

Grant Scholarship Ph.D. Student Recruitment

We are looking for a motivated and talented scholar who wants to pursue a Ph.D. within the areas of **Youth Affective Neuroscience**.

This individual will work within the NTU Start-Up Grant "Behavioural and Neural Mechanisms Underlying Morphed Sad-Happy Face Emotion Perception: Exploring Gender differences and Implications for Depression in Singaporean Youth" with the Principal Investigator Assistant Professor **Luo Lizhu** at Nanyang Technological University (NTU), Singapore. This project aims to understand the behavioural and neural mechanisms underlying emotional face processing among Singaporean youth. Specifically, it focuses on their reactions to morphed sad-happy faces, examining gender differences and their potential correlations with depressive symptoms.

The successful candidate will be involved in behavioral and functional Magnetic Resonance Imaging (fMRI) studies, which will include designing experiments, collecting and analyzing data, writing papers for publication, and presenting findings at academic conferences.

Pre-requisites:

- A good Master's / 2nd Class Upper Honours Bachelor's Degree in Psychology, Neuroscience, Biomedical Engineering, or a related field.
- Excellent written and spoken command of English (IELTS: 7.0 Overall Score).
- GRE test scores (Minimum 319 for the verbal and quantitative sections, 3.5 for the analytical section. GRE is not required from NTU or NUS graduates.)
- Well-written research proposal and relevant research experience or research achievements preferred.
- Proficient in designing and analyzing human psychology experiments, with expertise in SPSS/Jamovi, E-Prime, and related software.
- Programming and/or computational data analysis skills, capable of using at least one of the following: Matlab, R, Python, etc.
- Preference for candidates with experience in resting-state and task-related fMRI data collection and analysis or working in mental health institutions.
- Highly efficient and self-motivated; A good team player with strong interpersonal and communication skills.
- Excellent project management and multi-tasking skills.

Location of the programme:

The candidate will be part of a vibrant pool of graduate students in the Psychology at NTU's School of Social Sciences. Click [here](#) for more details. Located in the heart of South-East Asia, Singapore is an ultra-modern city-state offering impeccable infrastructure, superb food and celebrated multiculturalism. The climate is warm year-round. Nanyang Technological University, located at the west of the island, was ranked 26th in the QS World University Rankings 2024. It is also one of the top universities in Asia based on global rankings by subjects.

This Ph.D. position is funded full-time for a period of 4 years (tuition fees and stipends inclusive). Both Singaporean and international candidates are eligible to apply.

Interested candidates are requested to apply for admissions for the January/August 2025 intake for which applications open from 1 June to 15 July (for January intake) and 1 October to 15 November (for August intake).

Shortlisted candidates will be invited for interviews (via online) and the successful candidate will be expected to enroll in the Ph.D. programme for the respective intake.

Please email your CV to: lizhu.luo@ntu.edu.sg.