

Shaoshuai Zhang

PhD Candidate in Psychology

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Beijing, China

EDUCATION

- **Central China Normal University (CCNU)** Sep 2021 - July 2024
Master's in Psychology Wuhan, China
 - **Supervisor:** Asst.Prof. Xu Li
- **Civil Aviation University of China (CAUC)** Sep 2017 - July 2021
B.S. in Management Science Tianjin, China

PUBLICATIONS

- **Zhang, S.-S., Zhong, Y., Li, X., & Peng, M. (2024). Dissociation of prepotent response inhibition and interference control in problematic internet use: evidence from the Go/No-Go and Flanker tasks. BMC Psychology, 12(1).**
- **Ding, L., Zhang, S. (co-first author), Peng, M., & Li, X. (2022). Aging and distractor resistance in working memory: Does emotional valence matter?. BMC Psychology, 10(1).**

MANUSCRIPTS

- **Zhang, S.-S., & Li, X. (in preparation). The age prospective memory paradox: A three-level meta-analytic review.**
- **Zhang, S.-S., & Li, X. (in preparation). Attention and working memory bias to facial emotions in Social Anxiety Disorder: Exploring the coherence among information-processing biases.**

RESEARCH EXPERIENCE

- **Institute of Psychology, Chinese Academy of Sciences** July 2024 - Present
Research Assistant, supervised by Prof. Yi Jiang Beijing, China
 - **Project: Visual Processing of Biological Motion Information**
Funded by the National Natural Science Foundation of China, PI: Asst.Prof. Ying Wang
 - * **Literature Review and Research Design:** Synthesized existing research on biological motion processing and contributed to the experimental design, including participant recruitment, task setup, and stimuli selection.
 - * **Experiment Execution and Data Analysis:** Conducted behavioral, EEG, and fMRI experiments with over 40 participants, ensuring data integrity and optimizing protocols. Led data analysis, including preprocessing EEG and fMRI datasets and applying statistical models.
 - * **Reporting and Team Coordination:** Drafted sections of research reports and manuscripts. Provided ongoing support to team members by monitoring progress, offering feedback, and resolving technical issues in data collection and analysis.
- **Central China Normal University** Sep 2021 - July 2024
Master's Research, supervised by Asst.Prof. Xu Li Wuhan, China
 - **Project: Cognitive Mechanisms of Working Memory Plasticity in Older Adults**
Funded by the National Natural Science Foundation of China, PI: Prof. Xu Li
 - * **Literature Review:** Conducted systematic reviews of the literature on cognitive aging and working memory plasticity, establishing a foundation for the theoretical framework.
 - * **Data Analysis and Technical Support:** Processed and analyzed EEG data from over 60 participants using EEGLAB and custom MATLAB scripts. Managed equipment calibration and ensured regular data backups.
 - * **Report Writing:** Contributed to research papers and internal reports summarizing key findings on cognitive aging and memory plasticity.

◦ **Project: Working Memory Bias Correction in Individuals with Depressive Tendencies**

Funded by the MOE Project of Humanities and Social Sciences, PI: Asst.Prof. Xu Li

- * **Literature Review and Research Design:** Reviewed literature on working memory biases in depression to guide the hypothesis and experimental design. Assisted in creating a protocol to assess and correct these biases.
- * **Experiment Execution and Data Analysis:** Oversaw participant recruitment and managed data collection for 80 participants, ensuring adherence to experimental protocols. Performed statistical analyses using SPSS and MATLAB, testing key hypotheses.
- * **Reporting and Administrative Support:** Authored detailed research reports and collaborated on manuscript drafts. Coordinated logistical aspects of the study, ensuring compliance with ethical standards and managing resources across departments.

SKILLS

- **Programming Languages:** Python (Scikit-learn), MATLAB (Psychtoolbox), R
- **Data Acquisition & Analysis:** EEG (EEGLAB, FieldTrip), fMRI (SPM, FSL), fNIRS, tDCS
- **Statistical Analysis:** R (Mixed-effects models, Meta-analysis), SPSS (ANOVA, Regression)
- **Other Tools & Technologies:** Microsoft Office, LaTeX, Zotero, Notion, Photoshop, Adobe Illustrator

HONORS AND AWARDS

- **Graduate Second-Class Scholarship** *September 2022*
Central China Normal University (CCNU)
 - Awarded for outstanding academic performance.
- **Second-Class Scholarship** *October 2020*
Tianjin Municipal Government, Civil Aviation University of China (CAUC)
 - Recognized for academic excellence and active participation in youth league activities.
- **Second-Class Scholarship, Excellent Student Leader** *October 2019*
Tianjin Municipal Government, Civil Aviation University of China (CAUC)
 - Honored for leadership and academic achievements as a student leader.
- **National Encouragement Scholarship, First-Class Scholarship, Excellent Student Leader** *October 2018*
Tianjin Municipal Government, Civil Aviation University of China (CAUC)
 - Awarded for exceptional academic performance, leadership skills, and contributions to student governance.

TEACHING EXPERIENCE

- **Central China Normal University (CCNU)** *Spring 2023*
Teaching Assistant, Abnormal Psychology *Wuhan, China*
 - Assisted in creating and preparing lecture slides and teaching materials, ensuring clarity and alignment with course objectives.
 - Recorded and monitored student attendance throughout the semester, maintaining accurate records for the instructor.
 - Compiled and organized exam scores, providing statistical summaries and feedback on student performance.
- **Central China Normal University (CCNU)** *Spring 2022*
Teaching Assistant, Cyber Psychology *Wuhan, China*
 - Collaborated with the course instructor to develop and enhance lecture slides and course materials, ensuring up-to-date content.
 - Tracked student attendance, providing timely updates to the instructor on participation rates.

REFERENCES

1. **Yi Jiang**

Professor, Department of Cognitive and Developmental Psychology
Institute of Psychology, Chinese Academy of Sciences
Email: yijiang@psych.ac.cn
Relationship: Project Supervisor

2. **Ying Wang**

Associate Professor, Department of Cognitive and Developmental Psychology
Institute of Psychology, Chinese Academy of Sciences
Email: wangying@psych.ac.cn
Relationship: Mentor

3. **Xu Li**

Associate Professor, Hubei Human Development and Mental Health Key Laboratory
School of Psychology, Central China Normal University
Email: xuli@ccnu.edu.cn
Relationship: Mentor