

Huichao Ji

Curriculum Vitae

05/2024

Contact Information

Department of Psychology

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New Haven, CT

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Education

09. 2022 - Present

Ph.D. student, Department of Psychology, Yale University

Advisor: Brian Scholl

08. 2019 - 06. 2022

M.S., Psychology, Sun Yat-sen University

Advisor: Xiaowei Ding

08. 2015 - 06. 2019

B.S., Psychology, Sun Yat-sen University

Research Experience

02. 2021 - 09. 2021

Research intern, Cognition lab, University of Zurich

Supervised by Ven Popov and Klaus Oberauer

Publications

Ji, H., & Scholl, B. J. (accepted pending revisions). "Visual verbs": Dynamic event types are extracted spontaneously during visual perception. *Journal of Experimental Psychology: General*.

Ji, H., Wang, K., Kong, G., Zhang, X., He, W., & Ding, X. (in press). The basic units of working memory manipulation are Boolean maps, not objects. *Psychological Science*.

Ding, X., **Ji, H.**, Yu, W., Xu, L., Lin, Y., & Sun, Y. (2024). Dissociation between temporal attention and consciousness: Unconscious temporal cue induces temporal expectation

effect. *Consciousness and Cognition*, 119, 103670.

<https://doi.org/10.1016/j.concog.2024.103670>

Xu, L., Yang, Z., **Ji, H.**, Chen, W., Lin, Z., Huang, Y., & Ding, X. (2023). Direct evidence for proactive suppression of salient-but-irrelevant emotional information inputs. *Emotion*. Advance online publication. <https://doi.org/10.1037/emo0001213>

Sun, Y., Wang, X., Huang, Y., **Ji, H.**, & Ding, X. (2022). Biological motion gains preferential access to awareness during continuous flash suppression: Local biological motion matters. *Journal of Experimental Psychology: General*, 151(2), 309–320.
<https://doi.org/10.1037/xge0001078>

Ji, H., Yin, J., Huang, Y., & Ding, X. (2020). Selective attention operates on the group level for interactive biological motion. *Journal of Experimental Psychology: Human Perception and Performance*, 46(12), 1434–1442. <https://doi.org/10.1037/xhp0000866>

Huang, Y., Liu, Z., **Ji, H.**, Duan, Z., Ling, H., Chen, J., & Ding, X. (2020). Attentional bias in methamphetamine users: a visual search task study. *Addiction Research & Theory*, 28(6), 517–525. <https://doi.org/10.1080/16066359.2019.1708905>

Shao, M., Yin, J., **Ji, H.**, Yang, Y., & Song, F. (2020). Distance perception warped by social relations: Social interaction information compresses distance. *Acta Psychologica*, 202, 102948. <https://doi.org/10.1016/j.actpsy.2019.102948>

Ji, H., & Pan, J. S. (2019). Can I choose a throwable object for you? Perceiving affordances for other individuals. *Frontiers in Psychology*, 10, 2205.
<https://doi.org/10.3389/fpsyg.2019.02205>

Manuscripts

Ji, H., Yu, Y., & Ding, X. (in preparation). Real-size-based warping in working memory [working title].

Su, Z., Xie, J., Zhao, Y., Zhou, C., **Ji, H.**, & Ding, X. (in preparation). Physiological mechanisms of episodic memory retrieval: New findings from intracranial sharp-wave ripples. (in Chinese)

Su, Z., Li, Y., Wang, S., Zhang, Y., Li, Y., **Ji, H.**, & Ding, X. (in preparation). Serial dependence

in biological motion perception [working title].

Conference Presentations

Ji, H. & Scholl, B. J. (2023). "Visual verbs": Dynamic event types (such as twisting vs. rotating) are extracted quickly and spontaneously during visual perception. Poster to be presented at the annual meeting of the Vision Sciences Society, 5/22/23, St. Pete Beach, FL.

Popov, V., **Ji, H.**, & Oberauer, K. (2021). Uncertainty Ratings Can Improve the Estimation of Memory Precision by Several Orders of Magnitude. Talk given at the Psychonomic Society's 62nd Annual Meeting, 11/6/21, online.

Ji, H., Wang, K., Kong, G., Mao, H., Zhang, X., & Ding, X. (2021). How does Working Memory Work? Objects but not Boolean Maps as the Manipulation Unit of Working Memory. Poster presented at the annual meeting of the Vision Sciences Society, 5/25/21, online.

Yang, Z., **Ji, H.**, Chen, W., Ren, Y. (2021). Category Learning of Medical Images: How does Comparison Help? Poster presented at the annual meeting of the Vision Sciences Society, 5/25/21, online.

Li, W., **Ji, H.**, Gao, Z., Ding, X. (2021). Memory Superiority for Interactive Biological Motion in Working Memory. Poster presented at the annual meeting of the Vision Sciences Society, 5/25/21, online.

He, W., **Ji, H.**, Gao, Z., Ding, X. (2021). The Fate of Surface Features in Moving Object When Crossing a Tunnel. Poster presented at the annual meeting of the Vision Sciences Society, 5/25/21, online.

Li, Y., Ding, X., Qian, J., Su, Z., **Ji, H.** (2021). Serial Dependence in Biological Motion Perception. Poster presented at the annual meeting of the Vision Sciences Society, 5/24/21, online.

Ji, H., Yin, J., Huang, Y., & Ding, X. (2020). Event-based Attention: Selective Attention can Operate Interactive Biological Motion as a Unit. Poster presented at the annual meeting of the Vision Sciences Society, 6/12/20, online. <https://doi.org/10.1167/jov.20.11.203>

Ji, H., Wang, K., Mao, H., Zhang, X., & Ding, X. (2020). How does Working Memory Work? The Manipulation Unit of Visual Working Memory. Talk given at the Virtual Working Memory Symposium, 6/3/20, online.

Ji, H., & Pan, J. S. (2019). Can I Choose a Throwable Object for You? Perceiving Affordances for Other Individuals. Poster presented at the 4th China Vision Science, 7/7/19, Chengdu, Sichuan, China.

Grants

06. 2018 - 03. 2019	Laboratory Open Fund of Sun Yat-sen University, <i>"Exploring the relationship between sensory perception and motor control: Take throwing as an example."</i> (CNY10,000) Principal investigator
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Honors

- 2022 *Outstanding Graduate Award*
Sun Yat-sen University
- 2021 *Oral Presentation Award (2nd place)*
Greater Bay Area Young Scholars Forum on Psychological Science
- 2021 *Second Prize Scholarship of Outstanding Students*
Sun Yat-sen University
- 2020 *National Scholarship for Graduate Student*
The Ministry of Education of the People's Republic of China
- 2020 *First Prize Scholarship of Outstanding Students*
Sun Yat-sen University
- 2019 *Second Prize Scholarship of Outstanding Students*
Sun Yat-sen University
- 2018 *Third Prize Scholarship of Outstanding Students*
Sun Yat-sen University
- 2017 *Academic Progress Award*
Sun Yat-sen University

Invited Talks

- 2022.3 Perception & Mind Lab
Johns Hopkins University

Teaching Experience

- 2024 Teaching Fellow, Introduction to Psychology (Stephanie Lazzaro), Yale University
- 2023 Teaching Fellow, The Modern Unconscious (John Bargh), Yale University

2020 Teaching Assistant, Special Topics on Attention Research
(Xiaowei Ding), Sun Yat-sen University

Students Supervised

2020-2021 Yichen Yu, Sun Yat-sen University'21
(now Master student at UCL)

2020-2021 Innovation training program for college students, "*A new framework for social working memory: A series of studies based on virtual reality*", Xinlin Yang, Lechen Hu, Xinyue Liang, Sihan Wei, Sun Yat-sen University'23

2020-2021 Innovation training program for college students, "*Serial dependence in biological motion perception*", Yongqi Li, Zhou Su, Jiayu Qian, Jizhen Xiao, Sun Yat-sen University'22

Academic Skills

Data collection: Psychophysics (JavaScript, MATLAB), eye-tracking (Eyelink 1000Plus), EEG, fMRI

Data analysis: MATLAB, R, Python, JASP, SPSS

Graphics: R, MATLAB, Adobe Illustrator, Photoshop, Lightroom

Language: Chinese (native), English (proficient, TOFEL 107)

References

Brian Scholl	Yale University	brian.scholl@yale.edu
Xiaowei Ding	Sun Yat-sen University	dingxw3@mail.sysu.edu.cn
Klaus Oberauer	University of Zurich	k.oberauer@psychologie.uzh.ch