

# FOUNDATION

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#### **About Kessler Foundation**

Kessler Foundation, a major nonprofit organization in the field of disability, is a global leader in rehabilitation research that seeks to improve cognition, mobility and long-term outcomes, including employment, for people with neurological disabilities caused by diseases and injuries of the brain and spinal cord. Kessler Foundation leads the nation in funding innovative programs that expand opportunities for employment for people with disabilities. For more information, visit KesslerFoundation.org.

# Research and You

"Research allows us to live the highest quality of life possible."











### Who We Are

Scientists in Neuroscience & Neuropsychology Research study people with neurological illnesses, including multiple sclerosis (MS), traumatic brain injury (TBI), and stroke. Our studies look at a variety of factors that affect quality of life for people dealing with the effects of these conditions. The goal of our research is to improve quality of life and care for individuals with these conditions.



### Get Involved

We are always recruiting individuals for new studies. To find out more about our full list of studies and see if you are eligible, please visit us at:



www.KesslerFoundation.org/researchandyou



## Multiple Sclerosis at Kessler Foundation

Scientists in Neuropsychology & Neuroscience Research have made important contributions to understanding how to prevent cognitive decline in MS. Our clinical studies span new learning, memory, executive function, attention and processing speed, and factors related to employment.

People with MS may have difficulties with thinking, learning, and memory – cognitive functions. Executive functions may also be affected, such as performing tasks in a sequence and problem solving. Individuals may have an increased feeling of apathy, in which they lack the desire to start a task. They may tire quickly when performing thinking tasks—known as cognitive fatigue. These symptoms result in less independence in activities of daily living and limit the likelihood of maintaining employment.

At Kessler Foundation, our MS research focuses on ways to improve cognition, prevent decline, limit fatigue and keep people in the workplace. Using the latest neuroimaging techniques, virtual reality, and neuropsychological (paper and pencil) tests, we measure treatment outcomes to determine how individuals respond to new treatments.