

CONGRATULATIONS MICHAEL FU, PHD AND JAYME KNUTSON, PHD

NEW ENGLAND
PEDIATRIC DEVICE CONSORTIUM
2016 TARGET CHALLENGE GRANT



New England Pediatric Device Consortium (NEPDC) and TREAT Award \$150K to Medical Device Innovators

Michael Fu, PhD and Jayme Knutson, PhD are one of four proposals awarded the 2016 Target Challenge grant competition held by the New England Pediatric Device Consortium (NEPDC), Center for Translation of Rehabilitation of Engineering Advances and Technology (TREAT), Pediatric Orthopaedic Society of North America (POSNA), and the Foundation for Physical Therapy. Innovators addressing the unmet need for medical devices used in pediatric rehabilitation were awarded funding and assistance.

Congratulations to Dr. Fu and Dr. Knutson on their proposal to commercialize an electrical stimulation-assisted video game hand therapy to gain motor function in hemiplegia caused by cerebral palsy. The purpose of this commercialization project is to utilize NEPDC's pediatric medical device commercialization expertise and resources to develop deployment strategies.

NEPDC was formed three years ago as a multidisciplinary consortium with a goal to help inventors accelerate the commercialization of pediatric medical devices through the FDA's Pediatric Device Consortia program.

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.