



The Tactile Communication and Neurorehabilitation Laboratory (TCNL) aims to develop solutions for neural-based sensory and motor disorders. We use the experience of many different areas of science to study the theory and develop methods of cranial nerve non-invasive neuromodulation as a means of *applied neuroplasticity*, the brain's ability to reorganize function in response to new information, needs, and pathways. We currently have two active studies, one for people who have chronic mild to moderate traumatic brain injury; and a pilot study to improve physical function in people with advanced multiple sclerosis.

Practicum students participate in all aspects of clinical trials research. Mainly, they participate in and document the physical therapy interventions performed in the lab. Duties may include: Videotaping testing; assembling test forms; entering and verifying data; assisting subjects during training and testing; researching symptom management; equipment and lab cleaning; assembling exercise assignment sheets and photographing exercises.

**Where:** 455 Science Drive (in Research Park). Approximately 10 minute drive from campus, free parking.

**Buses:** Near West Transfer Point. Easily accessible from #6, #11. Also near #2, #3, #28 (some)

**When:** Flexible within office work hours, mornings best. We cannot schedule more than one student at the same time.

**Training/certification required:** online HIPAA training, protocol specific training, good clinical practices training (all will be provided and can be completed as part of weekly hours)