Stanford

# Yuan Zhang

Postdoctoral Research Fellow, Psychiatry

## Bio

### BIO

I was trained in cognitive neuroscience and computer science. My current research interests involve using multimodal neuroimaging and advanced computational methods to characterize brain network organization underlying affective and cognitive processing in children with and without neurodevelopmental disorders.

### HONORS AND AWARDS

- Sammy Kuo Award (Paper of the Year), Stanford Neurosciences Institute, Stanford University School of Medicine (2019)
- Graduated with distinction, Beijing, China (2015)
- Graduated with distinction, Peking University (2015)
- The Fifty-Four Scholarship, Peking University (2012-2013)
- Excellent Study Award, Peking University (2011-2012)
- Scholarship for Studying Abroad, the Chinese Scholarship Council (2011-2012)
- Third Prize, The ACM Programming Contest, Peking University (2011)
- Second Prize, The ACM Programming Contest, Peking University (2010)
- The Fifty-Four Scholarship, Peking University (2009-2010)
- Graduated with Distinction, Beijing University of Technology (2008)
- Bronze Medal, The Asia ACM Programming Contest, Xian Site (2006)
- Honorable Mention, The Asia ACM Programming Contest, Beijing Site (2006)

### PROFESSIONAL EDUCATION

- Bachelor of Engineering, Beijing University of Technology (2008)
- Doctor of Philosophy, Peking University (2015)

## Publications

### PUBLICATIONS

- **Anxiety and Stress Alter Decision-Making Dynamics and Causal Amygdala-Dorsolateral Prefrontal Cortex Circuits During Emotion Regulation in Children.** *Biological psychiatry*
  Warren, S. L., Zhang, Y., Duberg, K., Mistry, P., Cai, W., Qin, S., Bostan, S. N., Padmanabhan, A., Carrion, V. G., Menon, V.
  2020

- **Development of human emotion circuits investigated using a Big-Data analytic approach: Stability, reliability, and robustness.** *The Journal of neuroscience : the official journal of the Society for Neuroscience*
  Zhang, Y., Padmanabhan, A., Gross, J. J., Menon, V.

2019

- **Intention Modulates the Effect of Punishment Threat in Norm Enforcement via the Lateral Orbitofrontal Cortex** *JOURNAL OF NEUROSCIENCE*
  Zhang, Y., Yu, H., Yin, Y., Zhou, X.
  2016; 36 (35): 9217-9226

- **Dynamic Temporal Inflexibility of the Frontoparietal Network Predicts Depression Severity and Treatment Response in Internalizing Psychopathologies**
  Young, C., Chen, T., Zhang, Y., Klumpp, H., Phan, K., Menon, V.
  ELSEVIER SCIENCE INC.2018: S196–S197

- **Lateral prefrontal/orbitofrontal cortex has different roles in norm compliance in gain and loss domains: a transcranial current stimulation (tDCS) study.** *The European journal of neuroscience*
  Yin, Y., Yu, H., Su, Z., Zhang, Y., Zhou, X.
  2017

- **Synchronized network activity as the origin of a P300 component in a facial attractiveness judgment task** *PSYCHOPHYSIOLOGY*
  Zhang, Y., Tang, A. C., Zhou, X.
  2014; 51 (3): 285-289

- **Brain responses in evaluating feedback stimuli with a social dimension** *FRONTIERS IN HUMAN NEUROSCIENCE*
  Zhang, Y., Li, X., Qian, X., Zhou, X.
  2012; 6

- **ELECTROENCEPHALOGRAM OSCILLATIONS DIFFERENTIATE SEMANTIC AND PROSODIC PROCESSES DURING SENTENCE READING** *NEUROSCIENCE*
  Luo, Y., Zhang, Y., Feng, X., Zhou, X.
  2010; 169 (2): 654-664