

Grant Scholarship MA Student Recruitment

We are looking for a motivated and talented scholar to pursue a **MA in Psychology (Developmental Psychology)**.

This individual will contribute to the ASTAR-funded “**Sociometric Play-based Remediation of Individual Neurodevelopmental Trajectories (SPRINT)**” project, led by PI Prof. Victoria Leong at Nanyang Technological University (NTU), Singapore (<https://www.ntu.edu.sg/empower/about-us>). This project aims to create a home-based, play-driven intervention using AI and smart toys to support early cognitive development in high-risk infants, guide parents in real time, inform scalable early-intervention policies,

The successful candidate will participate in social neuroscience research with infants and parents, including dyadic EEG acquisition and analysis, with families from diverse backgrounds, and will also contribute to interdisciplinary work such as program evaluation and policy translation.

Pre-requisites:

- A 1st or 2nd Class Upper Honours Bachelor’s degree in Neuroscience, Psychology, Biomedical Engineering, Public Administration, Public Policy, or a related field.
- Experience in EEG acquisition and analysis (preferred)
- Skills in computational programming (preferred)
- Experience in conducting psychological research with children (desirable)
- Experience in human-subjects data collection and analysis (e.g., interviewing and coding transcripts) (preferred)
- Excellent written and spoken command of English (IELTS: 7)
- GRE test scores if did not graduate from a Psychology programme at Autonomous Universities in Singapore
- Excellent project management and organisational skills
- Excellent social and teamwork skills

About the Project:

The Sociometric Play-based Remediation of Individual Neurodevelopmental Trajectories (SPRINT) project aims to develop a home-based, play-driven personalized intervention to enhance early cognitive development in infants identified by AI screening as high neurocognitive risk. Using AI-powered sociometric profiling and instrumented toys, it tailors interventions to parent-child interaction patterns across social, sensorimotor, and neurophysiological domains. The proof-of-concept study will assess feasibility for infants at risk of ASD, ADHD, or developmental delays. By empowering parents with real-time feedback and personalized guidance, SPRINT seeks to promote healthy neurodevelopment, reduce reliance on clinical services, and inform health-economic and policy frameworks for scalable, early interventions improving lifelong wellbeing. The Research Scholar will gain experience by working on several major aspects of the project.

Location of the programme:

The candidate will be part of a vibrant pool of graduate students in the Psychology programme

School of Social Sciences

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at NTU's Early Mental Potential & Wellbeing Research (EMPOWER) Centre. 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, is the fastest-rising university in the world's Top 50 and ranked 13th globally. NTU is also placed 1st amongst the world's best young universities.

This MA position is funded full-time from August 2026 for a period of two years (fees and stipend included). Both Singaporean and international candidates are eligible to apply.

Interested candidates are requested to apply by sending an email to Prof. Victoria Leong (victorialeong@ntu.edu.sg) (with their CV [Email Subject: **MA Scholarship Application**]). Application for the Aug 2026 intake starts from **1 Nov 2025** and closes on **15 Dec 2025**.

Shortlisted applicants will be invited for interviews and the successful applicant will be expected to enroll in the Psychology MA programme in Aug 2026.

Please direct all research related queries pertaining to the research to: victorialeong@ntu.edu.sg

Application and other technical enquiries should be directed to EMPOWER-
Enquiries@ntu.edu.sg.