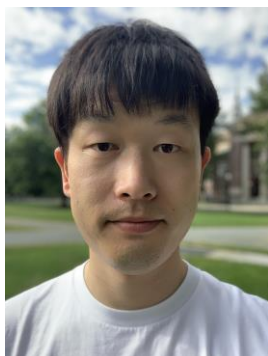# CURRICULUM VITAE

Feng Zhou (周峰)

CONTACT INFORMATION

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EDUCATION

2019-2020   Visiting Ph.D. student
                 Dartmouth College, Advisor: Prof. Tor Wager

2016-Present   Ph.D., Biomedical Engineering
                 University of Electronic Science and Technology of China
                 Advisor: Prof. Benjamin Becker

2012-2014   M.A. Psychology
                 Southwest University of China, Advisor: Prof. Tingyong Feng

2007-2011   B.A., International Economics and Trade
                 Nanjing Forestry University

TEACHING EXPERIENCE

07/02-07/05 (2018)   Invited course lecture – Basic and advanced fMRI designs and analyses
                     University of Electronic Science and Technology of China

05/01-05/03 (2018)   Invited course lecture – Neuroimaging workshop
                     National University of Malaysia

RESEARCH INTEREST

Emotion, Affect, Cognition, Addiction, Machine Learning, fMRI

RESEARCH AREAS

My research uses neuroimaging and physiological methods to understand the neurophysiology of affective processes (e.g., emotion and empathy) and how they are shaped by cognitive influences. The longer-term goal of my research is to develop novel treatment approaches for emotional dysregulation disorders.

AWARDS

2018   The First Prize Scholarship for graduate students
University of Electronic Science and Technology of China

2019   National Scholarship for graduate students
University of Electronic Science and Technology of China

SELECTED PUBLICATIONS

Pre-print Publications

Zhou, F., Zhao, W., Qi, Z., Geng, Y., Yao, S., Kendrick, K. M., Wager, T. D.[#], Becker, B.[#] (2020). Beyond fear centers: a distributed fMRI-based neuromarker for the subjective experience of fear. bioRxiv (Under review).

Peer-Reviewed Publications

Zhou, F.[#], Li, J., Zhao, W., Xu, L., Zheng, X., Fu, M., ... & Becker, B.[#] (2020). Empathic pain evoked by sensory and emotional-communicative cues share common and process-specific neural representation. *eLife,* 9, e56929.

Zhou, F., Geng, Y., Xin, F., Li, J., Feng, P., Liu, C., ... & Becker, B. (2019). Human extinction learning is accelerated by an angiotensin antagonist via ventromedial prefrontal cortex and its connections with basolateral amygdala. *Biological psychiatry, 86*(12), 910-920.

Zhou, F.*, Montag, C.*, Sariyska, R., Lachmann, B., Reuter, M., Weber, B., ... & Becker, B. (2019). Orbitofrontal gray matter deficits as marker of Internet gaming disorder: converging evidence from a cross‐sectional and prospective longitudinal design. *Addiction biology*, *24*(1), 100-109.

Zhou, F.*, Zimmermann, K.*, Xin, F., Scheele, D., Dau, W., Banger, M., ... & Becker, B. (2018). Shifted balance of dorsal versus ventral striatal communication with frontal reward and regulatory regions in cannabis‐dependent males. *Human brain mapping*, *39*(12), 5062-5073.

Book Chapters

Becker, B. & **Zhou, F.** (2020). Neural processing of fear – from animal models to human

research. Encyclopedia of Behavioural Neuroscience 2e.

For full publication list please see https://scholar.google.com.hk/citations?user=eAOEQ-IAAAAJ&hl=zh-CN&oi=sra