Curriculum Vitae

Bao Hong

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Contact Information

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Education

- **09/2020 – 06/2026 (Expected)**: Ph.D. in Cognitive Neuroscience, East China Normal University
  Advisor: Li Li (New York University Shanghai)
- **09/2018 – 06/2019**: Minor in Computer Science and Technology, Nanchang University
- **09/2016 – 06/2020**: B.S. in Applied Psychology, Nanchang University

Research Experience

Leading Projects:

- **10/2023**: Temporal dynamics of serial dependence in ocular tracking
- **10/2023**: Neural evidence of serial dependence in smooth pursuit eye movements
- **09/2021**: Serial dependence in smooth pursuit eye movements of preadolescent children and adults

Major Role in Projects:

- **07/2021**: Measuring Visual Discomfort Associated with the Use of Head-Mounted Displays
- **09/2020**: Brain maturation and the development of ocular tracking ability in children

Publications

Journal Papers:

- Hong, B.+, Chen, J.+, Huang, W.J., & Li, L.* (In review). Serial dependence in smooth pursuit eye movements of preadolescent children and adults.
- Hong, B., Chen, J., & Li, L.* (To be submitted). Temporal dynamics of serial dependence in ocular tracking.
- Huang, W.J.+, Chen, J.+, Hong, B., Wang, Y.S., Zuo, X.N.*, & Li, L.* (To be submitted). Investigating Brain Structural Correlates of Ocular Tracking in Preadolescent Children and Young Adults.
- Hong, B., Zhang, L., & Sun, H. (2019). Measurement of the Vertical Spatial Metaphor of Power Concepts Using the Implicit Relational Assessment Procedure. *Frontiers in Psychology*, 10, 1422. Link
- Fan, X.R., Wang, Y.S., ... Hong, B., ... & Zuo, X.N. (2023). A longitudinal resource for population neuroscience of school-age children and adolescents in China. *Scientific Data*, 10(1), 545. Link

Conference Abstracts:

- Hong, B., Huang, W., Li, Y.J., Chen, J., Li, L. (2023). Ocular tracking abilities in preadolescent children. *Advances in Psychological Science*, 31(suppl.), 144-144. Link
- Huang, W., Hong, B., Wu, J., Chen, J., Li, L. (2023). Investigating Brain Structural Correlates of Ocular Tracking in Preadolescent Children and Young Adults. *Advances in Psychological Science*, 31(suppl.), 141-141. Link

Peer-Reviewed Conference Presentations

- Hong, B., Chen, J., & Li, L. (2024, May). Temporal dynamics of serial dependence in ocular tracking. Talk presented at the 2024 Annual Meeting of the Vision Sciences Society, Florida, USA.
- Hong, B., Huang, W.J., Li, E., Chen, J., & Li, L. (2023, August). Ocular tracking abilities in preadolescent children. Talk presented at CVSC2023, Wenzhou, Zhejiang, China.
- Hong, B., Huang, W. J., Li, E., Chen, J., & Li, L. (2023, April). Ocular tracking abilities in preadolescent children. Poster presented the 2023 Annual Meeting of the General Psychology and Experimental Psychology of the Chinese Psychological Association, Jinhua, Zhejiang, China.
- Huang, W.J., Hong, B., Chen, J., & Li, L. (2024, October). Brain Structural Correlates of Ocular Tracking in Preadolescent Children and Young Adults. Poster presented at the Society for Neuroscience, Chicago, USA.
- Huang, W. J., Hong, B., Wu, J. H., Chen, J., & Li, L. (2023, August). Investigating brain structural correlates of ocular tracking in preadolescent children and young adults. Poster presented at the 5th China Vision Science Conference (CVSC2023), Wenzhou, Zhejiang, China.

Teaching Experience

- **01/2022 - 06/2022**: Teaching Assistant, Perception and the Brain, New York University Shanghai

Academic Skills

- **Data collection:** Psychophysics (MATLAB PsychToolBox), Virtual reality (Vizard, Unity), Eye-tracking (Eyelink, VIVE pro eye), MRI
- **Data analysis:** MATLAB, Python, R, JASP, SPSS
- **Graphics:** MATLAB, Python, R, Adobe Illustrator, Photoshop

Honors

- 2022: Excellence in Research Award (NYU-ECNU Joint Research Institutes)
- 2019: Outstanding Graduates (Nanchang University)
- 2018: Merit Student (Nanchang University)
- 2017: Silver Award of the 4th China "Internet+" Competition (Jiangxi Province)
- 2016: Excellent Student Cadre (Nanchang University)