# Research Study

## Huntington’s disease Research Opportunity

### What

We are researching brain activation during cognitive, balance, and walking assessments in people with Huntington’s disease.

You will be asked to:

- Have your balance and walking tested while wearing multiple sensors on the outside of your clothing and a brain imaging cap
- Perform a series of thinking tasks and functional balance tests
- Have a short neurological examination
- Receive an MRI within two months of your initial research visit

### Who

Males and females at least 30 years of age with a clinical diagnosis of Huntington’s disease

### Length

Testing will last approximately 3.5 hours + 1 hour MRI and can be completed in one visit, or split into two.

### Requirements

**Participants must:**

- Have a clinical diagnosis of manifest Huntington’s disease (with $\geq 40$ CAG repeats)
- Be $\geq 30$ years of age
- Have the ability to: 1) Balance and ambulate unaided for 5 minutes and 2) Follow step-by-step directions.

**Participants must Not:**

- Have had any lower limb orthopedic surgery within the past year.
- Have any other neurological/musculoskeletal disorders that affect balance or gait.
- Have a history of significant head trauma.

### Compensation

Individuals will receive a $100 gift card for their participation

### Sign up

Email Nicollette Purcell directly at Nicollette_L_purcell@rush.edu.