

# Jihyun K. Hur

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## EDUCATION

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### Yale University

Ph.D. Student in Psychology

New Haven, CT

Sep. 2023 - Present

- Advisors: Dr. Jutta Joormann & Dr. Robb B. Rutledge
- Area of Study: Clinical Psychology

### Seoul National University

M.A. in Psychology

Seoul, Korea

Sep. 2019 - Aug. 2021

- Advisor: Dr. Woo-Young Ahn
- Area of Study: Clinical Psychology (GPA: 4.30/4.30)
- Master's Thesis: Investigating the Effect of Anxiety on Model-Based Reinforcement Learning in Reward and Punishment Conditions: a Computational Modeling Study

### Washington University in St. Louis

B.S. in Business Administration

St. Louis, MO

Aug. 2015 - May 2018

- Graduation with Honors in Management
- Area of Study: Accounting (GPA: 3.83/4.00)
- Honors Thesis: Follow the Money: Analyzing Crime Statistics Based on Income, Race and Age at the Census Tract Level

## HONORS & AWARDS

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2023	<b>ILJU Academy and Culture Foundation Fellowship (\$120,000)</b>	Seoul, Korea
2020	<b>Seoul National University Graduate Research Grant in Social Sciences (\$2,530)</b>	Seoul, Korea
2020	<b>Scholarship for Summer 2020 Study Abroad Program (Harvard Summer School) (\$3,200)</b>	Seoul, Korea
2018	<b>Graduation with Honors (Honors in Management)</b>	St. Louis, MO

## PUBLICATIONS

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- [1] **Hur, J. K.**, Heffner, J., Feng, G. W., Joormann, J., & Rutledge, R. B. (in press). Language Sentiment Predicts Changes in Depressive Symptoms. *Proceedings of the National Academy of Sciences of the United States of America*
- [2] Kwon, M., Kim, H., Yang, J., Lee, Y., **Hur, J. K.**, Lee, T., & Ahn, W.-Y. (2024). Caffeinated Soda Intake in Children Is Associated with Neurobehavioral Risk Factors for Substance Misuse. *Substance Use & Misuse*, 59(1), 79-89.
- [3] Kim, H., **Hur, J. K.**, Kwon, M., Kim, S., Zoh, Y., & Ahn, W.-Y. (2023). Causal Role of the Dorsolateral Prefrontal Cortex in Modulating the Balance Between Pavlovian and Instrumental Systems in the Punishment Domain. *PLoS ONE*, 18(6), e0286632.
- [4] Kao, C. H., Feng, G. W., **Hur, J. K.**, Jarvis, H., & Rutledge, R. B. (2023). Computational Models of Subjective Feelings in Psychiatry. *Neuroscience & Biobehavioral Reviews*, 19(145), 105008.
- [5] **Hur, J. K.**, Yang, J., Doh, H., & Ahn, W.-Y. (2020). Mapping fNIRS to fMRI with Neural Data Augmentation and Machine Learning Models. *NeurIPS 2020 BabyMind Workshop*.

## ORAL PRESENTATIONS

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- [1] **Hur, J. K.**, Heffner, J., Feng, G. W., Joormann, J., & Rutledge, R. B. (2024). Language Sentiment Predicts Changes in Depressive Symptoms. *Flash Talk Presented at the Society for Affective Science, New Orleans*.
- [2] **Hur, J. K.**, Heffner, J., Feng, G. W., Joormann, J., & Rutledge, R. B. (2023). The Sentiment of Language Explains Current and Future Affective Experiences. *Talk Presented at the Computational Clinical Science Lab Meeting at Seoul National University, Seoul*.

## SELECTED POSTER PRESENTATIONS

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- [1] **Hur, J. K.**, Shi, K. M., Lee, H., Rutledge, R. B., & Joormann, J. (2024). Depression is Associated with Changes in Recall Patterns of Naturalistic Events. *Poster Accepted to the Society of Research in Psychopathology Conference, Montreal.*
- [2] **Hur, J. K.**\*, Everaert, J.\*., & Joormann, J. (2024). Positive News Headlines and Less Information-Seeking Reduce Daily Anxiety during a Global Pandemic. *Poster Accepted to the Association for Behavioral and Cognitive Therapies (ABCT) Conference, Philadelphia.* \*shared first authorship.
- [3] **Hur, J. K.**, Heffner, J., Feng, G. W., Joormann, J., & Rutledge, R. B. (2023). The Sentiment of Language Explains Current and Future Affective Experiences. *Poster Presented at the Computational Psychiatry Conference, Dublin.*
- [4] **Hur, J. K.**, Joormann, J., & Rutledge, R. B. (2022). Linguistic Markers of Momentary Mood Dynamics During Risky Decision-Making. *Poster Presented at the Society for NeuroEconomics, Arlington.*
- [5] **Hur, J. K.**, Joormann, J., & Rutledge, R. B. (2022). Linguistic Markers of Momentary Mood Dynamics During Risky Decision-Making. *Poster Presented at the Computational Psychiatry Course, New York.*
- [6] **Hur, J. K.** & Ahn, W.-Y. (2021). Elevated Anxiety Disturbs Model-Based Decision-Making under Monetary Loss. *Poster Presented at the Virtual Meeting of the Society of Biological Psychiatry, San Diego.*
- [7] Kwon, M., Kim, H., Yang, J., **Hur, J. K.**, Lee, T., & Ahn, W.-Y. (2019). Identifying Behavioral and Neural Predictors of Caffeinated Soda Intake in Childhood Using a Large Database from the ABCD Study. *Poster Presented at the Society for Neuroscience, Chicago.*

## RESEARCH EXPERIENCES

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### Rutledge Laboratory

Research Technician

Yale University

Aug. 2021 - Aug. 2023

- PI: Dr. Robb B. Rutledge
- Manage a large-scale smartphone-based project funded by National Institute of Mental Health (R01 grant)
- Coordinate class logistics for Computational Modeling of Human Behavior course (Fall 2021)

### Computational Clinical Science Laboratory

Research Assistant

Seoul National University

Jan. 2019 - Aug. 2019

- PI: Dr. Woo-Young Ahn
- Accepted into Adolescent Brain Cognitive Development (ABCD) workshop held in Portland, OR, and led a hackathon project
- Wrote sharable Python codes for automating download of ABCD study raw and minimally preprocessed neuroimaging data

## CLINICAL EXPERIENCES

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### Yale Psychology Department Clinic

Practicum Student (Supervisor: Dr. Mary O'Brien)

Yale University

Jan. 2024 - Present

- Conduct SCID-5 diagnostic interviews and clinical intakes with adult clients
- Conduct individual therapy sessions using CBT and MI techniques and participate in weekly supervision sessions

### Center for Student Life and Culture

Counselor (Team Leader)

Seoul National University

Jan. 2021 - Aug. 2021

- Organized intake interview schedule and conducted 2 intake interviews and 3 individual counseling sessions per week
- Administered psychometric tests and provided a comprehensive interpretation of test results to clients

### Counseling and Welfare Center for Youth

Counselor

Seoul, Korea

Mar. 2020 - Jul. 2020

- Conducted 8 intake interviews with adolescents to understand their chief complaints and assign proper counselors
- Provided 4 one-time counseling sessions over telephone using problem-solving therapy

## TEACHING

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### Yale University

Teaching Fellow

*The Criminal Mind*

New Haven, CT

Aug. 2024 - Present

**Seoul National University**

Teaching Assistant

Seoul, Korea

Aug. 2020 - Dec. 2020

*Advanced Data Analysis for Brain and Cognitive Sciences: Data Collection and Statistical Analysis for Functional MRI***Washington University in St. Louis**

Teaching Assistant

St. Louis, MO

Jan. 2016 - Dec. 2016

*Managerial Statistics***SERVICES & LEADERSHIPS**

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**Graduate Student Assembly Departmental Representative**

2024 - Present

- Departmental representative supporting graduate student life at Yale University

**Academic Panelist**

2023 - Present

- Clinical panel for Yale Sneak Peek Program
- International fellowships panel for NextGen Psych Scholars Program

**Ad-Hoc Reviewer**

2021 - Present

- American Journal of Psychiatry (with advisor), British Journal of Psychiatry (with advisor), Computational Psychiatry (with advisor), PLOS Computational Biology (with advisor)

**MENTORSHIP**

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**NextGen Psych Scholars Program**

2023 - Present

- Cai Liu (Ph.D. student at the University of Virginia)
- Fazli Salim (Ph.D. student at Boston College)

**Undergraduate Thesis Mentoring**

2023 - Present

- Jessica Liu (Yale University)