

# *Congratulations*

## **Svetlana Pundik, MD, MSc**

### VA RR&D Merit Review



The Cleveland FES Center congratulates Svetlana Pundik, MD, MSc on receiving a VA RR&D Merit Review for her project entitled, "Transcranial Direct Current Stimulation for Post-Stroke Gait Rehab."

Current rehabilitation methods fail to restore normal gait for many stroke survivors leading to dependence on others, recurrent falls, limitations in community ambulation and poor quality of life. The main objective of this study is to test both efficacy and neurophysiological mechanisms of a novel approach to treat persistent gait deficits after stroke with a combination of simultaneous non-invasive brain stimulation with transcranial Direct Current Stimulation (tDCS) and gait training in the treadmill-based Virtual Reality environment.

---

#### **About the FES Center**

The Cleveland FES Center is a consortium of the Louis Stokes Cleveland VA Medical Center, MetroHealth Medical Center, Case Western Reserve University, University Hospitals, and the Cleveland Clinic Neurological Institute. With their support, researchers, engineers and clinicians collaborate together to develop innovative solutions that improve the quality of life of individuals with neurological or other muscular skeletal impairments. Through the use of neurostimulation and neuromodulation research and applications, the Cleveland FES Center leads the translation of this technology into clinical deployment.