

# Participate in Research

## The neural basis of speech motor adaptation



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### CONTACT INFORMATION:

### TO ASK QUESTIONS OR TO SIGN UP, CONTACT

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### Do you want to participate in a study about how the brain works during speech?

#### What is this study about:

This study aims to investigate the brain areas involved in processing information for speech. We will use brain stimulation to temporarily inhibit or excite an area of your brain to see how this affects how you process information and correct for errors during speech.

#### Who can participate?

We are looking for adult participants who...

- Are 18-36 years old
- Use English as their primary daily language
- Have no history of speech, language, developmental, or hearing deficits

#### What's involved?

- Two study visits to Holland Bloorview
- Hearing assessments
- An MRI
- During the second study visit, real or pretend brain stimulation will be administered
- Auditory and speech task

#### Potential Benefits?

- Participation in this study will help improve our understanding of how the brain processes information for speech and language learning.

#### Potential Risks?

- Mild headache, fatigue, and discomfort
- Rare and small risk of seizure or fainting

Participants will receive a small token of appreciation to thank them for their time.

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