



WORK EXPERIENCE

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| Research Assistant | 1. Shenzhen Institute of Neuroscience 2. Guangdong-Hongkong-Macau Institute of CNS Regeneration and Ministry of Education CNS Regeneration Collaborative Joint Laboratory | 2019.06 - present |
| <ul style="list-style-type: none">Project 1: Myeloarchitectonic asymmetries of cortical language regions;Project 2: Acupoint-Brain mapping revealed by FUS stimulation on language-relevant acupoints;Project 3: Microstructural proliferation of cortical regions of golf athletes. <p>- <i>Keywords: human language processing, fMRI, qMRI</i></p> | | |

EDUCATION

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|---|------------------------------|------------------|
| Master of Psychology | East China Normal University | 2016.09 -2019.06 |
| <ul style="list-style-type: none">Project 1: The inter-brain mechanism of mate choice;Project 2: The influence of oxytocin on coordination and its underlying inter-brain mechanism. <p>- <i>Keywords: social interaction, multi-person experiment, fNIRS, hyperscanning</i></p> | | |
| Bachelor of Applied Psychology | Jilin University | 2012.09 -2016.06 |
| Major GPA: 91/100; 3.83/4; Overall GPA: 88.75/100; 3.59/ 4; | | |

PUBLICATIONS

[#co-first author, *corresponding author]

- Yuan, D., Luo, D., Kwok, V., Zhou, Y., Tian, H., Yu, Q., An, J., Gao, J.*, Qiu, S.*, Tan, L. H.* (Under Review). Myeloarchitectonic asymmetries of language regions in the human brain. *Cereb. Cortex*.
- Yuan, D.#, Tian, H.#, Zhou, Y., Wu, J., Sun, T., Xiao, Z., Shang, C., Wang, J., Chen, X., Sun, Y., Qiu, S.* , Tan, L. H.* (Accepted). Acupoint-brain mapping (acubrain mapping): Common and distinct cortical language regions activated by FUS stimulation on two language-relevant acupoints. *Brain. Lang.*
- Yuan, D., Zhang, R., Liu, J., Feng, D., Hu, Y., Li, X.*, Wang, Y.*, & Zhou, X.* (Under Review). Interpersonal neural synchronization could predict the outcome of mate choice. *Neuropsychologia*
- Zhang, R., Zhou, X., Feng, D., Yuan, D., Li, S., Li, X.* (Under Review). Effects of acute psychosocial stress on interpersonal cooperation and competition in young females. *Brain. Cogn.*
- Liu, J.#, Qiu, S.#, Chen, X.#, Zhou, Y., Wu, J., Sun, T., Yuan, D., Tian, H., Kwok, V., Tan, L. H.* (2020) Focused ultrasound stimulation on human language-related acupoints modulates brain activity in cortical language processing regions. *Hum. Behav. Brain.* 1(1), 22-27
- Li, X.*, Yuan, D., Fan, Y., Yan, C., & Gao, L. (2019). Effect of motion perception on intertemporal choice is associated with the altered time perception. *Psychol. Rep.* 122(1), 117-134.
- Liu, J.#, Zhang, R.#, Geng, B., Zhang, T., Yuan, D., Otani, S., & Li, X.* (2019). Interplay between prior knowledge and communication mode on teaching effectiveness: interpersonal neural synchronization as a neural marker. *Neuroimage.* 193, 93-102.
- Wang, C., Zhang, T., Shan, Z., Liu, J., Yuan, D., & Li, X.* (2019). Dynamic interpersonal neural synchronization underlying pain-induced cooperation in females. *Hum. Brain Mapp.* 40(11), 3222-3232.
- Li, X.*, Bei, L., Yuan, D., Ding, Y., & Feng, D. (2018). The brain-to-brain correlates of social interaction in the perspective of hyperscanning approach. *J. Psychol. Sci.* (6), 29. [in Chinese]

PATENT

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| The detection technique, system and storage medium of hemispheric asymmetry | 2020.04 |
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Application number: 202010367686.3

CONFERENCE

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| fNIRS 2018 | Tokyo, Japan | 2018.10 |
| Oral Talk: Interpersonal neural synchronization as a neural signature of outcome of mate choice | | |
| Chinese Psychological Society | Chongqing, China | 2017.06 |
| Poster: Interpersonal neural synchronization as a neural signature of mate choice | | |
| 2nd Symposium on Inter-Brain Cognition | Shanghai, China | 2017.04 |
| Oral Talk: Synchronous brain activity during cooperative reading depends on reciprocal attraction | | |
| Shanghai Psychological Society | Shanghai, China | 2016.11 |
| Oral Talk: The effect of subliminal affective priming on directed forgetting | | |
| “Psychology for the 21st century” Undergraduate Academic Forum in Peking University | Beijing, China | 2015.04 |
| Poster: The effect of subliminal affective priming on directed forgetting | | |

SKILLS

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- Extensive experience in operating experimental facilities such as MRI (Siemens, prisma 3T), fNIRS (Hitachi ETG7100), Eye-tracker (Tobii Pro Glasses2);
 - Proficient in data processing and analyses for behavioral and neuroimaging data (fMRI, qMRI, DCM, Wavelet Transform Coherence, Granger Causality Analysis);
 - Proficient in technical skills such as Matlab, Psychtoolbox, Eprime, GraphPad Prism6, Origin 2018.
 - Language: Mandarin; English (GRE: 321+3.5)

AWARDS & HONOR

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- The Second Prize Scholarship ¥ 1000 (2012~2013)
 - The Individual Scholarship ¥ 300 (2013~2014)
 - The Second Prize Scholarship ¥ 1000 (2014~2015)
 - The National College Students' Innovation and Entrepreneurship Training Program ¥ 5000, 2014
 - The National Grant for Full-time Graduate Student ¥ 18000 (2016~2019)
 - Best Presentation, Title “Interpersonal neural synchronization predicts the outcome of mate choice”, School of Psychology and Cognitive Science, East China Normal University, 2018
 - Wisdom Scholarship of East China Normal University ¥ 2000, 2019