



Code: Lee-B

APD 1210 RESEARCH PRACTICUM COURSE

PROJECT DESCRIPTIONS 2023-24

FALL/WINTER

Name and Title: *Dr. Kang Lee*

Lab Website: <http://www.kangleelab.com/>

TITLE OF RESEARCH PROJECT: *Sleep Psychophysiology*

NUMBER OF STUDENT PLACES AVAILABLE: *1*

PRIMARY MODE OF RESEARCH PLACEMENT PARTICIPATION (circle one option and describe):

IN PERSON

REMOTE (ONLINE)

HYBRID/FLEXIBLE

The work with comprise of tasks that can be done either from home or from the lab at OISE (e.g., literary work, data analysis etc). Tasks such as helping with lab studies, data collection will involve in person, at lab work.

OBJECTIVES AND METHODOLOGY:

We are conducting studies investigating the psychophysiological changes and patterns can be observed during sleep in a semi-naturalistic environment. We plan to apply a novel, adapted methodology specifically, a camera-based approach coupled with conventional psychophysiological measures to measure sleep activity. This study will be conducted with adult participants and will be a precursor to help us to set the stage to evaluate the role of sleep in infant & child development.

DESCRIPTION OF STUDENT PARTICIPATION:

During their time students may engage and learn about a variety of tasks involved in academic research, including but not limited to: research/literature review, study procedure and ethics, conducting/participating in research studies (data collection), data analysis, and presentation of research. Supplementary information, training/guidance, and feedback will be provided throughout their and students may also help on other projects within the lab. During their time we hope students will gain an intrinsic perspective of different topics and how academic research is conceived and carried out.



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DESCRIPTION OF PREFERRED SKILLS/BACKGROUND (OPTIONAL):

Background experience with psychology and/or human physiology.

Ability to learn and solve problems in an independent and self-driven way.

Ability to communicate complex information clearly and efficiently.

Ability to work collaboratively with academic researchers and communicate with participants.

DAY AND TIMES OF LAB MEETINGS:

Weekly Meetings on Wednesday morning 9-10am and Friday Mornings 10-11am. (To be confirmed)

In addition short meeting with supervisor and student, weekly, to discuss ongoing progress and answer any questions etc. (TBD)