

Jihyun Hur

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Education

Seoul National University

M.A. IN PSYCHOLOGY

Seoul, Korea

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

B.S. IN BUSINESS ADMINISTRATION

St. Louis, MO

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

Skills

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

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

Research Experience

Computational Clinical Science Laboratory

Seoul National University

RESEARCH ASSISTANT

Jan. 2019 - Aug. 2019

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

Clinical Experience

Center for Student Life and Culture

Seoul National University

CLINICAL TRAINING PARTICIPANT

Jan. 2021 - Present

- Conduct 2 clinical intake interviews and 1 individual counseling session per week on average
- Administer psychometric tests (e.g., MMPI-2 and K-WAIS-IV) and provide a comprehensive interpretation of the test results to clients

Counseling and Welfare Center for Youth

Seoul, Korea

INTAKE INTERVIEWER & TELEPHONE COUNSELOR (VOLUNTEER)

Mar. 2019 - Jul. 2019

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

Professional Experience

Ernst & Young Korea

Seoul, Korea

ASSURANCE TEAM SPRING INTERN

Feb. 2017 - Apr. 2017

- Reviewed 15 financial statements of companies and performed quality assurance service to identify significant misstatements
- Developed reviewing procedures for incoming assurance staffs to provide standardized guidelines of financial statements review

Peer-Reviewed 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 (Virtual)*.

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	SNU 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

TEACHING ASSISTANT

Advanced Data Analysis for Brain and Cognitive Sciences: Data Collection and Statistical Analysis for Functional MRI

Seoul, Korea

Aug. 2020 - Dec. 2020

Washington University in St. Louis

TEACHING ASSISTANT

Managerial Statistics

St. Louis, MO

Jan. 2017 - Dec. 2017

Academic Services

Manuscript Review

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

Research Interests

Decision-making; Self-control; Mood disorders; Emotion; Computational psychiatry; Computational modeling; Affective neuroscience; Biomarkers; Reinforcement learning; Machine learning