

If you or anyone you know  
may be interested in  
participating  
in this research study

**PLEASE CONTACT**

Kaitlin Cummings

(919) 966-4796

Neurospark@unc.edu



Thank you for your interest  
in supporting research.

This research is conducted  
under the direction of

**Dr. Gabriel Dichter, Ph.D.**

Approved by UNC Institutional Review  
Board for the Protection of Human  
Subjects 20-0148



**Reception Desk Phone**

919-966-5171

**Physical Address**

101 Renee Lynne Court  
Carrboro, NC 27510

**Mailing Address**

University of North Carolina  
Chapel Hill  
Campus Box # 7255  
Chapel Hill, N.C. 27599-7255

# Brain Imaging Study for Young Adults with Autism



**Carolina Institute  
for Developmental Disabilities**

The University of North Carolina at Chapel Hill

## Who can participate?

This study is for adults between 18 and 40 years old who have an autism spectrum disorder, including Asperger's disorder.

## Why is this study important?

This study will generate new knowledge about the brain in those with autism. This may benefit the development of future autism treatment options.

## How will privacy be protected?

All information obtained during this study, including identity, will be safe guarded. A research number will be assigned to each participant and names will not be used. We will store all records in locked files in a locked room that only the research team can access. Any information kept on a computer will be kept in password protected files which are accessible only to authorized staff members.

## What is the study about?

Researchers at the University of North Carolina, Chapel Hill are conducting a study to learn more about patterns of brain functioning in young adults with autism spectrum disorder.



## What is involved?

If you qualify, you will complete remote assessments with a clinician and be asked to fill out a few questionnaires and provide a blood sample.

After that, if you are still eligible, you will be invited for a separate visit to complete the brain scan. The brain scan will include a positron emission tomography (PET) scan and a magnetic resonance imaging (MRI) scan.

## Where will the study take place?

The blood draw will take place at the UNC Clinical and Translational Research Center: <https://tracs.unc.edu/index.php/services/ctrc/ctrc-directions>

The assessments and questionnaires will be completed remotely from your home.

The brain scan will take place at UNC Medical Center. Free on-site parking is available.

Participants will be compensated per hour and for travel costs.

## What is my time commitment?

The blood draw visit will last about 30 - 45 minutes. The remote activities will take about 1—2 hours.

The brain scan visit will take approximately 3 hours. The brain scan itself will take about 90 minutes.