

Research Assistant Position in the Jeffrey Cheah School of Medicine & Health Sciences

Are you interested to pursue cutting edge research in Technology-enhanced education in one of the most advanced E-learning labs in Malaysia? Are you fascinated by the promise of Augmented Reality and how it can be applied to health science education? Do you want to learn about basic medical science knowledge and Information Communication & Technology services and technologies used in this process? This research project will provide you with the opportunity to review the literature, develop and document learning resources and conduct independent research study in the award winning Medical Anatomy and Pathology E-learning ([MAPEL](#)) Lab at the Jeffrey Cheah School of Medicine & Health Sciences, Monash University Malaysia as follows:

Project Title:

Development and Educational/ Neurobehavioral Impact of 3D Interactive Augmented Reality Learning Objects from Cadaveric Morphology

Job Function: Research in Technology-Enhanced Learning

Project Abstract:

This is an invaluable opportunity to participate in a grant funded project with a monthly allowance as a Research Assistant in a top University. The project will study the impact of augmented reality applications in medical education. It will also research on development of augmented reality objects from a 3D interactive digital medical repository followed by pilot testing and educational and neurobehavioural impact evaluation of these AR objects.

This project is funded by a Better Teaching Better Learning (BTBL) 2016 Grant from Monash University.

Interested candidates will be encouraged to pursue Postgraduate studies (such as Masters/PhD) as an extension of the project.

Basic Requirements:

- Must have an Undergraduate Degree or Master's Degree in one of the following preferred disciplines: Biomedical Sciences, Information Technology, Information Systems or Computer Science, Education with interest in education technology. Candidates from other disciplines are encouraged to apply.
- Preferably a Malaysian citizen.

Company Description:

MONASH UNIVERSITY has a bold vision - to deliver significant improvements to the human condition. Distinguished by its international perspective, Monash takes pride in its commitment to innovate research and deliver high quality teaching and learning.

As a full campus of the reputable Australian Monash University, Monash University Malaysia provides an international environment, emphasizing excellence in teaching and research. All Monash campuses, regardless of location, offer the same educational standards and accreditation. The Malaysian campus, located in Bandar Sunway, Selangor, is a dynamic community of staff and students that is supported by comprehensive first-class infrastructure, encouraging collegial processes and intellectual achievement of the highest order.

Please contact: Assoc. Prof. Dr. Arkendu Sen (arkendu.sen@monash.edu) for further details or to express interest.