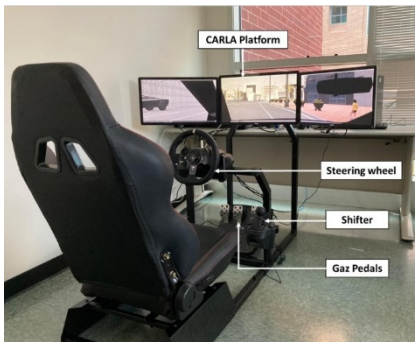
University of Connecticut

Volunteers Wanted for a Research Study

Measuring Perception and Behavior of Drivers in a Simulated Motor Vehicle



This research study aims to learn how young drivers react to unexpected events that may happen while driving and are related to potential hazard. Examples of such events include the appearance of flashing lights or the hearing of a sound from outside. You will be asked to drive in a car simulator as in the *figure on the right* while your behavior is recorded by the simulator, non-invasive wearable sensors like the EEG, and an eye tracking device. The *figure below* shows examples of traffic conditions that will be simulated while you drive. Participation to this study is voluntary and will take up to 2 hours in one session.

Participants must be healthy individuals between ages of 19 and 30 years old, hold a valid US driver license, have had a driver license for 3 years or more, and be without any injuries or disability that affect their ability to drive a car. Participants will be excluded if they are unable to drive because of physical pain or psychological stress. The participation is voluntary, and no compensation will be provided.

Research will be conducted at the ITE Building on the Storrs Campus (371 Fairfield Way, Storrs CT 06269). For information, please contact Dr. Ali Bazzi (ali.bazzi@uconn.edu) or Dr. Sabato Santaniello (sabato.santaniello@uconn.edu).

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