



## Research Summary

### Completed studies

- "Sensory Processing in Children with ADD"  
Retrospective study examining sensory processing skills in typical, SI, and ADD children, using a modified version of OTA's sensory history  
Presented at MAOT, October 1996; Poster presentation NERCC, May 1997.
- "Coping Skills in Children with Sensory Integrative Dysfunction"  
Two related studies examining coping skills in typical children and children with sensory integration problems using the Coping Inventory and the Early Coping Inventory in two different age groups.  
Presented at MAOT, October 1997.
- "Relationship of Coping Skills and Sensory Processing"  
Prospective study of coping skills and sensory processing skills in children with sensory integration dysfunction. Used the OTA sensory history and Coping Inventory.  
Presented in part at MAOT, Oct. 1997; Poster presentation AOTA National Conference, April 1999.
- "Sensory Processing in Typical Adults"  
Prospective study of sensory processing in typical adults using the OTA adult sensory history.  
Presented at MAOT, November 1998.
- "The Relationship of Praxis to Avocational Skills in Children with Dyspraxia"  
Retrospective record review of praxis and avocational skills in children with dyspraxia using the SIPT and the CBC.  
Presented at MAOT, October 1999.

## Studies in Progress

- "Comparison of Coping Skills and SIPT Scores in Children with SI Dysfunction"  
The purpose of this study is to determine if there is a relationship between an objective measure of sensory processing/praxis and coping skills in children with SI dysfunction.
- "Incidence of Birth Trauma and Post-Natal Illness/Injury and Relationships to Sensory Integration Problems in School-Aged Children"  
The purpose of this study, conducted under the auspices of a collaborative grant with Dr. Lucy Jane Miller, is to examine the incidence of pre-natal and birth related problems and their relationship to sensory integrative problems within a population of children with identified sensory integration difficulties.
- "Examination of Sensory, Motor, Behavioral, and Social-Emotional Factors Related to Sensory Integrative Dysfunction"  
The purpose of this study is to examine various sensory, motor, behavioral, and social-emotional factors that may be related to sensory integrative functioning in school-aged children using tools such as the SIPT, CBC, Leiter, and the Sensory Profile. Parental factors are also examined with the Parent Sense of Competence Scale and the Alabama Parenting Questionnaire.  
Jacob Ham, a developmental psychology doctoral student from the University of Massachusetts, is utilizing a portion of this data to examine the relationship between parenting factors, children's conduct behaviors, and sensory integration profile.