



## Evaluation and Treatment of Adults with Traumatic Brain Injury: Current State of the Art and the Science

**Course Description:** This 3-hour session will focus on evidence-supported evaluation and treatment of adults with traumatic brain injury (TBI). Particular emphasis will be placed on attention, memory, and executive functions. The potential for behavioral therapy-facilitated post-injury neuroplasticity will be discussed.

### Learning Outcomes

Participants will be able to:

1. Identify standardized and non-standardized ways to evaluate cognitive-communicative impairments in adults with TBI.
2. Apply principles of neuroplasticity to speech-language pathology intervention.
3. Discuss therapy goals and techniques targeting cognitive-communication impairments post-TBI.

### Agenda

- 1:30-2:15: Attention, Memory, and Executive Function Processes
- 2:15-2:45: The Speech-Language Pathologist's Evaluation of Adults with TBI
- 2:45-3:00: Principles of Neuroplasticity
- 3:00-3:15: Break
- 3:15-4:15: The Speech-Language Pathologist's Treatment of Adults with TBI
- 4:15-4:45: Audience-generated Case Study Brainstorming and Discussion

**Speaker:** Therese M. O'Neil-Pirozzi, is an associate professor of speech-language pathology at Northeastern University in Boston and is Associate Project Director of the Spaulding/Harvard TBI Model System at Spaulding Rehabilitation Hospital. Dr. O'Neil-Pirozzi's clinical and research work focuses on evaluation and treatment of neurologically impaired individuals, use of neuromodulation to improve cognitive-communicative function, and care for family caregivers.

#### Disclosure:

Financial: Dr. O'Neil-Pirozzi was paid a speaker fee by the Vermont Speech Language Hearing Association (VSHA) for this presentation.

Non-Financial: None.