

Using Wearable and Mobile Data to Diagnose and Monitor Movement Disorders

Have you been diagnosed with a movement disorder?

Would you like to participate in a study?



The Motor Behavior Laboratory of Rutgers University is looking for:

- *Individuals with Essential tremor, Parkinson's disease, Huntington's disease, Primary focal dystonia, spinocerebellar ataxia, and functional movement disorder:*
 - *that are ambulatory*
 - *Have been on a stable medication dose for at least 30 days*
- *Healthy controls of at least 18 years of age*

To participate in a study examining the use of a smartphone application to differentiate patient groups.

You should **not** volunteer if:

- *You have significant cognitive impairments*
- *You have serious untreated psychiatric illness*
- *You have other disorders that could affect how you move*
- *You have uncorrected vision impairment*

The study involves:

- 1 laboratory visit
- The visit should last about 2 hours
- We will use a smartphone application to evaluate motor and cognitive function
- You may also be asked to use the smartphone application at home for 8 weeks

Potential risks:

- You may feel fatigued as we ask you to perform a battery of simple motor tasks
- There is a possibility of fall as we ask you to walk. This would not be different than walking in daily life.

You will receive a minimum of \$40 for completion of the study

If you meet these criteria and are interested in participating, or wish to learn more about the study, please contact Jean-Francois Daneault, PhD:

973-972-8482

jf.daneault@rutgers.edu



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