

FACULTY MENTOR

Robert L Owens

PROJECT TITLE

Actigraphy in the Intensive Care Unit

PROJECT DESCRIPTION

Patients who undergo open heart surgery are at high risk for post-operative complications, including delirium, a transient state of confusion. We have actigraphy (wrist worn accelerometry) data in 120 subjects who underwent such surgery who were carefully followed after surgery. We seek to understand how patterns of movement or sleep might predict delirium.

INTERNS NEEDED

1 MS student

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PROJECT TITLE

Freshmen Sleep and Health (FroSH) Study

PROJECT DESCRIPTION

We enrolled 100 incoming UCSD students during the summer before the start of college and had them track sleep and activity using a fitbit. We seek to understand how sleep and activity track with weight gain during the first quarter (the so called "freshman 15") and markers of mental health such as anxiety. We also have data on smart phone use.

INTERNS NEEDED

1 MS student