

# NUS-Priority Research In Medical Education

## Doing Impactful Pedagogical Research with NUS ALSET

We introduce NUS Institute for Application of Learning Science and Educational Technology (NUS ALSET) and its programmes for encouraging faculty at all levels to participate in impactful pedagogical research. We will first discuss ALSET's role within NUS and how it complements other units such as CDTL and the Teaching Academy. Then we will describe how faculty can ally with ALSET by leveraging its NUS-wide data lake on student performance and other variables, applying for ALSET seed grants and consulting ALSET staff for help - on IRB, grant applications, and statistical expertise for study design, among others.

Joshua J. Gooley (Duke-NUS Medical School) will present the Neuroscience Research Theme at ALSET and describe his ongoing research on students' sleep and studying behavior.



**A/Prof Min-Yen KAN**  
School of Computing and ALSET, National University of Singapore

Min-Yen Kan is an Associate Professor with the School of Computing, and serves as an Assistant Dean of Undergraduate Studies and as a Deputy Director (Discovery Research) for the Institute for Application of Learning Science and Education Technology. His research interests include digital libraries and applied natural language processing and information retrieval. Projects include scientific discourse analysis, full-text literature mining, lexical semantics and applied text summarization.



**A/Prof Joshua GOOLEY**  
Neuroscience & Behavioral Disorders Programme, Duke-NUS Medical School;  
ALSET, National University of Singapore

Joshua is an Associate Professor in the Neuroscience & Behavioral Disorders Programme at Duke-NUS Medical School and an ALSET Research Theme Lead in the Neuroscience of Learning. He is Principal Investigator of the Chronobiology and Sleep Laboratory, which is part of the Centre for Cognitive Neuroscience. His primary research interests relate to understanding the role of the circadian system and sleep in modulating human health, physiology, and cognitive performance. He holds a B.A. in Biology and Neuroscience from Wesleyan University and a Ph.D. in Neurobiology from Harvard Medical School.

**Date : 8 October 2018 (Monday)**

**Time : 12.30pm - 1.30pm**

**Venue : Room T11-02, Level 11, NUHS Tower Block, 1E Kent Ridge Road, Singapore 119228**

Lunch will be provided from 12noon to 12.30pm. Please RSVP at <https://www.surveymonkey.com/r/NUS-PRIME8October2018>\* by 2 October for catering purposes.

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