

# Infant-Robot Play Study Announcement

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## **Children and robot swarms:**

You and your child is invited to participate in a research study that examines how a collection of robotic smart toys, and the use of a body weight support system can help infants move in space, and if/how this environment can promote motor and cognitive development in children under the age of 3.



## **Who can participate:**

If your child is between 6 months and 3 years of age, either typically developing or with motor delays, and are not yet walking, he or she may be able to participate.

## **What will be involved:**

- Three 1-hour sessions, ( over 1 week period)
- Paperwork: parental consent forms; physician clearance for the child; personal (child) information form; parent exit survey
- Social interaction and gameplay between your child and a swarm of smart robotic balls
- Partial weight support for your child during gameplay through an open-area full-body harness system
- Data recording via cameras and a portable electroencephalography (EEG) system that records the child's brain activity

## **Contact us for more information:**

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