Zhiyan Wang

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Education

2016-	**Ph.D. candidate in Psychology** Cognitive and Perceptual Learning Lab Department of Cognitive, Linguistic and Psychological Sciences Brown University Advisor: Takeo Watanabe
2016-2018	**M.A. in Psychology** Department of Cognitive, Linguistic and Psychological Sciences Brown University *Master Thesis: The mechanisms of visual perceptual learning*
2012-2016	**B.S. in Psychology** Department of Cognitive and Psychological Sciences Peking University, China *Thesis: Lateral Interactions and Grouping in Adaptation*

Professional Experience

2013-2016	**Research Assistant in Accurate Vision Lab** Department of Cognitive and Psychological Sciences Peking University, China PI: Cong Yu
2015.7-2015.9	**Visiting Research Assistant in Cognitive and Perceptual Learning Lab** Department of Cognitive, Linguistic and Psychological Sciences Brown University PI: Takeo Watanabe
2014-2015	**National Undergraduate Innovative Research Program** Department of Cognitive and Psychological Sciences Peking University, China *Project: Feature-based attention and its influence on the transfer of visual perceptual learning*

Publications

Peer-reviewed journal article

Wang Z.*, Tan Q*., Sasaki Y., Watanabe T. (2019). Category-induced transfer of visual perceptual learning. *Current Biology*. 29 (8): 1374-1378. (*equal contributions)

Preprints and journal articles under review
Tamaki M., **Wang Z.**, Watanabe T., Sasaki Y. (preprint). Trained-feature specific offline learning in an orientation detection task. doi: https://doi.org/10.1101/429761. Revise and Resubmit.

In preparation
Wang Z., Kim D., Sasaki Y., Watanabe T. (in preparation). Reward evokes learning following reinforcement learning rules.

Conference Presentations

Wang Z., Kim D., Sasaki Y., Watanabe T. (2017) Reward may explain how reward evokes visual perceptual learning. Poster presentation at *2017 Vision Science Society Annual Meeting*, Tampa, Florida / Poster presentation at '*Atoms, Axons, and Asteroids: Big Data in STEM' – Young Scholar Conference 2017*, Providence, Rhode Island

Wang Z., Tamaki M., Shibata K., Worden M., Sasaki Y., Watanabe T. (2018) Feature-based plasticity revealed by decoded fMRI neural feedback (DecNef). Poster presentation at 2018 *Vision Science Society Annual Meeting*, Tampa, Florida.

Wang Z., Kim D., Hu C., Sasaki Y., Watanabe T. (2018) Reward may evoke visual perceptual learning following reinforcement learning rules. Poster presentation at *2018 Society for Neuroscience Annual Meeting*, San Diego, California.

Honors and Awards

2016-2017	Brown University Graduate Student Fellowship
2015-2016	Peking University Wusi Fellowship, China
2014-2015	Peking University Award for Good Academic Standing, China
2014-2015	National Innovation Award for Undergraduate Research, China

Services

2017-2018	**Organizer, Perception and Action Seminar Series**
	Department of Cognitive, Linguistic and Psychological Sciences
	Brown University

Certificates

2018	Sheridan Teaching Certificate – Level 2 (Course Design)
2017	Sheridan Teaching Certificate – Level 1
2016	Brown University MRI Research Facility – Level 2

Teaching

2017 Fall	Teaching assistant for CLPS 0900 Statistical Methods
2018 Spring	Teaching assistant for CLPS 0900 Statistical Methods
2018 Fall	Teaching assistant for CLPS 0120 Introduction to Sleep

2019 Spring   Teaching assistant for CLPS 0710 The Psychology and Philosophy of Happiness

Mentoring
Undergraduate   Chun Hu
Master/ Intern   Giorgia Pedroncelli

Professional Memberships
2018- present   Society for Neuroscience
2015- present   Vision Science Society