



Researchers at the UMass Chan Medical School are interested in learning more about baby brain development.

We are interested in understanding how the baby's social brain develops. We would like to study how the natural hormones of the brain and experiences early in life impact this development.

We are looking for mothers that are about to give birth or have a baby under 4 months of age.

Outline

The study will take place in the Eunice Kennedy Shriver Center at UMass Chan Medical School.

The study will consist of two to three visits during the first twelve months of your baby's life.

Visit Tasks

- Mom will complete questionnaires.
- Saliva swabs will be collected from Mom and Baby.
- Mom and Baby will be videotaped while they play and interact.
- During play, Mom and Baby will wear elastic caps that monitor brain activity (a technique called functional near-infrared spectroscopy [fNIRS]).
- Mom will be audio recorded while reading to Baby.
- Baby will complete a brain scan (a technique called functional magnetic resonance imaging [fMRI]) during natural sleep.

Images of the baby's brain and compensation for each visit will be provided.

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TO PARTICIPATE, PLEASE CONTACT:

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