

Part-time Research Assistant Position

No. of Vacancies: 1

The National Institute of Education (Nanyang Technological University, Singapore) invite suitable applications for the position Part-time Student Assistant on a temporary contract for ~20 hours per week for 12-24 months at the Office of Education Research.

Project Title: NeuroEducation Program for Parents

Project Information: NeuroEducation Program for Parents is an arm of a larger research program titled LOVING (Learning about Our behavior is Valuable for Increasing Nurturing relationships and healthy Growth), which goal is to examine the impact of improving caregiver sensitivity. NeuroEducation Program for Parents focuses on educating parents about relations between brain development in early life and cognitive performance and behavior across the lifespan. NeuroEducation will comprise a core education package based on neuropsychology and inquiry-based pedagogy. Sessions will include lectures, labs based on active learning, and readings customized to caregivers.

Requirements

- ***Academic qualification:***
Completed undergraduate degree or ongoing or completed graduate degree in Education and/or Psychology and/or Neuroscience or similar areas
- ***Work experience:***
 - o Prior experience conducting systematic literature reviews
 - o Prior experience designing and developing learning materials
 - o Prior experience teaching at any educational level
 - o Prior experience designing and administering instruments to evaluate learning goals
 - o Prior experience designing interview protocols
 - o Prior experience conducting quantitative and qualitative analysis
 - o Prior experience disseminating research findings targeting the general public and academic audiences
- ***Desirable interests, skills, and attributes:***
 - o Passion for teaching and learning
 - o Interest in effective learning in Higher Education settings
 - o Prior experience in inquiry-based pedagogy
 - o Have good communication and organizational skills
 - o Have good interpersonal skills
 - o Be a good team-player, proactive, and able to work independently and with a large group of researchers

Responsibilities

- To conduct systematic literature reviews (summarizing, coding, and organizing relevant literature).
- To design and develop learning materials for the program including topics such as general characteristics of the nervous system and core aspects of brain development and brain anatomy.
- To support the delivery of the program.

- To design and administer instruments to evaluate the program learning goals by assessing pre-and post- knowledge concerning brain and cognitive development, for example.
- To design semi-structured interview protocols and conduct qualitative analysis (summarizing, coding, and organizing relevant literature).
- To compute different statistical analyses for the findings obtained in the systematic literature reviews and semi-structured interviews.
- To contribute to research translation and dissemination of findings targeting the general public and academic audiences.
- To perform other tasks as required by the Principal Investigators.

Target contract start and end date – Sept 2023 – Sept 2024

Time Type – ~20 hours per week for 12-24 months total, flexible schedule

Location - NIE5-03-57E

Contact Information

Applicants should send their CVs and a letter of interest in the position to Dr. Astrid Schmied (astrid.schmied@nie.edu.sg). Selected applicants will be invited to a job interview.