Faculty of Engineering
Summer Research Program 2023-2024

Project Title: What role can e-scooters play in encouraging public transport?
Supervisor(s): Associate Professor Alexa Delbosc, Professor Graham Currie
Department: Department of Civil Engineering
Email: Alexa.Delbosc@monash.edu
Website profile of project supervisor: https://research.monash.edu/en/persons/alexa-delbosc

Objective
Understand the behavior of e-scooter users and how they integrate with public transport

Project Details
Just in the last three years, shared e-scooter systems have been piloted or approved in every Australian capital city and some regional centres. In Melbourne, an e-scooter trial began in February 2022 and since then e-scooters have made a significant impact on Melbourne’s transport system. Recently the government has also allowed private e-scooter usage in public roadways allowing more e-scooters to the transport system. One potential benefit of e-scooters is that they can provide an easy way for people to get to and from train stations as part of a sustainable journey. The project aims to collect data from e-scooter users on their usage patterns to understand how e-scooters affect public transportation.

In this project, the student will help recruit e-scooter users for research, observe e-scooter users, help collect data and/or support data analysis.

Prerequisites
Students must have completed at least CIV2282.