**SIMPLIFIED BRAIN-BEHAVIOR RELATIONSHIPS**

**FRONTAL LOBE**
- Initiation
- Problem-Solving
- Judgment
- Inhibition of Behavior
- Planning/Anticipation
- Self Monitoring
- Motor Planning
- Personality/Emotions
- Awareness of Abilities/Limitations
- Organization
- Attention/Concentration
- Mental Flexibility
- Speaking (Expressive Language)

**OCCIPITAL LOBE**
- Vision

**PARIETAL LOBE**
- Sense of Touch
- Differentiation: Size, Shape, Color
- Spatial Perception
- Visual Perception

**TEMPORAL LOBE**
- Memory
- Hearing
- Understanding Language (receptive language)
- Organization/Sequencing

**CEREBELLUM**
- Balance
- Coordination
- Skilled Motor Activity

**BRAIN STEM**
- Breathing
- Heart Rate
- Arousal/Consciousness
- Sleep/Wake Functions
- Attention/Concentration

**Project STAR at Carolinas Rehabilitation**