

# SHENYANG HUANG

## Curriculum Vitae

Email: [Shenyang.Huang@Duke.edu](mailto:Shenyang.Huang@Duke.edu)

Phone: (919) 668-2299

Center for Cognitive Neuroscience

Duke University, Durham, NC 27708

### EDUCATION

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Duke University, Durham, NC	2025 (expected)
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Ph.D. candidate in Psychology and Neuroscience, Cognition & the Brain

Cumulative GPA (up to Spring 2023): 4.00/4.00

Duke University, Durham, NC	2020
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Bachelor of Science with Distinction in Neuroscience

Bachelor of Science in Mathematics

Cumulative GPA: 3.97/4.00

*Summa Cum Laude*

### GRANTS, HONORS, & AWARDS

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Graduate Travel Award sponsored by the Charles Lafitte Foundation	2023
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Conference Travel Award sponsored by the Duke Graduate School	2023
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Graduate Research Grant Award sponsored by the Charles Lafitte Foundation	2021
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Duke Summer Neuroscience Program Fellowship	2019
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Phi Beta Kappa Honor Society – elected as top 1% of junior class	2019
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### PUBLICATIONS

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[5] **Huang, S.**, Howard, C. M., Hovhannisyan, M., Ritchey, M., Cabeza, R., Davis, S. W. (in press). Hippocampal functions modulate transfer-appropriate cortical representations supporting subsequent memory. *Journal of Neuroscience*.

[4] Stanley, M. L., **Huang, S.**, Marsh, E. J., & Kay, A. C. (2023). The Role of Structure-Seeking in Moral Punishment. *Social Justice Research*. <https://doi.org/10.1007/s11211-023-00416-8>

[3] **Huang, S.\***, Faul, L. \*, Sevinc, G., Mwilambwe-Tshilobo, L., Setton, R., Lockrow, A., Ebner, N. C., Turner, G. R., Spreng, R. N., De Brigard, F. (2021). Age Differences in Intuitive Moral Decision-Making: Associations with Inter-Network Neural Connectivity. *Psychology and Aging*, 36(8), 902–916. <https://doi.org/10.1037/pag0000633>

[2] **Huang, S.**, Stanley, M. L., & De Brigard, F. (2020). The phenomenology of remembering our moral transgressions. *Memory & Cognition*, 48(2), 277–286. <https://doi.org/10.3758/s13421-019-01009-0>

[1] Fei, Y., Zhu, D., Sun, Y., Gong, C., **Huang, S.**, & Gong, Z. (2018). Repeated Failure in Reward Pursuit Alters Innate *Drosophila* Larval Behaviors. *Neuroscience Bulletin*, 34(6), 901–911. <https://doi.org/10.1007/s12264-018-0248-0>

Note: \* indicates co-first authorship

## POSTERS & PRESENTATIONS

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- Huang, S.,** Howard, C. M., Hovhannisyan, M., Cabeza, R., Ritchey, M., Davis, S. W. (2023, March). *Hippocampal functions modulate transfer-appropriate cortical representations supporting subsequent memory*. Poster session and Data Blitz accepted for Cognitive Neuroscience Society 2023 Annual Meeting, San Francisco, CA.
- Huang, S.,** Faul, L., Parikh, N., LaBar, K. S., De Brigard, F. (2022, April). *Multivariate neural patterns of counterfactual thinking-induced reconsolidation of autobiographical memory*. Poster session presented at Cognitive Neuroscience Society 2022 Annual Meeting, San Francisco, CA.
- Huang, S.,** Faul, L., Sevinc, G., Mwilambwe-Tshilobo, L., Setton, R., Lockrow, A., Ebner, N. C., Turner, G. R., Spreng, R. N., De Brigard, F. (2021, March). *Inter-Network Neural Connectivity Predicts Differences in Intuitive Moral Decision-Making between Younger and Older Adults*. Poster session and Data Blitz presented at Cognitive Neuroscience Society 2021 Virtual Meeting.
- Huang, S.,** Simmons, C., Krenzer, W., & Farahany, N. (2020, May). *Consumer-Based EEG Devices-Are They Mind-Wandering?* Poster session presented at Cognitive Neuroscience Society 2020 Virtual Meeting.
- Huang, S.,** Stanley, M., & De Brigard, F. (2019, July). *The Phenomenology of Remembering Immoral Actions*. Poster session presented at Duke Undergraduate Research Showcase, Durham, NC.

## TEACHING AND MENTORING

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<i>Introduction to Cognitive Neuroscience</i> , Teaching Assistant	Fall 2023
<i>Current Research in Neuroscience</i> , Teaching Assistant	Spring 2023
<i>Contemporary Neuroscience Methods</i> , Teaching Assistant	Fall 2022
<i>Functional Magnetic Resonance Imaging</i> , led lab session on multivariate pattern analysis (MVPA)	Spring 2022
Cognitive Neuroscience Research Internship, Mentor	2021-
Undergraduate research, Nathaniel Braswell	2021-2022
Duke Institute for Brain Sciences Methods Meetings ( <a href="https://dibsmethodsmeetings.github.io/people/shenyang">https://dibsmethodsmeetings.github.io/people/shenyang</a> ) – led workshops and tutorials	2021-
Bass Connections team <i>Mobile EEG Devices</i> – Graduate team member	2020-2021
Neuroscience Majors' Union – Mentor for first-years and sophomores	2019-2020

## SKILLS

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MATLAB	Markdown
Python	LaTeX
R	Qualtrics Survey Platform
Stan statistical modeling	

## REFERENCES

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**Felipe De Brigard, Ph.D.**  
Fuchsberg-Levine Family Associate Professor of Philosophy  
Duke University  
[felipe.debrigard@duke.edu](mailto:felipe.debrigard@duke.edu)

**Roberto Cabeza, Ph.D.**

Professor of Psychology and Neuroscience

Duke University

[cabeza@duke.edu](mailto:cabeza@duke.edu)

**Simon W. Davis, Ph.D.**

Assistant Professor of Neurology

Duke University

[simon.davis@duke.edu](mailto:simon.davis@duke.edu)