

Examining Executive Function in Young Children with Autism using Computer-Based Tasks

Principal Investigator:

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What do we want to know?

The goal of this study is to understand how children WITH and WITHOUT autism perform on computer-based executive function tasks.

What are executive functions?

Executive functions are capacities that allow us to accurately evaluate a situation and develop an appropriate response.

This may involve:

- Self-Awareness
- Monitoring and Planning
- Organization
- Flexibility
- Inhibition
- Working Memory

Who are we looking for?

Children WITH and WITHOUT autism between the ages of 3 and 6 years, and their parents. All children should have normal (or corrected to normal) vision and hearing.

About the study

This research will involve visiting our lab at the SFU Burnaby campus. Participants will be scheduled at their convenience, and may be asked to come for 2-3 hours (including breaks). Your child will be asked to complete a variety of executive function tasks on the computer. When pictures appear on the screen, your child will be asked to provide verbal responses, to press the spacebar, or to touch the screen, depending on the rules he or she is given.

How to sign up

If you are interested in participating in **Examining Executive Function in Young Children with Autism using Computer-Based Tasks**, please contact Emily Gardiner at emily_gardiner@sfu.ca or call the Autism & Developmental Disorders Lab (ADDL) at 778-782-6746.

