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 foldsy to observe mov 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.