CAN YOU HELP IMPROVE CAMPUS ACCESS?

Understanding how students and staff move around campus and between buildings helps The University of Adelaide to identify any potential barriers for those who have a disability or medical condition (ongoing, periodic or temporary) that impact on the routes they need to/choose to travel.

We are looking for **staff and student volunteers** with and without disabilities or medical conditions, to participate in this study**.** The data collected in the study will be used to develop a Campus Access Strategy that better addresses the current barriers with the view to **improving access for all campus users.** The study applies artificial intelligence to integrate health, transport, planning and human behaviour sciences.

It takes just 5 minutes to register – no further time commitment.

All participants will go into the draw to win **one of five $200 Coles Group & Myer gift cards.**

Participants are invited to attend an optional information session prior to the commencement of study, and an optional information session at the completion of the project to hear the outcomes.

Register at: adelaide.edu.au/infrastructure/cap-study

About the study

This study utilises technology managed by a third party (Movendo) which integrates seamlessly with smart phones by embedding specialised intelligence into an existing smart phone App. The existing intelligence of mobile devices (location GPS, accelerometer, magnetometer and gyroscope) will be accessed to understand movement patterns to, from and within the **North Terrace Campus**.

The data that is automatically collected from the phone sensors will be aggregated using Movendo's data analytics platform that has been tailored to this study. The adaptive, artificial intelligence platform detects what people do and what influences their choices. Deep neural networks and machine learning are applied to interpret where, when, how and why people travel.

The **Smart Phone App** requires no user interface. Once loaded onto the device, the data will begin to be collected in the background, whilst maintaining the individual's anonymity. In this way, cumbersome manual, user- interface, data collection processes can be eliminated, resulting in more complete and accurate results.

The extent of the study and analysis will be within a 1.5km radius from the centre point of the North Terrace campus. Data collection will run from Monday to Friday for a 4 week period from Monday 23 March until Friday 17 April 2020. Any data collected beyond that geographical location and time period, will be disregarded.

Please be aware that study places may be limited in order to ensure there is an even distribution of participants across the different mobility types.

Prizes

Only those who participate and complete the study are eligible to win the gift card prizes. Prize winners will be drawn by a random selection of eligible participants by the University within 5 days of the completion of the data collection period of 17 April 2020. The University's selection will be final.

Winners will be notified as soon as reasonably possible. If for any reason the winner does not redeem the prize with a reasonable time determined by the University, then the prize will be forfeited.

Privacy

Participants only need to provide the following information in order to register and set up the app. The information is designed to ensure that a cross-section of the University community (of all mobility types) is represented in the volunteer pool:

- Email address
- Mobility status – is your mobility around campus affected due to a disability or medical condition (i.e. use of wheeled or non-wheeled aids, vision impairment, cognitive, etc.)
- Two buildings on North Terrace campus that are frequently accessed (if known)

The information collected (as listed above) will only be used for the purpose of conducting the study. The identity of participants (which may not be apparent based on the limited information required) will not be disclosed to any other third parties apart from Movendo. The University will only receive aggregated and anonymous data.

The University will own the data collected. Data stored on Movendo's system will be deleted at the conclusion of the study.

Other terms and conditions

Volunteers will need to accept Movendo's licence agreement (available on the study web page) to use the app. **Please note** that by registering for the study you are declaring that you have read and accept all of the terms and conditions (including the terms set out above and Movendo's licence agreement).

Register, find out more or ask a question at
adelaide.edu.au/infrastructure/cap-study