Han Jia
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POSITION
University of Georgia, Athens, GA
Graduate Teaching Assistant Fall 2022-Present
Doctoral candidate in Behavioral and Brain Sciences, UGA

EDUCATION
Sichuan Normal University, Sichuan, China
Master of Science, Experimental psychology, Fall 2019-Spring 2022
Cumulative GPA: 3.53/4.00

PROFESSIONAL AND RESEARCH EXPERIENCE

Doctoral Program (Fall 2022 – Present)

Project: Brain Activity in Emotional Video vs. Picture Study
- Worked under Dr. Sabatinelli employing "hamp" analysis to investigate emotional video evoked averaged EEG and its comparison to emotional picture evoked ERPs.
- Collected, analyzed and explored "hamp" analysis.

Project: Evoked related Potentials in emotional scene perception (Emotion Perception)
- Worked under Dr. Sabatinelli exploring the extent to which emotional modulation of the event-related potentials (EPNs) is dependent on the presence of bodies.
- Collected, analyzed and explored electroencephalograms (EEGs) data utilizing Matlab and R.

Project: Event related desynchronization in emotional scene perception
- Worked under Dr. Sabatinelli employing Wavelet analysis to investigate alpha- and beta-event related desynchronization during the perception of emotional scenes.
- Analyzed and explored EEG data using Wavelet analysis methods utilizing Matlab and R.
- Presented research findings on a poster at the 2023 Annual Meeting of the Society for Psychophysiological Research.

Master's Program (Fall 2019 – Spring 2022)

Project: N270 component reflects implicit processing of gaze direction

- Worked under Dr. Hu, and we focused on the testimony of ERPs (N270 and N400) to examine the processing state between perception and recognition in implicit gaze perception. Developed the experimental procedure and successfully collected EEG data from 43 participants.
- Conducted comprehensive data analysis using both ERP and Time-Frequency analysis methods on the EEG data.
- Explored sex-dependent results in ERP analysis, while noting no significant findings in Continuous Wavelet Transform (CWT).

Project: Face mask influenced social attention in threat context
- Investigated the task-relevant and sex-dependent effects of surgical masks on social attention.
- Designed and executed a series of targeted experiments, successfully demonstrating the proposed effects and achieving substantial results.

Project: The impact of cathodal and anodal transcranial direct current stimulation (tDCS) on the right temporal-parietal junction in gaze perception.
- Designed distinct series of experiments, each targeting different stages of gaze processing and involving separate mechanisms.
- Utilizing tDCS methods, combine series of behavioral paradigms.
- Collected, analyzed and explored data.

Project: The perception of the cone of direct gaze of autism spectrum disorder children
- Participated in a research project involving children with Autism Spectrum Disorder (ASD), focusing on the collection of behavioral data.
- Conducted IQ testing on ASD children using the Wechsler Intelligence Scale, ensuring accurate and reliable data collection for the study.

RELEVANT COURSEWORK

Doctoral Program (Fall 2022 – Present)

1. **PSYC 6420: Advanced Experimental Psychology:** University of Georgia. Grade: A
2. **PSYC 6430: Applied Regression:** University of Georgia. Grade: A

Master's Program (Fall 2019 – Spring 2022)

1. **Application of Brain Imaging Methods**: Sichuan Normal University. Grade: 88/100
2. **Scientific Methods and Academic Writing**: Sichuan Normal University. Grade: 89/100
3. **Data analysis in Psychological Science**: Sichuan Normal University. Grade: 95/100
4. **Psychological Regulation of Emotion**: Sichuan Normal University. Grade: 92/100

REWARDS

1. **John and Mary Franklin Foundation travel award**(2024).

PRESENTATIONS

1. **Event Related Desynchronization in Emotional Scene Perception.** Poster presented at the at the 2023 Annual Meeting of the Society for Psychophysiological Research

PUBLICATIONS

1. Jia, H., Wang, Q., Feng, X., & Hu, Z. (2023). Face Mask Reduces Gaze-Cueing Effect.

2. Zheng, Y., Shi, Y., Jia, H., Gao, S.*, & Hu, Z.* (2021). Intranasal oxytocin enhances the perception of ambiguous averted gaze in women but not in men. Psychopharmacology, *238(7)*, 2021-2029.
   doi:10.1007/s00213-021-05828-5.

TEACHING ASSISTANT EXPERIENCE

1. **PSYC3980: Research Design in Psychology:** University of Georgia (Fall 2022 – Fall 2023)
   Undergraduate Level Sophomore course