

NUS-Priority Research In Medical Education

Developing Polymathic Skills and Attitude Through a Comparative Observational Exercise: An Evaluation



An interdisciplinary module (HS2912 Polymaths: Innovating between Art and Science) was co-developed by two academic staff from Pharmacy and Theatre Studies with the aim to cultivate a toolbox of strategies and aptitudes for crossing disciplines, solving complex problems, and innovating in a dynamic world. Students will engage in and interrogate both the scientific and artistic practices through a “comparative observational exercise”. This study aims to evaluate the effectiveness of the approach in developing polymathic skills and attitude through analysis of students’ reflective journal and art-science group project, pre- and post- survey, focus group discussion among students from different disciplinary background, and interviews with tutors engaged in teaching these students.

Dr CHNG Hui Ting
Department of Pharmacy, Faculty of Science, National University of Singapore

Hui Ting is a Senior Lecturer with the Department of Pharmacy. She is a dynamic and passionate educator with the strength and versatility to marry pharmacy practice and pharmaceutical science, and the arts and sciences.

Professional Identity Formation-oriented Mentoring Technique as a Method to Improve Self-regulated Learning



This lecture will present an example of mentoring that utilises the Professional Identity Essay (PIE) created by Kalet A, et al. The aim of this mentoring is to improve learners’ self-regulated learning (SRL).

Before a clinical clerkship, medical students are first asked to verbalise their future images in connection with the professionalism expressed in the PIE. Next, they will set a learning task to bridge the gap between their future and current selves with a mentor whose characteristics overlapped with their future images. Students engage in the learning task in collaboration with the mentor during the clinical clerkship and feedback aimed at improving SRL is conducted.

Prof Yasushi MATSUYAMA
Medical Education Center, Faculty of Medicine, Jichi Medical University, Japan

Yasushi Matsuyama graduated from Jichi Medical University in 2001; from the Graduate School of Medicine in 2011; and from PhD Course of Medical Education, Maastricht University in 2020. He has been a professor at the Medical Education Center in Jichi Medical University since 2021. His main interest is the link between professional identity formation and self-regulated learning.

Date : 3 April 2023 (Monday)
Time : 12.30pm - 1.30pm Singapore Time (30mins each)

Registration closes on 30 March 2023



Register [here](#) or scan the QR code



This session will be conducted online

Each Speaker:

**20mins pre-recorded presentation +
10mins 'Live' Q&A**



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