

Sanghoon Kang

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Education

YALE UNIVERSITY

Ph.D. in Cognitive Psychology (ongoing)
Advisor: Dr. Samuel McDougale

New Haven, CT
Sept 2023-

SEOUL NATIONAL UNIVERSITY

Summa Cum Laude
B.A. Major in Psychology, Combined Minor in Brain-Mind-Behavior

Seoul, Republic of Korea
Mar 2014-Feb 2021
(Military service 2016-2018)

Presentations

- Kang, S.**, Larrabee, G., Goldfarb, E.V. Generalization of alcohol-related reward and loss to visually similar cues differ between light and heavy drinkers. Poster presented at *Society of Neuroscience 2022*. 2022 Nov: San Diego, CA.
- Kang, S.**, Larrabee, G., Goldfarb, E.V. Generalization of alcohol-related reward and loss to visually similar cues differ between light and heavy drinkers. Poster presented at *Yale Postgraduate Associate (YPGA) Seminar, 2022*. 2022 Nov: New Haven, CT.
- Kang, S.**, Larrabee, G., Goldfarb, E.V. Drinking History Modulates Perceptual Generalization of Alcohol-Related Reward and Loss. Poster presented at *Yale Neuroday 2022*. 2022 Aug: New Haven, CT.

Publications

- Kang, S.**, Larrabee, G., Nair, S., & Goldfarb, E.V. (accepted at *Psychological Science*) Perceptual generalization of alcohol-related value characterizes risky drinkers. [[link to pre-registration](#)]
- Lee, J.-H., **Kang, S.**, Maier, S., Lee, S., Goldfarb, E. V., & Ahn, W. -Y. (accepted at *Nicotine & Tobacco Research*) Acute stress enhances memory and preference for smoking-related associations in smokers.
- Im, J. J., Na, S., **Kang, S.**, Jeong, H., Lee, E. S., Lee, T. K., Ahn, W. Y., Chung, Y. A., & Song, I. U. (2022). A Randomized, Double-Blind, Sham-Controlled Trial of Transcranial Direct Current Stimulation for the Treatment of Persistent Postural-Perceptual Dizziness (PPPD). *Frontiers in Neurology*, 13, 868976.

Grants & Honors

- | | |
|---|----------------|
| KFAS Doctorate Study Abroad Scholarship | 2023 – Present |
| Outstanding Graduate Thesis Student Research Support, Seoul National University | 2020 |
| Social Sciences Research Grant for Undergraduates, Seoul National University | 2019 - 2020 |
| KOSAF Humanities 100-year Scholarship | 2014 – 2020 |

Research Experience

COGNITIVE NEUROSCIENCE OF AFFECT, MEMORIES, AND STRESS (CAMS) LAB, Yale University

New Haven, CT

Postgraduate Associate/Lab Manager; Advisor: Dr. Elizabeth Goldfarb

2021 – 2023

(Lab Manager: 2022 - 2023)

1. Created and ran online paradigm to measure the precision of memory for conditioned associations in risky drinkers (first-author paper accepted at *Psychological Science*)
2. Developed a task to assess probabilistic classification learning in substance users
3. Developed standard operating procedure, recruited and enrolled participants, and collected neuroimaging data investigating neural mechanisms supporting habitual and episodic memories and how they contribute to real-world behavior
4. Lab management (managed lab finances, petty cash, organized lab meetings)
5. Mentorship
 - a. Mentored student through WTI Summer Scholars program (Summer 2022); evaluated candidates (2023)

COMPUTATIONAL CLINICAL SCIENCE LAB (CCSL), Seoul National University

Seoul, Republic of Korea

Research Assistant; Advisor: Dr. Woo-Young Ahn

2019 – 2021

1. Independent research (“*Preventing recovery of context-dependent reward memory with reconsolidation interference and stress manipulation.*”)
 - a. Partly funded by the ‘Outstanding Graduate Thesis Student Research Support’ program.
2. Implemented the Reinforcement Learning/Drift Diffusion Model (RLDDM) in hBayesDM [[link to blog post](#)]
3. Conceptualized experiment regarding acute stress-induced memory bias that leads to preference for smoking-related places (second-author paper accepted at *Nicotine & Tobacco Research*)
4. Data analysis for a single-photon emission computerized tomography (SPECT) study regarding the effect of transcranial direct current stimulation (tDCS) effect on persistent postural-perceptual dizziness (PPPD) (third-author paper published in *Frontiers in Neurology*)

INDEPENDENT RESEARCH COURSE, Seoul National University

Seoul, Republic of Korea

Student; Advisor: Dr. Jooyong Park

2019 – 2020

Title: “*The effect of episodic simulation on moral judgment: Focusing on time orientation*”

- Funded by the ‘Social Sciences Research Grant for Undergraduates’

CLINICAL NEUROSCIENCE LAB, Seoul National University

Seoul, Republic of Korea

Research Assistant; Advisor: Dr. Jeanyung Chey

2018 – 2019

Skills

Programming

- R; Rstan; Python; MATLAB

Languages

- Native Korean; Fluent English