Recruitment at Liu Lab

I am Cuizhen Liu, a fresh staff in the Department of Psychology at Shaanxi Normal University. My research lies primarily in the area of expectation-induced psychology changes. Specifically, I focus on understanding neurocognitive mechanisms of expectation-modulated economic decision-making and metacognition as well as pain perception, by employing multimodal approaches including behavioral experiments, functional neuroimaging, computational modeling, and also pharmacological manipulation (e.g., Oxytocin).

Of particular interest, my future research will aim at exploring the neural mechanisms of decision-making and metacognition in psychiatric populations (computational psychiatry). My career goal is to translate research findings to clinical practice, to benefit people with mental disorders that are characteristic of poor mental abilities.

I am looking for undergraduates, graduates, or interns to work on a range of research projects in my lab. Some of the research questions I am currently investigating are:

1. Prediction biases perceptual decision and introspective judgment
2. Understanding neural mechanisms of prediction-biased decisions
3. The neural representation of metacognitive deliberation during preference judgments
4. Understanding interpersonal trust across mental disorders
5. Pharmacological modulation of placebo and nocebo effects
6. Empathy and pain perception in patients with chronic pain

Students with strong motivation to conduct research in areas of social neuroscience, decision-making, and psychiatry are highly welcomed. Depending on specific projects, you can get first-hand guidance in behavioral experiment testing, fMRI data analysis, and academic writing.

To inquire, please feel free to email me at liucuizhen28@gmail.com with your CV.

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References

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