

EMAIL NOW!!!

Boston University - Charles River Campus

Institutional Review Board

Approved: 07/21/18 - 07/20/19

DO YOU HAVE PARKINSON'S DISEASE?

Researchers at Boston University are seeking **adults between the ages of 18 and 100 years with Parkinson's Disease with no history of moderate to severe hearing loss or regular use of a hearing aid** to participate in research studies to find new objective measures and treatments for sensorimotor disorders.

What's involved?

You may be asked to:

- Produce speech
- Voluntarily contract your hand, arm, neck or facial muscles
- Produce dry swallows
- Fill out motor function and quality of life scales
- Listen to and rate speech samples

The following types of data may be collected:

- Acoustics using a microphone
- Surface electromyography to detect electrical signals from your muscles non-invasively from the surface of the skin
- Body movement and force
- Electroencephalography to detect electrical signals originating from the brain non-invasively
- Flexible endoscopy to observe movements of speech structures
- Electroglottography to detect the movement and timing of the vocal folds to observe movement non-invasively with electrodes placed on the surface of the neck

Participants will be asked to come in for 1 – 20 sessions no longer than 3 hours each and will be compensated \$20/hr.

Please email **stepplab@gmail.com** for more information about ongoing studies.



Boston University
Sensorimotor Control Study
Email stepplab@gmail.com
Call 617-358-1395

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