VIRTUAL BIOLOGY COLLOQUIUM

Friday, 16 April 2021 | 4pm | Online Zoom Session

Hosted by A/P Lu Gan

Using estimation statistics to analyze emotional behavior

By **Adam Claridge-Chang**
Duke-NUS Medical School

About the Speaker

Adam is an Associate Professor at Duke-NUS Medical School. His lab works on the circuit mechanisms of emotional behavior, using the Drosophila model system. He studied at the Australian National University, pursued his doctoral work on circadian rhythms with Michael Young at The Rockefeller University (2017 Nobel laureate) and did postdoctoral work on olfactory learning with Gero Miesenböck (2020 Shaw Laureate) at Yale University. Adam was previously a Nuffield Leadership Fellow at the University of Oxford, and currently holds adjunct appointments at NUS Physiology and IMCB, A*STAR.

Neuroscience is rapidly developing tools to investigate the brain and behavior. I will summarize a few aspects of one of the most fundamental experimental tools—data analysis—and discuss ways in which estimation statistics help research, taking examples from the literature and my lab's research. This talk should be of interest to brain researchers and scientists interested to learn how estimation statistics can benefit their research.

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