

WANT TO PARTICIPATE IN MOVEMENT SCIENCE RESEARCH?

WE ARE CURRENTLY RECRUITING PEOPLE WHO HAVE MULTIPLE SCLEROSIS TO PARTICIPATE IN A MOTOR LEARNING RESEARCH STUDY AT TEXAS WOMAN'S UNIVERSITY

Individuals with multiple sclerosis (MS) often exhibit deficits in motor dexterity and coordination as a result of the damage the disease does to the central nervous system. Studies have shown that the ability for individuals with MS to learn new motor patterns is initially preserved during the early stages of the disease, but then declines as the disease progresses. We would like to gather information about lower extremity motor learning in individuals with MS in order to develop improved methods of gait training and neuromuscular reeducation in physical therapy.

To participate in the study, you must:

- **Be between the ages of 19 and 65**
- **Have a diagnosis of relapsing-remitting multiple sclerosis**
- **Have EDSS \leq 6.5**
- **Be capable of walking 3 blocks without resting, with or without an assistive device**
- **Be able to maintain an upright standing position independently for about 30 seconds**

To participate, you will need to make one visit to the lab. The tests will take about 2-4 hours of your time. We will measure movement control and neuronal activity while performing a leg task. Participation in the study is voluntary and all data will be deidentified.

To find out more or to schedule an appointment, contact us:

Jason Camit, Student Physical Therapist

Email: jcamit@mail.twu.edu

TEL: 661-586-8090

Michael Cady, Student Physical Therapist

Email: mcady@mail.twu.edu

TEL: 509-985-7999