Baiwei Liu

Address: Department of Behavior and Movement science, Vrije Universiteit Amsterdam, De Boelelaan 1105, 1081 HV Amsterdam, Netherlands
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CURRENT OBJECTIVE

Obtain a Doctor of Philosophy's Degree in Cognitive neuroscience

EDUCATION

2018 – now (Expected 2020). Master student in Department of Behavior and Movement science, Vrije Universiteit Amsterdam, Netherlands
Supervisor: Prof.dr. Jan Theeuwes, Prof. dr. Christian. N. L Olivers, and Dr. Benchi Wang
Current GPA: 8.0/10.0

2015 – 2018. Research Assistant in Applied Psychology, Zhejiang Normal University, China
Supervisor: Dr. Prof. Xiaohua Cao and Dr. Benchi Wang

2012 – 2016. B.S. in Applied Psychology, Zhejiang Normal University, China
Supervisor: Dr. Prof. Xiaohua Cao
GPA: 2.69/5.00

RELEVANT COURSES

Bachelor:
Cognitive Psychology (87/100), Psychological Statistic (88/100), Experimental Psychology (87/100), Physiological Psychology (86/100), Psychological Research Methods (86/100)
Psychological Experiment and Data Analysis: Research Reports Writing (87/100), Multivariate Statistical Analysis (92/100), Professional English Reading (93/100)

Master:
Seminar Attention (8.5/10)
Programming for Psychologists (9.5/10)
Brain Imaging (9.0/10)
Practical Skill for Researchers (8.5/10)
Cognitive Electrophysiology - EEG and time series analysis (ongoing)
Neural Models of Cognitive Processes AI (ongoing)

RESEARCH INTERESTS

Visual working memory, visual long-term memory, visual attention

PAPERS IN PREPARATION

1. Liu, B., Cao, X., Chen, S., Li, X., & Wang, B. Verbal encoding facilitates visual working memory consolidation: Evidence from Chinese characters, *In Preparation*.

2. Liu, B., Cao, X., Li, X., Theeuwes, J., & Wang, B. Separate memory storage systems support information retrieved from long-term memory and information encoded into working memory. *In Preparation*.

PROJECT ONGOING

1. Baiwei Liu, Jan Theeuwes, & Benchi Wang. The effect of feature-based retro-cue is supported by binding information not spatial mechanism. *In Processing*.

2. Baiwei Liu, Jan Theeuwes, & Benchi Wang. Even staying in passive state, information in working memory still can be manipulated. *In Processing*.

3. Baiwei Liu, Jiahui Lu, Jan Theeuwes, & Benchi Wang. The ensemble template in WM guides our attention. *In Processing*.

4. Baiwei Liu, Johannes Fahrenfort, & Christian. N. L. Olivers. Attention oscillation between templates for preparing oncoming multiple targets. *In Processing*.

CONFERENCE PRESENTATION

Liu, B., Theeuwes, J., & Wang, B. (2019). Retro-cueing items in working memory through feature-based attention. The 17th NVP Winter Conference on Brain and Cognition, Utrecht, Netherlands

SKILLS

Programming (Python with pygame, numpy, psychopy, colopy, pandas, scipy & Matlab with MemToolbox，PsyToolbox, EEGLAB, ADAM, fieldtrip)
Statistics analysis (Jamovi & SPSS)
Familiar system (ubuntu，OS x，& windows)
Equipment (eye-tracker & EEG)
Writing (two finished manuscripts)

REFERENCES

Dr. Prof. Jan Theeuwes
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Dr. Prof. Christian. N. L Olivers
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Vrije Universiteit Amsterdam
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Dr. Benchi Wang
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