

Huichao Ji

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Education

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| 09.2022 - Present | Ph.D. student, Department of Psychology, Yale University <i>Advisor: Brian Scholl</i> |
| 08.2019 - 06.2022 | M.S., Psychology, Sun Yat-sen University |
| 08.2015 - 06.2019 | B.S., Psychology, Sun Yat-sen University |

Research Experience

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| 02.2021 - 09.2021 | Research intern, Cognition lab, University of Zurich Supervised by Ven Popov and Klaus Oberauer |
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Publications

Ji, H., & Scholl, B. J. (2026). Dynamic categorical memory distortion from "visual verbs". *Cognition*, 270, Article 106379, 1-7.

Ji, H., & Scholl, B. J. (2025). Pouring, scooping, bouncing, rolling, twisting, and rotating: Does spontaneous categorical perception of dynamic event types reflect verbal encoding or visual processing? *Attention, Perception, & Psychophysics*, 87(8), 2430-2441.

Su, Z., Li, Y., Wang, S., Zhang, Y., Li, Y., **Ji, H.**, & Ding, X. (2025). Serial dependence in biological motion perception: Unique patterns compared to non-biological motion. *Journal of Experimental Psychology: Human Perception and Performance*, 51(9), 1147-1166.

Li, S., Wang, S., **Ji, H.**, Tian, N., Xu, L., Chen, W., & Ding, X. (2024). The dual nature of working memory deficits: methamphetamine abusers have more impaired social working memory capacity than canonical working memory capacity. *Psychological Research*, 88(7), 1969-1980.

Ji, H., & Scholl, B. J. (2024). "Visual verbs": Dynamic event types are extracted spontaneously during visual perception. *Journal of Experimental Psychology: General*, 153(10), 2441-2453.

Ji, H., Wang, K., Kong, G., Zhang, X., He, W., & Ding, X. (2024). The basic units of working memory manipulation are Boolean maps, not objects. *Psychological Science*, 35(8), 887-899.

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.

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*, 23(7), 2039-2058.

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.

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.

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.

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.

Ji, H., & Pan, J. S. (2019). Can I choose a throwable object for you? Perceiving affordances for other individuals. *Frontiers in Psychology*, 10, 2205.

Manuscripts

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

Conference Presentations

Ji, H., & Scholl, B. J. (2025). 'Visual verbs' drive adaptive predictions: Perception of dynamic event types spontaneously changes visual working memory encoding. Talk given at the annual meeting of the Vision Sciences Society, 5/18/25, St. Pete Beach, FL.

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 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.

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.

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.

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.

Ad Hoc Reviewer

Cognitive Processing

Cognitive Research: Principles and Implications

Honors

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

2017 *Academic Progress Award*
Sun Yat-sen University

Teaching Experience

2025 Teaching Fellow, Psychology and Global Capitalism (Tariq Khan)
Yale University

2024 Teaching Fellow, Introduction to Cognitive Sciences (Brian Scholl)
Yale University

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 mentored

2024-2025 Ore Adeogun, thesis student, Yale University'25

2020-2021 Yichen Yu, thesis student, Sun Yat-sen University'21

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

Service

2025 Student reviewer, Sneak Peek Program, Yale University

2025 Student peer mentor, Yale University

2024 Student organizer, Alumni panel, Yale University

2023 Student organizer, Current Works talk series, Yale University

Software & Languages

JavaScript, MATLAB, R, Python, Blender
Chinese (native), English (proficient, TOEFL 107)

References

Brian Scholl
Xiaowei Ding
Jing Samantha Pan

Yale University
Sun Yat-sen University
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