

## Biological Subtyping On Reward Task Data in ADHD (BioSORTD Research Study)

Researchers from Hartford HealthCare's Olin Neuropsychiatry Research Center ([www.nrc-iol.org](http://www.nrc-iol.org)) need teenage volunteers with ADHD to help them complete a five-year National Institute of Mental Health-funded study of >400 ADHD-diagnosed and non-ADHD teenagers – One of the largest studies of its kind ever funded by NIMH. This study uses safe, non-invasive functional Magnetic Resonance Imaging (fMRI) to measure brain function during tests of the brain's reward system. The goal is to learn if Attention Deficit Hyperactivity Disorder actually is a collection of different disorders that need different treatments.

### ***Who can participate?***

- Must be between the ages of 13 and 18
- Right-handed
- Have a diagnosis of ADHD
- Other medical history eligibility assessed by phone

### ***What will I do if I participate?***

- An interview, questionnaires, reward-based computer tasks, a saliva sample (optional), and an fMRI brain scan
- 2 virtual and 2 in-person visits (8-10 hours in all)
- You will be asked not to take any regular ADHD medications on the two in-person appointment days
- All research information is kept confidential

### ***What do I get out of this?***

- \$20 per hour compensation, plus a \$30 bonus for completing all parts of the study
- Up to another \$35 can be earned as bonuses when doing reward-based computer tasks
- You will get the satisfaction of contributing to research that could lead to better ways for doctors to diagnose and treat ADHD
- Plus, take home a souvenir picture of YOUR brain!

### ***How do I get involved?***

- Contact Julie Reid at: [Julie.Reid@hhchealth.org](mailto:Julie.Reid@hhchealth.org) or at (860) 545-7788 and ask about the research study on teenagers with ADHD
- If you are under age 18, we need parental permission

