

Jihyun Hur

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EDUCATION

Seoul National University

Seoul, Korea

M.A. in Psychology

Aug. 2019 - Present

- Advisor: Dr. Woo-Young Ahn
- Area of Study: Clinical Psychology (GPA: 4.30/4.30)
- Master's Thesis (*in prep*): Elevated State Anxiety Disturbs Model-Based Decision-Making under Monetary Loss

Washington University in St. Louis

St. Louis, MO

B.S. in Business Administration

Aug. 2015 - May 2018

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

RESEARCH EXPERIENCE

Computational Clinical Science Laboratory

Seoul National University

Research Assistant

Jan. 2019 - Aug. 2019

- PI: Dr. Woo-Young Ahn
- Implemented reinforcement learning drift diffusion models in RStan and successfully replicated Millner et al. (2019) results using hierarchical Bayesian analysis
- Wrote sharable Python codes for automating download of ABCD study raw and minimally preprocessed neuroimaging data

CLINICAL EXPERIENCE

Center for Student Life and Culture

Seoul National University

Counselor (Group Leader)

Jan. 2021 - Present

- Manage intake interview schedule and conduct 2 intake interviews and 1 individual counseling session per week
- Administer psychometric tests and provide a comprehensive interpretation of test results to clients

Counseling and Welfare Center for Youth

Seoul, Korea

Counselor (Volunteer)

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

PUBLICATIONS

Hur, J., Yang, J., Doh, H., & Ahn, W.-Y. (2020). Mapping fNIRS to fMRI with Neural Data Augmentation and Machine Learning Models. *NeurIPS 2020 BabyMind Workshop*.

CONFERENCE PRESENTATIONS

Hur, J. & Ahn, W.-Y. (Upcoming). Elevated State Anxiety Disturbs Model-Based Decision-Making under Monetary Loss. *Accepted for Poster Presentation at the Annual Meeting of the Society of Biological Psychiatry, San Diego*.

Kwon, M., Kim, H., Yang, J., **Hur, J.**, 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 Annual Meeting of the Society for Neuroscience, Chicago*.

HONORS & AWARDS

2020	Seoul National University Graduate Research Grant in Social Sciences (\$2,530)	Seoul, Korea
2020	Scholarship for Summer 2020 Study Abroad Program (Harvard Summer School) (\$3,200)	Seoul, Korea
2018	Graduation with Honors (Honors in Management)	St. Louis, MO

TEACHING

Seoul National University

Seoul, Korea

Teaching Assistant

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

St. Louis, MO

Teaching Assistant

Jan. 2017 - Dec. 2017

Managerial Statistics

ACADEMIC SERVICES

Manuscript Review

- The American Journal of Psychiatry (with advisor)
- Computational Psychiatry (with advisor)

RESEARCH INTERESTS

Suicide, Decision-making; Self-control; Mood disorders; Computational psychiatry; Computational modeling; Translational neuroscience; Biomarkers; Reinforcement learning; Machine learning

SKILLS

Programming Python (PsychoPy, NumPy, Pandas, Matplotlib, Scikit-Learn), R, Matlab, Stan, LaTeX

Neuroimaging SPM12, FSL, FreeSurfer, SPM-fNIRS, HOMER2

REFERENCES

Professor Woo-Young Ahn

Department of Psychology, Seoul National University

- Email: wahn55@snu.ac.kr

Professor Bernardo S. da Silveira

Department of Economics, University of California, Los Angeles

- Email: silveira@econ.ucla.edu

Director Kangyoon Lee

Professional Practice Group, Assurance Division, Ernst & Young Korea

- Email: kangyoon.lee@kr.ey.com