Barkley Model of ADHD

**Behavioral Inhibition**
- Inhibit prepotent response
- Interrupt an ongoing response
- Interference control

**Working Memory (nonverbal)**
- Holding events in mind
- Manipulating or acting on the events
- Initiation of complex behavior sequence
- Retrospective function (hindsight)
- Prosepective function (foresight)
- Anticipatory set
- Self-Awareness
- Nonverbal rule-governed behavior
- Cross-temporal organization of behavior

**Internalization of speech (verbal working memory)**
- Description and reflection
- Self-questioning/problem solving
- Rule-governed behavior (instruction)
- Generation of rules and meta-rules
- Reading comprehension
- Moral reasoning

**Self-regulation of affect/motivation/arousal**
- Self-regulation of affect
- Objectivity/social perspective taking
- Self-regulation of motivation
- Self-regulation of arousal in the service of goal-directed action

**Reconstitution**
- Analysis and synthesis of behavior
- Verbal fluency/behavioral fluency
- Rule creativity
- Goal-directed behavioral creativity and diversity
- Behavioral simulations
- Syntax of behavior

**Motor control/fluency/syntax**
- Inhibition of task-irrelevant responses
- Execution of goal-directed responses
- Execution of novel/complex motor sequences
- Goal-directed persistence
- Sensitivity to response feedback
- Behavioral flexibility
- Task re-engagement following disruption
- Control of behavior by internally represented information