Kathy Shi

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EDUCATION

Yale University — New Haven, CT
Doctor of Philosophy in Psychology — Expected May 2028
Master of Science in Psychology — Expected August 2026
Master of Philosophy in Psychology — Expected August 2026
- Advisor: Robb B. Rutledge
- Area: Neuroscience

Johns Hopkins University — Baltimore, MD
Bachelor of Science — May 2023
- Major: Neuroscience (Honors)
- Honors Thesis: Emotional Modulation of Episodic Memory
- Secondary Major: Cognitive Science (Honors)
- Foci: computational approaches to cognition and linguistics

PUBLICATIONS (* INDICATES CO-AUTHORSHIP)

- **Shi, K. M.**, & Rutledge, R. B. Anhedonia drives sleep disruption and decreased emotional sensitivity in depression (in prep).
- **Shi, K. M.***, Glotzer, G.*, Chander, A., & Rutledge, R. B. Dopamine modulates happiness and choice to musical surprise (in prep).
- **Shi, K. M.**, Heffner, J., & Rutledge, R. B. Goals remap values and not choices (2026). *PsyArXiv.*
- Born, S. J., **Shi, K. M.**, Masson, H. L., Lee, H., Lee, Y., & Chen, J. Word-timestamped transcripts of two spoken narrative recall functional neuroimaging datasets (2023). *Data in Brief*. https://doi.org/10.1016/j.dib.2023.109490
- Golden, T. L., Magsamen, S., Sandu, C. C., Lin, S., Roebuck, G. M., **Shi, K. M.**, & Barrett, F. S. Effects of setting on psychedelic experiences, therapies, and outcomes: A rapid scoping review of the literature (2022). *Disruptive Psychopharmacology*. https://doi.org/10.1007/7854_2021_298

ORAL PRESENTATIONS

- Society for Neuroeconomics: Pasadena, CA
  Goals remap value and not choice — Expected October 2026
- Chun, Nobre, Turk-Browne Cog Neuro lab meeting: Yale University, New Haven, CT
  Relation of physiological state and neural activity in a clinical population — May 9, 2025
- First Year Symposium: Yale University, New Haven, CT
  Is goal-congruent decision-making associated with depression? — September 20, 2024

POSTER PRESENTATIONS

- Computational Psychiatry Conference: Yale University, New Haven, CT
  Decision making and affective dynamics during goal switching — Expected July 2026
- Society for Neuroeconomics: Boston, MA
  Humans remap value when making risky economic decisions under different goals — October 5, 2025
- Computational Psychiatry Conference: Universität Tübingen, Tübingen, DE
  Anxiety increases economic risk taking when switching goals dynamically — July 16, 2025
- Computational Psychiatry Conference: University of Minnesota, Minneapolis, MN
  Depressive symptoms impair goal-congruent choices during risky decision-making — July 18, 2024
- DREAMS Conference: Johns Hopkins University, Baltimore, MD
  Emotional modulation of episodic memory — October 28, 2022
- Omega Psi Undergraduate Conference: Johns Hopkins University, Baltimore, MD
  Emotional modulation of recall from viewing naturalistic stimuli — April 9, 2022

HONORS AND AWARDS

- Yale Wu Tsai Graduate Fellowship ($11,000) — August 2023 - Present
- Wu Tsai Travel Award ($250)
- Dean's List — Fall 2019, Fall 2020, Spring 2021, Fall 2021, Spring 2022, Fall 2022, Spring 2023
- Isaac and Catharine S. Hecht Scholarship for ($15,535) — October 2022

RESEARCH EXPERIENCE

RUTLEDGE LAB — Yale University, New Haven, CT
PI: Robb B. Rutledge — August 2023 - Present

PhD candidate
THE COGNITIVE NEUROSCIENCE OF AFFECT, MEMORIES, AND STRESS (CAMS) LAB Yale University, New Haven, CT
PI: Elizabeth Goldfarb October 2024 - Present
PhD student affiliate

CHEN LAB Johns Hopkins University, Baltimore, MD
PI: Janice Chen September 2020 – May 2023
Research Assistant

CENTER FOR PSYCHEDELIC AND CONSCIOUSNESS RESEARCH Johns Hopkins Bayview Medical Center, Baltimore, MD
PI: Frederick Barrett May 2021 – August 2022
Research Intern

INTERNATIONAL ARTS + MIND LAB Johns Hopkins School of Medicine, Baltimore, MD
PI: Tasha Golden June 2021 – August 2021
Research Intern

BAKKER MEMORY LAB Johns Hopkins School of Medicine, Baltimore, MD
PI: Arnold Bakker May 2022 – May 2023
Research Assistant

TEACHING EXPERIENCE

TEACHING FELLOW AND GUEST LECTURER Yale University, New Haven, CT
Social Neuroscience January 2026 – May 2026
Introduction to Cognitive Science August 2024 – December 2024

TEACHING FELLOW Yale University, New Haven, CT
The Human Brain August 2025 – December 2025
Computational Methods of Decision-Making January 2025 – May 2025

TEACHING ASSISTANT Johns Hopkins University, Baltimore, MD
Introduction to Cognitive Neuropsychology August 2022 – December 2022
Cognitive Neuropsychology of Visual Perception January 2022 – May 2022

LEARNING DEN Johns Hopkins University, Baltimore, MD
Personal Tutor March 2020 – May 2023

PILOT Johns Hopkins University, Baltimore, MD
Peer-Led-Team Learning Leader August 2021 – May 2023

SERVICE AND LEADERSHIP

PSYCHOLOGY DEPARTMENT CURRENT WORKS Yale University, New Haven, CT
Neuroscience area organizer August 2024 – May 2025

PSYCHOLOGY DEPARTMENT DIVERSITY, EQUITY, AND INCLUSION COMMITTEE Yale University, New Haven, CT
Co-chair July 2024 - Present
Committee to merge Yale Psychology faculty and trainee inclusion initiatives member August 2025 - Present
Diversity, Equity, and Inclusion Colloquium co-organizer September 2024 - Present
Sneak Peek for underrepresented populations in science co-organizer July 2024 - Present
Alumni Panel co-organizer January 2025 - Present
Graduate school application bootcamp co-organizer July 2024 - Present
Yale Psychology social events co-organizer August 2024 - Present

PSYCHOLOGY DEPARTMENT INTERVIEW DAY COMMITTEE Yale University, New Haven, CT
Neuroscience area organizer January 2024 – February 2024

WU TSAI INSTITUTE STUDENT, POSTBAC, AND POSTDOC COLLECTIVE Yale University, New Haven, CT
Member August 2023 – Present
Professional development committee co-chair October 2025 - Present

NU RHO PSI: UNDERGRADUATE NEUROSCIENCE HONORS SOCIETY Johns Hopkins University, Baltimore, MD
Treasurer and Mentor September 2020 – May 2023

OMEGA PSI: UNDERGRADUATE COGNITIVE SCIENCE HONORS SOCIETY Johns Hopkins University, Baltimore, MD
Treasurer and Mentor September 2020 – May 2023

THREAD Baltimore, MD
Head of Family February 2020 - October 2021

MENTORING

SNEAK PEEK Yale University, New Haven, CT
Leyla Solakoglu
Ziyu Song

UNDERGRADUATE RESEARCH ASSISTANT Yale University, New Haven, CT
Yuki Sugita
Ruoyu Zhou

STUDY CONSULTING Johns Hopkins University, Baltimore, MD
Consultant August 2021 – December 2021

AD HOC REVIEW (* INDICATES CO-REVIEWER)

Emotion*