



The Hearing Center of Excellence involves the study of tinnitus.

Auditory Injuries

IDENTIFYING SUBGROUPS OF TINNITUS USING NOVEL RESTING STATE FMRI BIOMARKERS AND CLUSTER EXPLORATION

COL (RET.) CARLOS ESQUIVEL, MD, CHIEF MEDICAL OFFICER, DEPARTMENT OF DEFENSE HEARING CENTER OF EXCELLENCE

Wilford Hall Ambulatory Surgical Center

In collaboration with the University of Illinois at Urbana-Champaign (UIUC), Dr. Esquivel's recent work at Wilford Hall Ambulatory Surgical Center involves the study of tinnitus which is described as internal sound (humming, ringing, buzzing, etc.) that is heard in the head or ears. This research program, led by Dr. Fatima Husain from UIUC, aims to better understand neural correlates of tinnitus severity, such as those involving attention, auditory, and emotion processing neural networks, and thereby identify subgroups that differ in a systematic fashion within the larger heterogeneous population.