



MERLYN (MEI YUN) TAN

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[Merlyn \(Mei Yun\) Tan](#) 

PROFESSIONAL SUMMARY

I am a scientist holding a Master of Biomedical and Health Sciences from Monash University. Through my tertiary studies in Australia and Singapore, I have grown to love sleep science and would like to pursue a career in said field as sleep will be an important pillar in people's lives. I have both pre-clinical and clinical research experience through two research projects in addition to my experience in conducting clinical sleep studies under a hospital setting as I am self-motivated and a staunch believer in the concept of lifelong learning. I hope that I can contribute to society via the implementation of the scientific method and the passion for helping people. In addition to the technical skills, I have a strong background in communications, organization, and public relations from various jobs during college and my gap year. With this set of skills in hand, my mission is to grow and learn in research to serve the people and bring changes to society.

WORK EXPERIENCE

Research Associate | National University of Singapore (Singapore)

SEP 2023 – PRESENT

Research Assistant | Duke-NUS (Singapore)

NOV 2021 – SEP 2023

- Contributed to success of various cognitive sleep research studies through guiding participants in executions of cognitive testing and setting up Type I polysomnography on said participants.
- Co-lead an industry project involving multiple collaborators for a novel research project examining the effects of different interventions on airline passengers' well-being.
- Provided guidance and instructions to junior and senior lab members on different aspects across multiple research studies, mainly on SOPs, sleep staging, experimental protocols, and calibration protocols of certain machinery and software.

eExam Supervisor | Monash University (Australia)

NOV 2020 – SEP 2021

- Contributed to the integrity of university education standards by conducting remote supervision of examinations.
- Efficient problem solving and communication skills by addressing inquiries from students ranging from tier one IT support to exam material.

Sleep Scientist Grade 1 Year 4 | Glenferrie Private Hospital (Australia)

FEB 2020 – SEP 2021

- Contributed to multiple sleep studies through setting up Type I and Type II polysomnography on various patients.
- Efficient problem solving and communication skills by addressing inquiries from patients regarding SOPs of the various sleep studies.
- Contributed to multiple patients' diagnoses through conducting live scoring of sleep staging and respiratory events in addition to CPAP titration and mask fitting for various patients with different health conditions.

Research Assistant | Monash University (Australia)

JUN 2019 – SEP 2021

- Contributed to success of various research studies through guiding participants throughout said studies across various fields including respiratory and cognitive sleep research projects.
- Efficient problem solving and communication skills by addressing inquiries from participants regarding SOPs of different research studies.
- Provided guidance and instructions to junior members on different aspects across multiple research studies, mainly on SOPs, sleep staging, and calibration protocols of certain machinery and software.



EDUCATION

Master of Biomedical and Health Sciences | Monash University (Australia)

JUL 2017 – JUN 2019

A 2-year specialist master by coursework program that offers specialized training on research methods and practices. Completed a research project and internship under the supervision of Assoc Prof. Bradley A. Edwards of Monash University in the Sleep and Circadian Laboratory, Department of Physiology in the field of Obstructive Sleep Apnea.

Bachelor of Science in Biological Sciences (Hons) | Nanyang Technological University (Singapore)

AUG 2012 – JUN 2016

A 4-year bachelor program that offers broad-based training in biological sciences to prepare graduates for careers in Life Sciences research and industry. Completed a Final Year Project under the supervision of Associate Professor Rupshi Mitra, School of Biological Sciences in the field of Neurobiology.



REFEREES

Available on request