

# Some questions the study could answer

Together we can find answers to questions that you and many other parents might ask, such as:

What does infant, toddler, and child brain development look like?



How do our bodies and the world around us shape our growth and behavior?



How do social interactions change a child's health outcomes?



How does early exposure to opioids, tobacco, and other substances shape development?



Are there certain things in a child's environment that support healthy growth and development?



**H** EALthy  
**B** rain and  
**C** hild  
**D** evelopment

## Let's Connect and Learn Together!

Be part of the largest long-term study of early brain and child development in the United States.

This study brings together parents, caregivers, health care providers, and researchers to help our children grow to be healthy and happy. Join the HBCD study and help uncover how early life experiences can shape an individual's future.

For more information, please visit [HBCDStudy.org](https://HBCDStudy.org)



# What is the HBCD Study?

The HBCD Study will enroll a large number of families from across the U.S. and follow them and their children through early childhood. The researchers want to better understand how the brain develops and is changed by exposure to substances and other environmental conditions.

Families will be asked to participate in activities once during pregnancy and across several visits during early childhood. These activities include:

## Assessments

Complete surveys and participate in interactive games and activities



## Biospecimens

Provide samples, such as blood (birth parent only), urine and saliva (birth parent and child)



## Biosensors

Your child will wear activity and/or heart rate trackers for short periods of time



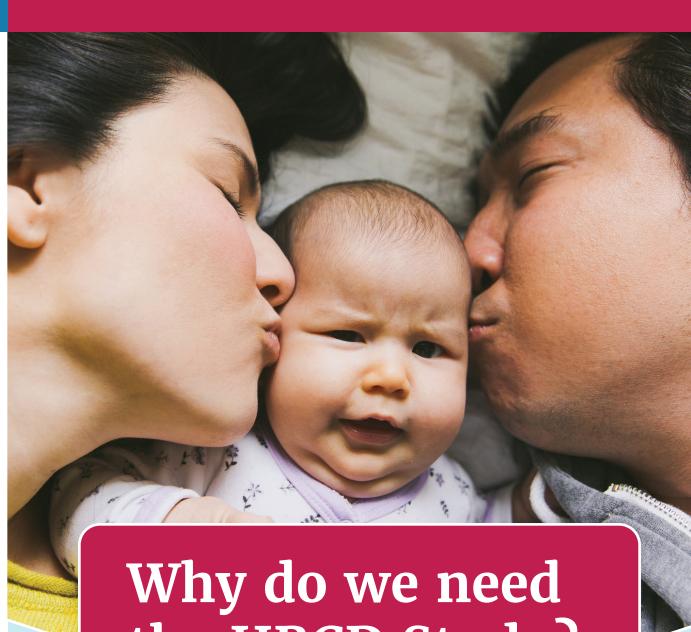
## MRI

Undergo safe, non-invasive methods that provide pictures of your child's brain



## EEG

Undergo safe, non-invasive methods to measure the brain activity of your child



## Why do we need the HBCD Study?

The first few years of life are a time of rapid growth and brain development. The HBCD Study will help us better understand how a child may be shaped by experiences and conditions in pregnancy and early life. These include social and environmental experiences in early life and exposure to substances (such as opioids, alcohol, tobacco, and cannabis) during pregnancy.



# Who can participate?

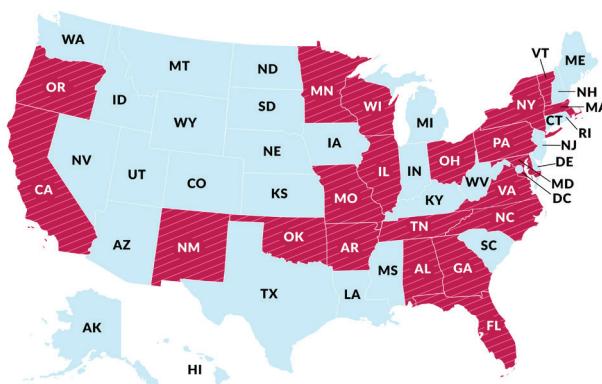
Participating families will include individuals in the 2<sup>nd</sup> or 3<sup>rd</sup> trimester of pregnancy or those who have recently given birth and their babies.

Study locations are across the continental U.S. It is important that people who join the study are different races and ethnicities, with diverse education, income levels and living environments.

All study assessments and activities will be provided to you free of charge. You will be compensated for the time spent participating in the study.

You may be eligible to participate at a Study Site in your area.

■ HBCD Study Sites



## Protection of Privacy



Your family's identifying information will be kept private and confidential, as required by law.



## Who can participate?

Participating families will include individuals in the 2<sup>nd</sup> or 3<sup>rd</sup> trimester of pregnancy or those who have recently given birth and their babies.

## What about costs?

All study assessments and activities will be provided to you free of charge. You will be compensated for the time spent participating in the study.

## Compensation

## Contact

Phone:

Email:

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