

# NUS-Priority Research In Medical Education

## Multilevel Mixed-effects Modeling of Factors Affecting Absenteeism Among Medical Students Enrolled at a Philippine Medical School



Absenteeism in medical education may not just be simply rooted in scarcity of time intended for academic responsibilities, but may also involve various student-related, health-related, cultural, and logistics-related factors that may be campus-specific. Additionally, the effects of such factors on class attendance could vary across year-levels. In this cross-sectional study conducted among 410 medical students at the San Beda University Manila campus, we explored how these factors relate to absenteeism by constructing a multilevel mixed-effects model. Pending exams/coursework, academic standing, peer pressure and smoking status were identified as such factors. Variation in log-absence days across year levels was likewise demonstrated.

### Dr Michael VAN HAUTE

College of Medicine, San Beda University, Philippines

Dr Van Haute completed his Doctor of Medicine degree at the De La Salle Medical and Health Sciences Institute, Philippines in 2002. He then underwent Internal Medicine residency training at Steward Carney Hospital in Dorchester, Massachusetts from 2006 to 2009, and then Critical Care fellowship training at The Miriam Hospital in Providence, Rhode Island from 2009 to 2011. He is currently an Assistant Professor at the San Beda University—College of Medicine.

## Occupational Therapy Students' Experiences of Team-Based Learning: A Multi-year Study



Many health sciences disciplines have adopted team-based learning (TBL) as part of their education pedagogy, with studies showing increased classroom participation and learner satisfaction. However, there is a lack of mixed-methods research that explores learning experiences of occupational therapy students. At Singapore Institute of Technology (SIT)'s BSc in Occupational Therapy programme, students undertake three clinical modules using TBL in their second and third year. A mixed methods prospective cohort study was conducted to explore their perceptions and experiences of TBL. 127 students from Academic Year (AY) 2016 and AY2017 completed the Team-Based Learning Student Assessment Instrument (TBL-SAI) at the end of their first and third clinical module. In addition, they completed a semi-structured survey to share their learning experience. During the presentation, the speaker will share the quantitative and qualitative results of this study, as well as implications on health sciences education.

### A/Prof TAN Bhing Leet

Health and Social Sciences, Singapore Institute of Technology, Singapore

Assoc Prof Tan Bhing Leet is the Director of Programmes at Health and Social Sciences Cluster, Singapore Institute of Technology (SIT). She teaches mental health in the Occupational Therapy programme at SIT. Prior to this appointment, she served as the Head of Occupational Therapy Department at the Institute of Mental Health. She graduated from the University of Queensland with a PhD in Psychiatry, and also has a Masters in Mental Health from Kings College London and BSc (Hons) in Occupational Therapy from University of Exeter, UK. A/P Tan was accorded the National Day Award Commendation Medal in 2011 and National Healthcare Group (NHG) Allied Health Educator Award-Senior Educator Category in 2015.

**Date : 7 June 2021 (Monday)**  
**Time : 12.30pm - 1.30pm Singapore Time (30mins each)**

**Registration closes on 3 June 2021.**

Register at: <https://bit.ly/32vOx23> 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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