YOUNGHOON KIM

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EDUCATION

KAIST March 2026 - Present
Ph.D. Candidate in Brain and Cognitive Science *Daejeon, South Korea*
· Principal Investigator: Sang Wan Lee

Seoul National University College of Medicine March 2017 - Feb 2021
M.D. (Doctor of Medicine) *Seoul, South Korea*
· Overall GPA: 3.71/4.3 (Cum Laude)

KAIST March 2013 - Feb 2017
B.S. in Bio and Brain Engineering *Daejeon, South Korea*
· Overall GPA: 4.20/4.3 (Summa Cum Laude)
· Dean's List (1st place in the deparment)

CLINICAL EXPERIENCE

Seoul National University Hospital March 2022 - Feb 2026
Residency, Department of Psychiatry *Seoul, South Korea*
· Cheif Resident (Dec 2024 - Feb 2025)

Seoul National University Hospital March 2021 - Feb 2022
Medical Intern *Seoul, South Korea*

LICENSURE AND CERTIFICATION

Board Certified Psychiatrist 2026
Korean Ministry of Health and Welfare

Medical License 2021
Korean Ministry of Health and Welfare

ADVANCED CLINICAL TRAINING

Psychoanalytic Psychotherapy for Residents March 2024 – Feb 2025
Korean Psychoanalytic Society (KPS)
· Completed training in foundational psychoanalytic psychotherapy approaches tailored for psychiatric residents, focusing on clinical applications and case conceptualization.

Advanced Treatment Program for Anxiety Disorders June 2022 – Dec 2022
Korean Academy of Anxiety Disorders
· Completed a structured program focused on in-depth treatment approaches for anxiety disorders.

AWARDS AND HONORS

KAIST Graduation Ceremony 2017
Prize by the President of the General Alumni Association (4th place among all undergraduates)

18th Samsung Human-Tech Paper Award 2012
Silver Award, among 1,462 applicants *$5000 Prize, $2000*8/semester scholarship*

FELLOWSHIPS AND SCHOLARSHIPS

Outstanding Resident Visitng Scholarship Program 2025
Seoul National University Hospital ₩10,000,000 (≈ $6900) Scholarship
· Competitively selected for prestigious visiting research fellowship recognizing exceptional clinical and research performance among psychiatric residents at Seoul National University Hospital
· Visiting Scholar at Marcelo Mattar's Computational Neuroscience Laboratory, New York University

PUBLICATIONS

[1] Y. H. Kim, J. Jang, N. Kang, J. H. Jeong, J. Kim, Y. M. Ahn, Y. S. Kim, S. H. Kim. "Revealing differential psychotic symptoms in schizophrenia and bipolar I disorder by manifold learning and network analyses". *Translational Psychiatry* 15.1 (2025), pp. 1–10.

[2] K. S. Lee, T. Lee, M. Kim, E. Ignatova, H.-J. Ban, M. K. Sung, Y. H. Kim, Y. J. Kim, J. H. Han, J. K. Choi. "Shared rare genetic variants in multiplex autism families suggest a social memory gene under selection". *Scientific Reports* 15.1 (2025), p. 696.

[3] Y. C. Lyoo, S. Park, S. Ju, K. S. Shin, J. Hwang, S. Yoon, J. Kim, H. B. Cho, Y. H. Kim, J. H. Kim. "A performance comparison between the two language versions of the Affective Go/No-Go test: A randomised crossover study". *International Journal of Psychology* 53 (2018), pp. 81–88.

CONFERENCES

[1] Y. H. Kim, H. Joo, S. W. Lee. "Optimal Markov decision tasks for simulating human reinforcement learning". *Reinforcement Learning and Decision Making (RLDM)*. Poster Presentation. 2025.

[2] S. Y. Heo, Y. H. Kim, Y. D. Sung, E. Kang, S. W. Lee. "Impaired reinforcement learning signal representation in depression". *SfN (Society for Neuroscience)*. Poster Presentation. 2018.

RESEARCH EXPERIENCE

KAIST Brain & Machine Intelligence Lab Dec 2017 - Dec 2025
Internship *Daejeon, South Korea*

Seoul National University Radiology Physics Lab Oct 2018 - Dec 2018
Student Intern *Seoul, South Korea*

KAIST OMICS Lab June 2015 - Jan 2017
Student Intern *Daejeon, South Korea*

Massachusetts General Hospital Bouma's Lab June 2016 - Aug 2016
HST-MGH Internship *Boston, USA*

Ewha Brain Institute Jan 2014 - Feb 2016
Student Intern *Seoul, South Korea*

TECHNICAL SKILLS

Languages	Python, R, MATLAB
Tools	PyTorch