



## Sa Zhou

Postdoctoral Scholar, Psychiatry

### Bio

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#### BIO

Sa Zhou completed her Ph.D. in Biomedical Engineering at The Hong Kong Polytechnic University, under the supervision of Dr. Xiaoling Hu and Prof. Yongping Zheng. Her Ph.D. research focused on quantitative evaluation and targeted therapeutics for sensory-motor rehabilitation in stroke patients. She developed strong interests in developing closed-loop brain-computer interface (BCI)-driven neuromodulation and robotic systems, designing neuro-behavioral measurements, and understanding functional connectivity in brain networks based on multimodal neurophysiological signals. At Stanford, Sa will contribute her interdisciplinary expertise to the field of cognitive enhancement to prevent cognitive decline and brain aging in the elderly at risk for Alzheimer's disease (AD) or AD related dementia (AD/ADRD). Outside of the lab, you can find Sa engaging in strength training deadlifting/squatting/running in the gym to enhance her own sensory/motor/cognitive functions.

#### PROFESSIONAL EDUCATION

- Doctor of Philosophy, Hong Kong Polytechnic University (2023)
- PhD, The Hong Kong Polytechnic University , Biomedical Engineering (2023)

#### STANFORD ADVISORS

- Feng Lin, Postdoctoral Research Mentor
- Bruce Arnow, Postdoctoral Faculty Sponsor