

## Social versus solo sleep in a neotropical fruit bat species

**Date** 28<sup>th</sup> May (Fri.)

**Time** 16:00 (UTC+8)

**Venue** Zoom



You can also email us to require the Zoom link  
(check SBS website→NEWS & EVENTS)

**Abstract:** Like many other mammals, bats are highly social and sleep in different sleeping configurations; from large species-diverse colonies to small intraspecific dyads. Collective sleeping has been found to reduce predation risks, maintain thermoregulation and increase the opportunity for mating. However, sleeping in groups presents a greater chance of being awoken by restless neighbours. In this talk I discuss preliminary results examining the duration of rapid eye movement (REM), and non-rapid eye movement (NREM) sleep in different sleeping configurations of the Jamaican fruit bat (*Artibeus jamaicensis*).



**Hannah Tilley** is a first year PhD student in the Applied Behavioural Ecology and Conservation (ABEC) Lab. The focus of her PhD is Asian elephant decision-making based on olfaction; however, she has worked in research in Hong Kong since early 2017 covering topics such as wildlife trade, and the effect of urban noise on birdsong. In 2019 she worked for the Smithsonian Tropical Research Institute (Panama) researching sleep behaviour in neotropical bats, which will be the focus of her talk.

**All are welcome!**