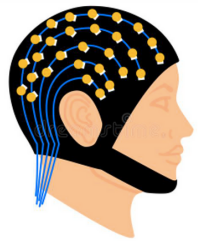
THE FREDERICK J. AND MARION A. SCHINDLER COGNITIVE NEUROPHYSIOLOGY LABORATORY

Help us study the sense of touch in autism!

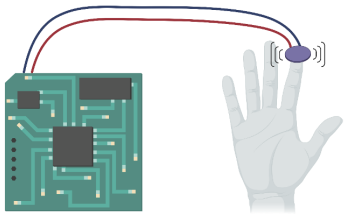
UNIVERSITY of ROCHESTER

EEG



We use EEG (electroencephalography), to study when and how strongly the brain reacts to something!

HAPTIC FEEDBACK



We use a small vibrating button to deliver vibrations to the fingertip at precise times so we can see how the brain reacts!

VIRTUAL REALITY

We use virtual reality to make it look like you are touching an object, or that the object is moving to touch you!

WHY ARE WE STUDYING TOUCH?

- Many autistic people are very sensitive to different types of touch, causing discomfort or pain
- If we find out what is happening in the brain when touch is unpleasant, we can help autistic people find ways to make certain types of touch more comfortable

WHAT DO WE EXPECT TO FIND?

- We expect that autistic people will have a bigger difference in brain response between unavoidable and voluntary touch, compared to neurotypical adults
- The choice to touch something rather than having it be unavoidable may affect brain sensitivity

WHO IS ELIGIBLE?

- People aged 18 to 45
- People who either have a confirmed diagnosis of autism or no history of autism
- People with normal hearing
- People with normal or corrected to normal vision
- People with no history of major head injury

HOW DO I JOIN?

Follow this QR code for our email address or email us directly at this address

Payment of $18/hour

ASDResearchCNL@gmail.com