



## Help us learn about adult speech that may support children's development!

SRI Education is looking for caregivers to help us learn about the types of speech adults use with children in early childhood classroom and home settings. The goal of this study is to develop tools that can be used to analyze adult speech in childcare and classroom settings.

### *What does this project involve?*

SRI research staff are looking for 10-15 English-speaking caregivers who are willing to be audio recorded during natural conversations and interactions with young children. We ask that caregivers agree to be recorded for about three hours on five occasions. The project is **not** aimed at evaluating you, your voice, the quality of your interactions with children, or your ability to engage in conversation with young children. Caregivers who agree to participate will be equipped with a head-mounted microphone by SRI staff, and will go about their day as they normally would.

At the end of data collection, caregivers will be asked to participate in a 30-45 minute debrief interview, to help the research team learn more about caregivers' experience with the recording device and how they would use the resulting data.

We will provide you with a **\$50 gift card** as a thank you for your participation in at least three of the five requested days of data collection. If you agree to participate in the debrief interview, we will provide you with an additional **\$25 gift card** as a thank you for your time.

### *How will this information be used?*

Again, we will not use the recordings to evaluate you in any way, and we will not share any of your data back with others outside of our research team. The information gathered will be used to create a machine-learning tool that can identify (in the same way a human can) elements of adults' speech to children that have an influence on child development. This tool would allow coaches to more easily work with caregivers and teachers on advancing their skills.

Identifying information will be removed from recordings. You will be given the opportunity to donate your deidentified data to be shared with other researchers outside of the SRI research team, or included in results reported in research publications and presentations.

*Why should I participate?*

The long-term goal of this study is to create a tool that can analyze adults' speech to young children and accurately identify speech elements known or hypothesized to support children's development. Speech analysis would become a tool that can inform coaching and professional development and can also be used to conduct research that further associates adults' speech with child developmental outcomes. Your participation is critical to the creation of these tools.

*How do I sign up?*

Please contact Todd Grindal, the study Principal Investigator, at (339) 224-7349 or [Todd.Grindal@sri.com](mailto:Todd.Grindal@sri.com). Someone from the research team will follow up to answer questions, request your consent, and discuss next steps.

For Participant Rights, please contact the IRB at: (650) 859-4022; [irb@sri.com](mailto:irb@sri.com).