



The Woodcock-Muñoz Foundation

# RESEARCH BRIEF

## MASTER'S THESIS ABSTRACT

### PLANNING AND RECONSTITUTION IN CHILDREN DIAGNOSED WITH ATTENTION DEFICIT HYPERACTIVITY DISORDER (AD/HD)

Laurie K. Harrier  
*Texas Woman's University*

The Woodcock-Muñoz Foundation (WMF) is a private non-profit operating foundation that supports the advancement of contemporary cognitive assessment practices. The Doctoral Dissertation Abstract Project is part of the Foundation's efforts to disseminate research findings that bridge the theory-to-practice gap in cognitive assessment.

Harrier, L. K. (2003). *Planning and reconstitution in children diagnosed with attention deficit hyperactivity disorder (AD/HD)*. Retrieved from ProQuest UMI Dissertation Publishing (UMI Microform 1413508).

## **Abstract**

This study investigated the difference between children without Attention Deficit Hyperactivity Disorder (ADHD) and children diagnosed with ADHD on various planning tasks and reasoning tasks used in traditional intelligence test batteries. 177 children were administered the WISC III Mazes, Elithorn Mazes from WISC-III-PI, Planning, Concept Formation, and Analysis Synthesis from the WJ-III Tests of Cognitive Abilities. Data were initially analyzed by a two group MANCOVA with IQ as the covariate. Then data were further analyzed through subsequent MANCOVAs. Children diagnosed with ADHD scored significantly lower on all measures except Planning when compared to children without ADHD. In addition, children with ADHD, regardless of medication, scored lower on Concept Formation, a higher abstract reasoning task, than children without ADHD. Lastly, children with the inattentive type of ADHD and the combined type of ADHD scored lower on Concept Formation. On a two-group discriminant function, these five measures were able to correctly predict 68.9% of the subjects' group membership.

© Copyright 2003 ProQuest

A complete copy of the original thesis can be obtained by contacting ProQuest Information and Learning Company, 300 North Zeeb Road, P. O. Box 1346, Ann Arbor, MI 48106.