

# How Genes AFFECT THE BRAIN

COCAINE ECSTASY HEROIN MARIJUANA  
NICOTINE Teens COMPARISON

## **What is the purpose of the research study?**

To compare genetics with brain structure, function, and behavior.

## **Who can participate in the study?**

This study is accepting men and women who are 18 to 50 years of age and use one or more of the following:

- Cigarettes
- Cocaine
- Marijuana
- Alcohol
- Other drugs

Healthy volunteers who do not smoke or use drugs are also needed for this study.

## **What will participants be asked to do?**

The study takes about 9 hours and can be broken up into 1, 2, or 3 study visits.

Participants will:

- Receive a physical exam
- Provide blood and urine samples
- Complete questionnaires
- Receive an MRI brain scan

## **Where is the study taking place?**

The NIDA Intramural Research Program is located on the Johns Hopkins Bayview campus in East Baltimore.

## **How much does it cost?**

There is no cost for participation.

## **Will I receive payment of some kind?**

All study participants will be compensated for their time and travel.

## **How can I find out if I'm eligible to participate?**

Call **1-888-OUR-BRAIN** (1-888-687-2724) for a confidential screening.