

## **Attention and Walking in Parkinson's Disease (PD) -fNIRS**

A research study at Boston University

- We are studying how attention and thinking are related to walking and daily function. This project includes a method of measuring brain activity called functional near infrared spectroscopy (fNIRS). Brain activity is measured while you are comfortably sitting, standing, or walking while wearing a cap with sensors.
- If eligible, you will receive tests of attention, thinking, walking, mood, and other aspects of daily function in our lab while we measure your brain activity.
- We are looking for volunteers who:
  - Have a diagnosis of PD without dementia, or healthy people without PD
  - Are age 40 or older and native or proficient English speakers
  - Have 8 or more years of education
  - Do not have a medical device that is sensitive to magnetic fields, such as a cardiac pacemaker, implantable cardioverter defibrillator (ICD), deep brain stimulator (DBS), or cochlear implant



- We offer reimbursement for your time, and free parking.
- **For details, please contact the Vision & Cognition Lab:**

**617-353-6476**