Zidong Zhao

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EDUCATION

Princeton University — Princeton, NJ
Ph.D., Psychology — Expected May, 2021
M.A., Psychology — May, 2019

Vanderbilt University — Nashville, TN
B.A., Psychology (Honors), *summa cum laude* — May, 2016
Minors in Quantitative Methods and Philosophy

RESEARCH EXPERIENCE

Princeton Social Neuroscience Lab — Fall 2016 – Present
Principal Investigator: Diana Tamir
Graduate Researcher

Neuropsychology and Applied Cognitive Neuroscience Lab — Chinese Academy of Sciences
Principal Investigator: Raymond Chan — Summer 2015
Summer Research Intern

Clinical Neuroscience Lab — Fall 2014 – Spring 2016
Principal Investigator: Sohee Park
Honors Research Student

Emotion and Anxiety Research Lab — Fall 2014 – Spring 2016
Principal Investigator: Bunmi Olatunji
Research Assistant

Tong Vision Lab — Spring 2013
Principal Investigator: Frank Tong
Directed Study

MANUSCRIPTS IN PREPARATION

Zhao, Z., & Tamir, D. I. (In Prep). Egocentric Projection is a Rational Strategy for Emotion Prediction.

Zhao, Z., Hawkins, R. D., Griffiths, T. L. & Tamir, D. I. (In Prep). Accurate Emotion Prediction through Rapid Inductive Inference: A Probabilistic Modeling Approach.

Rubin-McGregor, J., **Zhao, Z.**, & Tamir, D. (Under Review) Simulation Induces Durable, Extensive Changes to Self-Knowledge.

PUBLICATIONS

Zhao, Z., Thornton, M. A., & Tamir, D. I. (2020). Accurate Emotion Prediction in Dyads and Groups and its Potential Social Benefits. *Emotion*.

Zhao, Z., Mildner, J., & Tamir, D.I. (2020). Successful simulation requires bridging levels of abstraction. *Behavioral and Brain Sciences*.

Meyer, M. L., **Zhao, Z.**, & Tamir, D. I. (2019). Simulating others changes the self. *Journal of Experimental Psychology: General*.

Olatunji, B. O., Berg, H. E., & **Zhao, Z.** (2017). Emotional regulation of fear and disgust: Differential effects of reappraisal and suppression. *Cognition and Emotion*.

CONFERENCE PRESENTATIONS

Zhao, Z. & Tamir, D. I. (February, 2021). Egocentrism as a Rational Strategy for Emotion Prediction. Poster presented at the Society for Personality and Social Psychology annual meeting, Virtual Conference.

Zhao, Z., Brietzke, S.C., Meyer, M.L., & Tamir, D. I. (February, 2019). Simulating Others Induces Malleability in Neural Representations of the Self. Poster presented at the Social and Affective Neuroscience Society annual meeting, Miami, FL.

Zhao, Z., Thornton, M. A., & Tamir, D. I. (February, 2019). Accurate Prediction of Emotion Transitions is Associated with Social Benefits. Poster presented at the Society for Personality and Social Psychology annual meeting, Portland, OR.

Zhao, Z., Meyer, M. L., & Tamir, D. I. (March, 2018). Simulating others induces changes in the self. Poster presented at the Society for Personality and Social Psychology annual meeting, Atlanta, GA.

Zhao, Z., & Olatunji B. O. (September, 2014). Disgust Learning and Eating Disorder Symptoms. Poster presented at the Vanderbilt Undergraduate Research Fair, Nashville, TN

HONORS AND AWARDS

Princeton Centennial Fellowship 2016–present
Vanderbilt University Dean's List 2012 – 2016
Vanderbilt Undergraduate Summer Research Grant Summer 2014

TEACHING

PSY 300 Research Methods in Psychology Fall 2019 & Fall 2020
Lab Instructor
Taught introductory statistics and statistical analyses in R
Mentored students through complete research projects: ideation, study design, data collection, analyses and interpretation, and communication

PSY 232 Social Psychology Fall 2017
Assistant Instructor
Led discussions, taught methods for reviewing the scientific literature and designing behavioral studies

RELEVANT COURSEWORK

Advanced Regression Methods	Scientific Computing for Psychological and Brain Sciences
Multilevel Modeling	Computational models of Human Memory
Structural Equation Modeling	Computational Models of Cognition
Bayesian Data Analysis	

SKILLS

Programming Language: R, Python, SQL, MATLAB, Bash, Git, JavaScript, Julia
Tools: (b)lme, rstan, pandas, keras, pyro, torch, tensorflow, scikitlearn, pymc3, ggplot2, matplotlib, seaborn,
Research and Analytical Skills: experiment and survey design**,** parallel programming, cluster and cloud computing, causal inference, neural networks, statistics and machine learning, dimensionality reduction, data cleaning, data visualization, econometrics, psychometrics, structural equation modeling, growth curve modeling.
Languages: Mandarin Chinese (Native), Cantonese (Full professional), Spanish (Intermediate)