

# Participants Needed: Using MRI Technology to Study Executive Functioning

## What are the goals of this research study?

Georgetown University Developmental Cognitive Neuroscience Laboratory and Children's National Health System are studying executive function skills like attention, memory, and learning using magnetic resonance imaging (MRI). Using MRI technology, we expect to pinpoint the parts of the brain that are responsible for these cognitive functions and hope to determine the potential of using MRI as a tool to help clinicians personalize treatment.

## Who can be part of this research study?

Children ages 8-13 with executive functioning (EF) challenges may be eligible to participate.

## What will participants be asked to do?

If eligible, families will be invited to one visit at Georgetown University's Center for Functional and Molecular Imaging. Visits will be scheduled at a time convenient for participating families, including weekends.

During the visit, your child will receive behavioral testing and an MRI scan. While getting the scan, your child will complete computerized tasks that are first practiced outside of the scanner. Parents may be asked to participate in an interview and complete paper questionnaires at the appointment or complete these over the phone.

## What are the benefits of taking part in this research study?

The results of this study may provide information that could help improve the accuracy and efficiency of future EF treatments. In addition, we will pay you for your time, provide free parking, and give you a picture of your child's brain.

## I'm interested! How do I participate?

If you have questions or would like to join the research study, please contact:

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