

CTSA Program KL2 Scholar in the News:

Understanding and enhancing language recovery after stroke:

- Advanced brain imaging studies explain the brain basis of specific deficits and recovery after stroke
 - Lesion mapping to determine relationship between stroke location and deficit pattern
 - Structural, functional, and diffusion MRI to determine how spared brain networks contribute to recovery
- We have translated these findings to ongoing noninvasive neuromodulation treatment studies to improve language recovery



“Understanding the organization and plasticity of language networks in the brain may lead to better treatments for the 2 million Americans living with aphasia.”

- Peter Turkeltaub, MD, PhD

