

# CONGRATULATIONS HUNTER PECKHAM, PHD

CASE WESTERN RESERVE UNIVERSITY'S  
"MEDAL FOR HEALTH  
SCIENCE INNOVATION"  
RECIPIENT FOR 2015



Please join the Cleveland FES Center congratulating P. Hunter Peckham, PhD, for presentation of the 2015 Case Western Reserve Medal for Health Science Innovation, the School of Medicine's highest honor, for his efforts in advancing research, education and care in extraordinary ways.

As the Donnell Institute Professor of Biomedical Engineering and Orthopaedics and founder of the Institute for Functional Restoration at Case Western Reserve University, Dr. Peckham's research focuses on functional restoration of paralyzed upper extremities in individuals with spinal cord injury. He and collaborators have developed three generations of implantable neural prostheses, which utilize electrical stimulation to control neuromuscular activation. Called Functional Electrical Stimulation (FES), this technology can be used for exercise, muscle conditioning, retraining and more.

Thanks to Dr. Peckham's groundbreaking research, paralyzed patients have renewed hope for movement, physical control and function thought to be impossible just a decade ago.

## 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.