

Introducing myself

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Who I Am (as a researcher)

I am a PhD student in the CCS Lab at Seoul national university, majoring in clinical psychology. I also completed both my bachelor's and master's degrees in psychology, with a focus on clinical psychology.

My research broadly centers on **reinforcement learning and decision making** in humans. In particular, I use computational modeling and model-based fMRI to investigate how neurocognitive dysfunctions manifest in clinical symptoms, including addiction.

Ultimately, I aim to translate these scientific insights into more effective and personalized treatments. To this end, I am currently exploring various **brain stimulation and training** techniques—such as transcranial magnetic stimulation (TMS), transcranial direct current stimulation (tDCS), transcranial ultrasound stimulation (TUS), temporal interference stimulation (TI), and neurofeedback—and brainstorming ways to integrate these with my expertise in cognitive modeling.

A bit more about me...

Outside of research, I enjoy digging for good music, collecting and listening to vinyl records, and playing the piano. Music recommendations are always welcome.



Here are a couple of my recent picks: “Radio” by Oscar Welsh (on the left), and “About You” by The 1975 (on the right — the live album version is especially recommended).