AUDITORY PROCESSING STRATEGIES LAB
LNSK331G
M-TH 2:30-3:50 PM

WHAT IS SONIC NEUROTECHNOLOGY?

What we have learned about listening difficulties (the ability to accurately perceive, process and respond to sounds) is that they are often part of other perceptual, motor, attention and learning difficulties, and sonic neurotechnology programs help to address these issues. They combine the therapeutic benefits of music with sophisticated sound technology and consist of equipment and materials that have been designed to produce special effects on listening skills following a prescribed program.

The two smallest muscles in the body are located in the middle ear. Their job is to discriminate and filter sound. These muscles are weak in people with auditory processing difficulties; thus, they are not efficient in doing their job. Sonic neurotechnology stimulates and exercises these muscles, training them to discriminate and filter sound in an efficient manner.

Music is a highly organized series of sounds that the ear has to analyze. Therefore, listening to music is an excellent way for an individual to learn how to perceive sounds in an organized fashion, or in other words, to listen.

WHO BENEFITS FROM SONIC NEUROTECHNOLOGY?

Sonic neurotechnology has been found to be effective in helping people with one or more of the following:

Dyslexia or learning difficulties
Poor organizational skills
Hyperactivity
Speech problems and / or language delays
Motor, coordination / balance problems
Depression, anxiety or stress
Slow processing speed
Distraction and / or impulsivity
Hypersensitivity to sound
Poor spatial awareness
Poor motivation and / or self-esteem
Comprehension and memory problems

POSSIBLE BENEFITS OF SONIC NEUROTECHNOLOGY REPORTED BY FORMER STUDENTS

More tolerant of others	Anger reduced
Comprehension developed	Increase in creativity
Attention focus developed	Improved visual memory
Increase in motivation and energy	Increase in listening skills
Stronger auditory memory	Auditory sensitivity reduced
Confidence developed	Goal-direction clarified
Dyslexic profile improved	Centered feeling identified
Patience improved	Response speed increased
Improved spelling skills	Improved reading skills

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