

Huichao Ji

Curriculum Vitae

07/2022

Contact Information

Department of Psychology

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Sun Yat-sen University

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Guangzhou, China

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Education

09.2022 - Present

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

Supervisor: Brian Scholl

08. 2019 - 06.2022

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

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

04.2019 - 06.2022

Postgraduate research, Sun Yat-sen University

Supervised by Xiaowei Ding

03.2018 - 04.2019

Undergraduate research, Sun Yat-sen University

Supervised by Jing Samantha Pan

Publications (#: co-first author; *: corresponding author)

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 (#: co-first author; *: corresponding author)

Ding, X., **Ji, H.**, Xu, L., Luo, X., & Sun, Y.^{*} (submitted). Dissociation between temporal attention and consciousness: Unconscious temporal cue induces temporal expectation effect

Xu, L., Yang, Z., **Ji, H.**, Huang, Y.^{*}, & Ding, X.^{*} (submitted). Direct evidence for proactively suppression of salient-but-irrelevant emotion information inputs

Li, S., Tian, N., **Ji, H.**, Ding, X.^{*} (submitted). Greater damage to the social brain: Methamphetamine abusers had more impaired social working memory capacity than canonical working memory capacity.

Ji, H., Wang, K., Kong, G., Zhang, X., He, W., & Ding, X.^{*} (in preparation). How does working memory work? The manipulation unit of working memory.

He, W., **Ji, H.**[#], Huang, Y.^{*}, & Ding, X.^{*} (in preparation). Time compression when observing intuitive physics.

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)

Li, Y., Su, Z., Qian, J., Xiao, J., **Ji, H.** *, & Ding, X. * (in preparation). Serial dependence in biological motion perception.

Conference Presentations

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,
*"Exploring the relationship between sensory perception
 and motor control: Take throwing as an example."*
 (CNY10,000)
 Principal investigator

Honors

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	<i>Academic Progress Award</i> Sun Yat-sen University

Invited Talks

2022.3	Perception & Mind Lab Johns Hopkins University
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Teaching Experience

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

2020-2021	Yichen Yu, Sun Yat-sen University'21 (now Master student at UCL)
2020-2021	Innovation training program for college students, " <i>A new framework for social working memory: A series of studies based on virtual reality</i> ", Xinlin Yang, Lechen Hu, Xinyue Liang, Sihan Wei, Sun Yat-sen University'23
2020-2021	Innovation training program for college students, " <i>Serial dependence in biological motion perception</i> ", Yongqi Li, Zhou Su, Jiayu Qian, Jizhen Xiao, Sun Yat-sen University'22

Academic Skills

<i>Data collection:</i>	Psychophysics (MATLAB psychtoolbox), eye-tracking (Eyelink 1000Plus), EEG, fMRI
<i>Data analysis:</i>	MATLAB, R, JASP, SPSS
<i>Graphics:</i>	R, MATLAB, Adobe Illustrator, Photoshop, Lightroom
<i>Language:</i>	Chinese (native), English (proficient, TOFEL 107)

References

Xiaowei Ding	Sun Yat-sen University	dingxw3@mail.sysu.edu.cn
Klaus Oberauer	University of Zurich	k.oberauer@psychologie.uzh.ch
Jing Samantha Pan	Sun Yat-sen University	panj27@mail.sysu.edu.cn