



SCIENCE
SCHOOL OF PSYCHOLOGY

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Hi there,

Thank you for showing interest in our study.

Our study wants to understand how the connections in your brain are organised. Newer connections develop as you grow and become stronger with new experiences.

For instance, we can think of the brain as 'Auckland city', and we know that there are many ways to get to the city. However, we need to determine the easiest and fastest way by avoiding heavy traffic. We can easily do this nowadays because we have access to road maps (or google maps). This gives us information about driving directions, road closures, and walking paths. Similarly, in the brain, some areas and transport modes are well connected for efficient movement compared to others. With our study, we are trying to draw a 'map' with your brain. We can do this by taking pictures of your brain using very large cameras. It is very important that you keep your head still so that we can take clear pictures that are not blurred. If we know how your brain is mapped, we can use your map to help others who are the same age as you. This will let us know if other people have delays or blocks in the flow of information to the brain.

We would be very happy if you could help us map the brain just like how engineers map the whole city to show connections between different neighbourhoods of the city.

Principal Investigators

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