(I) Specific Aims

Specific Aim #1: To test for ethnic differences in the internal validity of DSM-IV ADHD.

In order to better understand ethnic differences in the manifestation of the disorder, the internal validity of symptoms dimensions and DSM-IV subtypes will be compared in two community samples of African American (AA) and Caucasian American (CA) subjects.

Specific Aim #2: To test for ethnic differences in the external correlates of DSM-IV ADHD.

2a: The current study will assess functional impairment, academic achievement, and comorbidities with other psychiatric disorders across ethnic groups. If there are prevalence differences between DSM-IV subtypes across groups, the current study will determine whether those differences are meaningful in terms of functional impairment.

2b: This study will also test for ethnic differences in the neuropsychological profiles of children with ADHD. We will compare the performance of participants by group on measures of behavioral inhibition, sustained attention and vigilance, working memory, processing speed, and delay aversion to determine whether the same deficits exist, in the same proportions, in an AA sample as in a CA sample.