straits Times: “Betting on biology of risky behavior”, February 2010

Science Daily: “Why Do People Play the Longshot but Buy Insurance? It's in Our Genes”,  
January 2010

Jerusalem Post: “Playing the lottery, buying insurance - based on genes”, January 2010

My Paper: “Always buying lottery tickets? Blame it on your genes”, January 2010

Chinese Radio News: “Purchase of lottery or insurance linked to genes”, January 2010

Last Update: March 2015