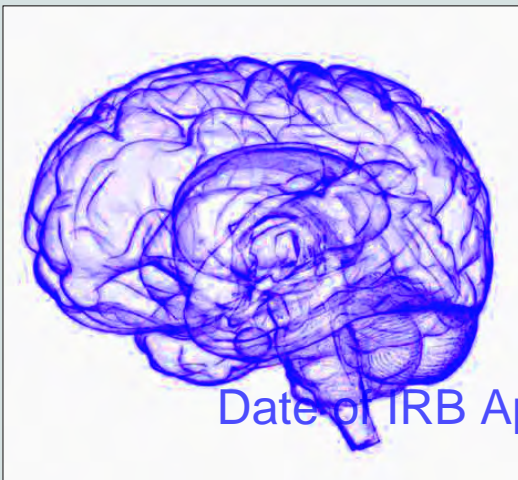


## HOW DO WE STUDY THE BRAIN?

- We play interactive computer games while taking pictures of the brain.
- Pictures are taken using a Magnetic Resonance Imaging (MRI) machine.
- We use the MRI to measure patterns of brain activity.
- The MRI is a safe, non-invasive and widely used tool, and it is often utilized in clinical practice.



## CONTACT US!



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Date of IRB Approval: 06/21/2021

Institutional Review Board



VANDERBILT

Deaf and Hard of Hearing  
Reading Project

Help us discover how  
children who are  
d/Deaf and hard of  
hearing learn to read!



BRAIN



VANDERBILT  
PEABODY COLLEGE





## DEAF AND HARD OF HEARING READING PROJECT

### WHAT WE DO

Study how DHH children's brains develop and how they change when learning to understand written language!

Date of IRB Approval: 06/21/2021

## WHY PARTICIPATE?

- Participants will be paid *(including travel expenses for those who must drive far or fly to Nashville)*
- Receive your child's standardized test scores
- Help unravel the mystery behind how d/Deaf and hard of hearing children learn to read

## WHO CAN PARTICIPATE?

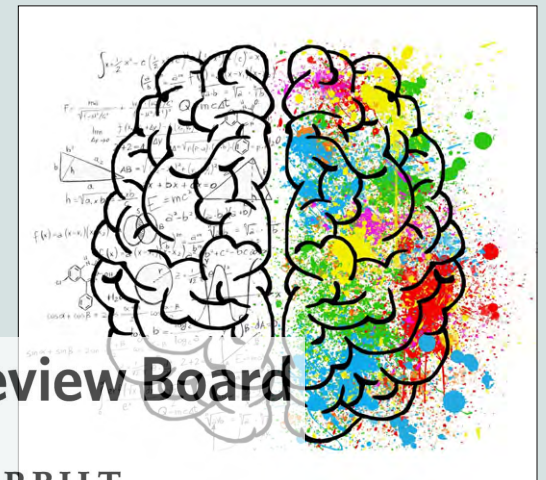
- 10-16 year olds who are d/Deaf, hard of hearing, and hearing
- Use of English, American Sign Language, or both to communicate
- Use of most assistive hearing devices or no device at all
- Does not have cochlear implants

## WHAT TO EXPECT

Children will be asked to participate in multiple sessions including:

- Multiple sessions
- Playing interactive learning games
- Standardized testing
- Experience a mock MRI & a real MRI *(Magnetic Resonance Imaging is safe and non-invasive)*

*Testing can take place during the day, after school, or on weekends at Vanderbilt University.*



Institutional Review Board