Communication performance of children with cochlear implants is highly variable

- Child and family characteristics
- Deafness characteristics
- Reliance on spoken language
- Executive functioning

Communication performance of children with cochlear implants in elementary school predicts performance in high school

- During elementary school, adults execute the planning
- During adolescence and adulthood, CI users must plan each day to accomplish activities
- Learn to prioritize
- Learn to stick with a task to completion
- Learn to organize
- Learn to do more than one thing at a time

Executive functions are associated with attention, inhibitory control, memory, flexibility and planning contribute to executive function

- Working memory and recall
- Activation, arousal and effort
- Emotional control
- Language internalization
• Deconstructing and constructing ideas for problem solving

**Encouraging executive functions**

• Initiate
• Inhibit
• Shift
• Plan
• Organize
• Self-monitor
• Emotional Control


**Cogmed Working Memory Training.** A computer-based training program for children and adolescents with poor working memory and or attention deficits.


**Study Strategies.** A resource book for students in grades 6 through 12 that includes activities and exercises that focus on improving organizational skills, time management, reading comprehension, vocabulary development, communication, how to study for tests effectively, and memorization skills. Davis, L., & Sirotowitz, S. (1997). *Study strategies made easy.* Plantation, FL: Specialty Press.