

# UNC Brain Development Study of Infants with Fragile X Syndrome

*Do you (or someone you know) have a baby with fragile X syndrome (FXS)?*

You can help us identify the earliest brain and behavioral features of FXS by participating in the first MRI research study of its kind.

## Who is eligible?

Babies with FXS, who are currently under 24 months of age.



## What Does Participation Involve?

- Traveling to UNC for two in-person visits: (1) the first visit between 6-12 months, if possible; (2) a second visit at 24 months of age.
- Behavioral and cognitive assessments at each visit (at no cost to the family) – with a summary of results for the family.
- A safe, non-invasive MRI brain scan during natural sleep (no anesthesia or sedation involved) – with a copy of the MRI for the family.

To enroll or ask questions, please contact:

Zumin Chen (study coordinator)

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Email: [shenlab@unc.edu](mailto:shenlab@unc.edu)

This study is led by Principal Investigator: Mark Shen, PhD, Assistant Professor of Psychiatry & Neuroscience, UNC School of Medicine

## Goal of this Research

Studying the early brain and behavioral development of infants with FXS could aid in the future development of better supports and treatments.

## Compensation

- All travel costs to Chapel Hill, North Carolina (airfare, hotel, rental car, meals) will be covered by the study.
- In addition, your family will be compensated up to \$200 for participation in this study.