Who can participate?
Your child may be eligible to participate if he or she is
✓ Age 7 or older
✓ Able to undergo functional MRI while awake and playing computer games
AND EITHER
♀ Had a stroke more than a year ago
OR
♀ Is a healthy sibling or friend of similar age

What is the next step?
Call or e-mail us to discuss our studies!

Contact:
Margot Giannetti McCloskey
Clinical Study Coordinator
(202) 877-1071
Margot.Giannetti@MedStar.net

OR
Catherine Chambers
Research Specialist
(202) 687-3727
Catherine.Chambers@georgetown.edu

Center for Brain Plasticity and Recovery
Georgetown University & MedStar National Rehabilitation Hospital

Elissa Newport, PhD, Director
Alexander Dromerick, MD, Co-Director
Anna Greenwald, PhD, Research Assistant Professor
**Purpose**

Our studies use functional Magnetic Resonance Imaging (fMRI) to investigate how brain functions are reorganized in children and adults who have had strokes.

**What is fMRI?**

Magnetic Resonance (MR) Imaging allows us to take detailed pictures of your child’s brain without using invasive procedures. There is absolutely no radiation exposure.

In order to see how your child’s brain processes language and other cognitive skills, we take functional MR images while your child plays some computer games. This allows us to observe patterns of brain activity as your child participates in the games.

**What would my child be asked to do?**

Participation involves two to three visits to the Georgetown University Medical Center campus. There are two parts to our studies:

A. **Evaluation:** We will assess some of your child’s language, thinking, and motor skills.

B. **MRI:** We will take pictures of your child’s brain while he or she plays games in up to three scanning sessions, each less than one hour long.

**If your family chooses to participate:**

- You will help us to understand how stroke affects language, thinking, and motor skills.
- You will help us to gather information that may improve treatments to help stroke patients recover better.
- You will be paid for your time.

Georgetown University Medical Center is located at 4000 Reservoir Road, NW Washington, DC 20057