

CONGRATULATIONS DENNIS BOURBEAU, PHD RECEIVES GRANT AWARD



The Cleveland FES Center congratulates, Dennis Bourbeau, PhD receiving a grant award from VA RR&D "Afferent Stimulation to Evoke Recto-colonic Reflex for Colonic Motility"

Following spinal cord injury, the colon is unable to evacuate stools, severely impacting health and quality of life. This work will provide new insights for the development of a sensory afferent stimulation-based neuroprosthetic device to restore bowel function following spinal cord injury. This research is integrated with Dennis Bourbeau's career development plan with the goal of training to become a leading investigator, focusing on rehabilitative therapies for loss of pelvic functions through sensory stimulation.

The five year project received an award of \$807,749

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, and University Hospitals. 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.