

An Shu Te

RESEARCH ASSISTANT AT CLINICAL BRAIN LAB

Nanyang Technological University, Singapore

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Biography

My research interests lie in emotion regulation, particularly in investigating its association with interoception and personality traits. I am also interested in investigating the mechanistic underpinnings of psychotic and mood disorders, as well as the role of parental passive-aggression on children's externalizing and internalizing behaviours.

Research Experience

Clinical Brain Lab

Nanyang Technological University

RESEARCH ASSISTANT

10-2021, Present

- Develop and conduct online cognitive behavioural tasks and surveys (using jsPsych etc.)
- Perform EEG, physiological and behavioural data collection, preprocessing and data analysis
- Coordinate data collection and cognitive training sessions.
- Assist in the preparation and writing of progress reports, scientific presentations, manuscripts, abstracts and publications
- Manage and maintain project records.
- Coordinate project meetings and facilitate communication among project personnel
- Develop and maintain project operational procedures, training materials and documents
- Train and mentor other research assistants and student assistants

Singapore Management University

Singapore Management University

RESEARCH ASSISTANT

05-2021, 10-2021

- Recruit subjects on and off campus
- Develop and conduct surveys and cognitive behavioural tasks
- Summarize research findings and preprocess data
- Assisting in the preparation and writing of progress reports, scientific presentations, abstracts, manuscripts and publications
- Train and mentor other research assistants and student assistants

Teaching Experience

Clinical Brain Lab

Nanyang Technological University

RESEARCH ASSISTANT

08-2022, 08-2022

- Conducted an "Intro to Github" workshop

Fernvale Garden School

Movement for the Intellectually

Disabled

SPECIAL EDUCATION TEACHER

08-2020, 05-2021

- Taught students (7 - 18 year olds) with moderate to severe neurodevelopmental and behavioural disorders a range of subjects (English, Math etc.) as well as basic living skills
- Teach students different coping mechanisms to manage behavioural disorders and facilitate behaviour management workshops
- Provide regular assessment of living skills, educational progress and behavioural management for children
- Formulate individualized education plans and treatment and intervention plans regularly
- Provide basic assessment of children's behavioural needs as well as educational progress
- Support students' learning using a range of different teaching strategies and handmade as well as self-sourced IT resources
- Kept classrooms organized, clean, neat and properly sanitized for student health and classroom efficiency

Education

National University of Singapore

Singapore

DEPARTMENT OF PSYCHOLOGY

2016 - 2020

- Bachelor of Social Sciences with Honors (Highest Distinction) in Psychology
- Honors Thesis: What Happens After we Choose to Eat the Forbidden Fruit - Effects of Indulgence Autonomy on Post-Temptation Motivation

Publications

- Makowski, D.; **Te, A.S.**; Pham, T.; Lau, Z.J.; Chen, S.H.A. The Structure of Chaos: An Empirical Comparison of Fractal Physiology Complexity Indices Using NeuroKit2. Entropy 2022, 24, 1036. <https://doi.org/10.3390/e24081036>

Conferences & Presentations

Fractal dimension of EEG activity is linked to distinct facets of resting-state cognition

*Organization for Human Brain
Mapping (OHBM)*

06, 2022

A Closer Look at Cardiac Contraction and the Effect of Cardiac Timing on Cognitive Control

*Organization for Human Brain
Mapping (OHBM)*

06, 2022

Awards & Distinctions

2020	Deans List
2019	Wan Boo Sow Chinese Studeies (GE)
2019	Deans List

National University of Singapore

National University of Singapore

National University of Singapore

Volunteer work

2022-Current	Regular volunteer (IMHope)
2019	Overseas volunteer (Project Sangkhem)
2019	Intern

Institute of Mental Health

Cambodia

*Children's Partnership Pte Ltd
(Singapore)*

Skills

TECHNICAL SKILLS

Coding Languages

R – Python–SPSS

Software

RStudio –jsPsych

Other

Git – Markdown

LANGUAGES

Skill	English	Mandarin
Reading	Native	Native
Writing	Native	Native
Listening	Native	Native
Speaking	Native	Native

References

- **Prof. Dr. Annabel Chen**, Nanyang Technological University, NTU, annabelchen@ntu.edu.sg
- **Dr. Dominique Makowski** Nanyang Technological University, NTU, dom.makowski@gmail.com