Infant-Robot Play
Study Announcement

Investigators: Herbert Tanner, PhD; Cole Galloway, PhD

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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