

# THE EARLY MINDS LAB NEWS

SPRING 2024



SIGN UP

OUR STUDIES

EVENTS

PUBLICATIONS



Thank you, Parents!

We at the UMass Boston Early Minds Lab would like to give a special thank you to our parents for their continued support and participation over the years! Through your contribution, we have completed over **40 studies**, published over **20 papers**, and had **10 students** graduate with their PhD in Developmental and Brain Sciences. We could not have accomplished any of this without you. Thank you!

## How Can I Continue to Participate?

We are currently recruiting families with infants and young children between the ages of **8 months and 11 years of age** for our on-campus and online studies. To learn more about which study your child qualifies for click below!

[Click Here](#)



## Up-coming Events

Join us at the **Fields Corner Boston Public Library** on April 16, 2024 at 1:00pm-4:00pm (during April break) where we will be playing some fun games to understand how children perceive the world around. If you are interested in learning more please click the link below. ([link](#))



[RSVP Here](#)

## Study Highlights

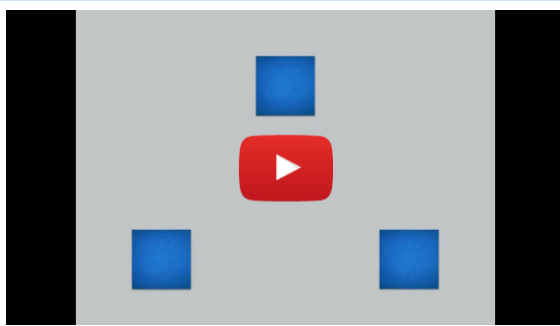
### Memory Game

Age: 18-30 months old

Duration: 5-10 minutes

Compensation: \$20, a certificate and a small gift

In this study we are looking at why toddlers remember less than adults. Your baby will play a fun memory game on a computer where the goal of the game is to match the similar cards. An eye tracker is used to see which card they select.



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### Treasure Map

Age: 3-4 years old

Duration: 15-30 minutes

Compensation: \$20, a certificate and a small gift

In this study we are interested in how children use memories to plan. If you decide to participate, your child will learn how to retrieve colored treasure map pieces from a "rainbow treasure box." They will then use their memories of how the box works to collect treasure pieces to finish treasure maps.

### Ice Cream Machine

Age: 3-5 years olds

Duration: 30 minutes

Compensation: \$10 Amazon Gift Card

In this study we're interested in how children use their executive planning skills. If you decide to participate, your child will play a fun game called "Ice Cream Machine!" and learn how to make two flavors of ice cream appear by using two different coins in a (virtual) ice cream machine. Before participating parents will be asked to complete a 20-30 min questionnaire about your child's demographics and behavior.



Ice Cream Machine



## Recent Findings

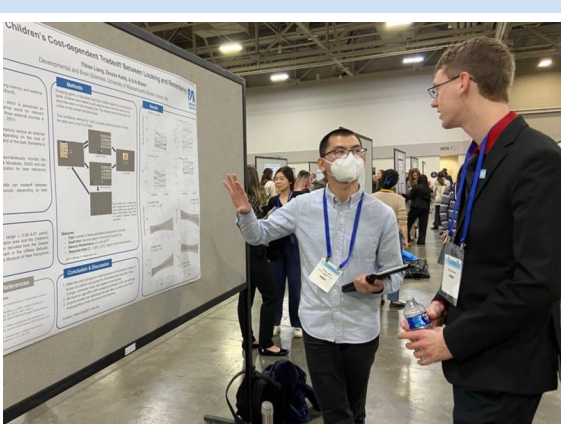
### Do you remember when your child played this memory game?

In our memory game study, our results showed that 3-year-old **toddlers are highly susceptible to a memory error that causes older memories to interfere with remembering newer memories.** These findings could be used to explain why toddlers have more difficulties remembering than adults because they are trying hard to block this memory error!



[Check Out Our Publications](#)

## Conferences and Presentations



Now that travel restrictions have been lifted our team has begun traveling again to present our findings and attend academic conferences. This year our team will be traveling to California and more!