



## STRUCTURAL DEVELOPMENT OF HUMAN INFANT BRAIN

### WHAT IS THE GOAL?

- To examine brain structure in typically developing infants
- To use new non-invasive brain imaging methods to develop a better understanding of brain development and function
- To inform earlier diagnosis of neurodevelopmental disorders

### WHO CAN BE A PART OF THE STUDY?

- Typically developing infants and children between the ages of 0 to 24 months

### WHAT WILL PARTICIPANTS BE ASKED TO DO?

- **Children ages 2 to 24 months**
  - 3-4 hour visit to the Children's Hospital of Philadelphia involving developmental assessment, and two brain imaging scans MRI (magnetic resonance imaging), and MEG (magnetoencephalography)
- **Children ages 0-1 month (+/- 1 week)**
  - 7 visits at 3 month intervals between the ages of 0-24 months

You will be able to stay with your child during the entire visit and all families are compensated for their time.

For more information on MRI or MEG visit our CHOP website at:  
<http://www.chop.edu/services/diagnostic-imaging>

### I WANT TO HELP! WHO DO I CALL?

To discuss study participation, please contact:

**TBD**

[infantMRI@email.chop.edu](mailto:infantMRI@email.chop.edu)

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