Preschool-Age, Low-Income, Hispanic Children; Relations Between Parent-Child Interactions and Child Language Development in English and Spanish

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Sebastian, Reina I. and Raikes, Helen, "Preschool-Age, Low-Income, Hispanic Children; Relations Between Parent-Child Interactions and Child Language Development in English and Spanish" (2016). UCARE Research Products. 98.
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Language development in children is one of many benchmarks in their pre-school age. Parents are always encouraged to read to their children when they are young as it is the prime time to stimulate their language development. In a previous study, it was found that “the relations between book reading and language outcomes appear to be strong and direct during the first 2 years of life” (RAKIEZ ET AL., 2006). Despite these findings, there are many families who are not reading to their children or participating in literacy activities with them. Hispanic families are less likely to participate in literacy activities compared to other groups. Furthermore, Hispanic families where both parents do not speak English, are less likely to read to their child, tell them a story, or visit a library (website). It has also been found that Hispanic families and African families are more likely to have no books in their household compared to other ethnic groups. There was only a small percentage of Hispanic families who had 10 or more books in their household (Bradley et al., 2005). It has also been found that Hispanic children score lower in literacy test and a 2015 study looked at factors that could be affecting this gap. One of the findings of their study found that Hispanic children who have more access to a greater number of books obtain a higher literacy score than those Hispanic children who do not (Delgado & Stoll, 2015).

The sample consisted of 30 Hispanic families with children who were of pre-school age that are participating in the Early Steps to School Success Program. Early Steps is a language development and pre-literacy program that works with families from pregnancy up until the child enters Kindergarten. They provide services through home visiting, parent groups, and by supplying books. Each child had taken the Peabody Picture Vocabulary Test (PPVT) and the Pre-school Language Scale – 5 (PLS – 5). HOME Language and Literacy Scale test was used to determine the child's literacy and language as well as how the parent provided language stimulation at home. A parent was videotaped for 10 minutes reading a short book to their child, in Spanish. Trained, reliable team members scored the interaction of the child and parent based on the following 4 elements:

- **Parent Fluency**: Parents smoothness/fluency during videotaped session of caregiver reading a book to child.
- **Reading Intonation and/or Interaction Animation**: Parents animation during videotaped session of parent reading a book to child.
- **Comfort Level**: Parents comfort during videotaped session of parent reading a book to child.
- **Child Involvement**: Child’s involvement while the parent reads to them.

### Results

**Regression Analysis**

- in all, HOME Language Stimulation did predict PLS scores, but not PPVT.
- Only one bookreading variable, animation, predicted PLS scores, but none predicted PPVT scores.
- Animation during bookreading had a trend effect.

### Discussion

- HOME Language Literacy, as in other studies, was an important contributor to the child’s Spanish language development.
- Animation – expressive reading may have helped children engage in stories and learn the Spanish language as well as enjoy the activity more than the other children.

### References