

ATTENTION DRIVERS!

The Transport Research in Psychology Group at Nottingham Trent University are trialling a new type of Hazard Perception theory test in Virtual Reality.

Who are we?

The Transport Research in Psychology (TRiP) Group is a research team at Nottingham Trent University who focus on investigating different methods to help make driving safer. This includes understanding the way people think about driving, the strategies they use to look for and avoid collisions on the road and developing training tools to help learner drivers build up these skills.

Why are we doing this?

We are trying this out to investigate if there are any potential benefits of using a Virtual Reality system to present the hazard perception theory test in 360°. This means that you will be able to look all around you when trying to spot the hazards, unlike the traditional hazard perception test which is presented on a single screen. A lot of tech companies like to boast about their use of Virtual Reality, but we have decided to put their claims to the test!

What will you have to do?

You will be watching footage filmed from the perspective of someone driving a car, displayed through a Virtual Reality headset. Three quick and simple variations of a hazard perception test are used, where you will either press a button when you spot a hazard or try to guess what happens next in the video clip. Throughout this we will be tracking your eye movements as you look around the road scene.

This will take about 40 minutes in total and will be in the Taylor Building on the NTU City Campus site, near the Theatre Royal.

Who we are looking for?

We are trying to recruit anyone who is a regular driver who is interested in trying out virtual reality. You will receive a £10 Amazon voucher for your time.

Is there any danger to using Virtual Reality?

There is nothing to worry about using the headset, it is like putting on a big pair of glasses with screens in them (as shown in the picture in the top right). You will be sat down the entire time so there is no danger of bumping into anything.

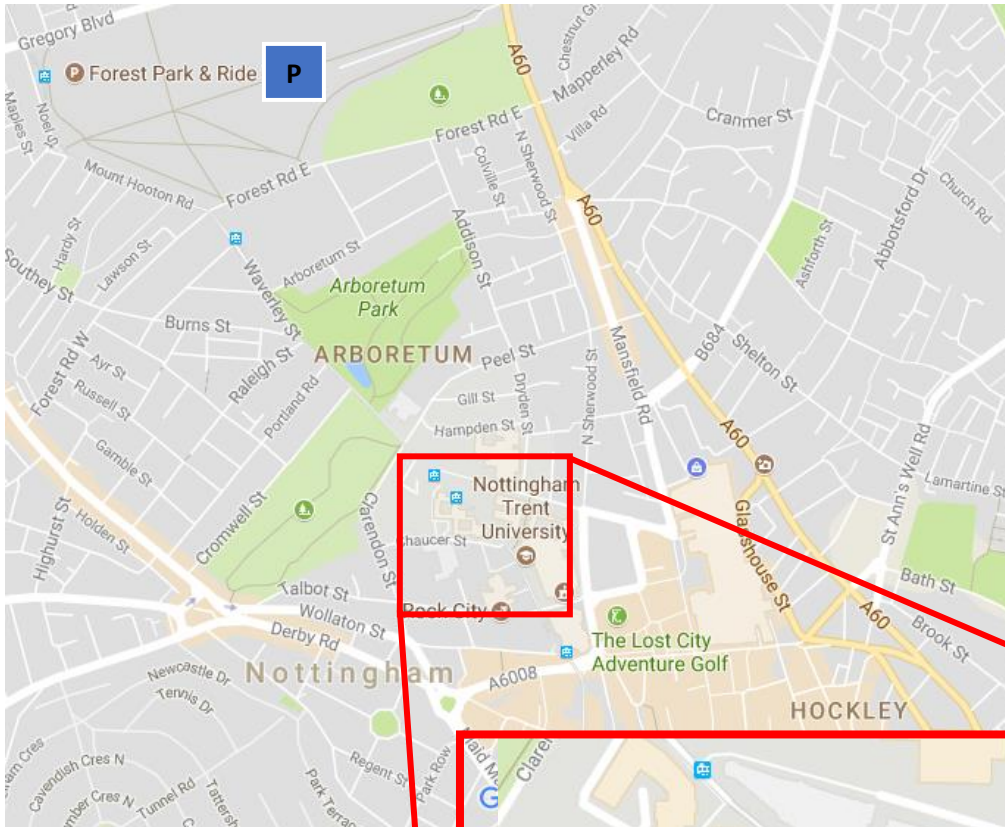
Some people do report feeling nauseous whilst using the headset, similarly to how some people feel car sick on long journeys. We will be monitoring this throughout the study, but you will be free to stop at any point if you don't feel at all comfortable and don't want to continue. This only happens to a minority of people.

I'm interested, how can I get involved?

If you want to come and have a go, please email Michael.vernon@ntu.ac.uk, copying in tgawright@ntlworld.com, with any questions you have. If you use the subject line "VR Research Participation" then we will get back to you shortly to organise a time for you to come into our lab.

Thank you and we hope to see you soon!





The **Department of Psychology** is located in Taylor Building on Chaucer Street.

Arriving by car: The Forest Park and Ride is two tram stops from NTU (take a tram for Toton Lane/Clifton South) and drops you on Goldsmith Street. Continue walking in the direction of the tram and take the first right onto Chaucer Street. Alternative multi-storey parking is available off Talbot Street. On-street parking is also available on Chaucer Street at £1 per 30 minutes for a maximum of two hours.

Arriving by train: NTU is a 20 minute walk from the station. Alternatively, you can catch a tram heading towards Hucknall/Phoenix Park. NTU has its own stop.

Taylor Building: The Taylor Building is signed as part of the School of Social Sciences, within which Psychology falls. The entrance has an intercom. Please dial (0)115 848 2358 to connect with Prof. Crundall's office.

