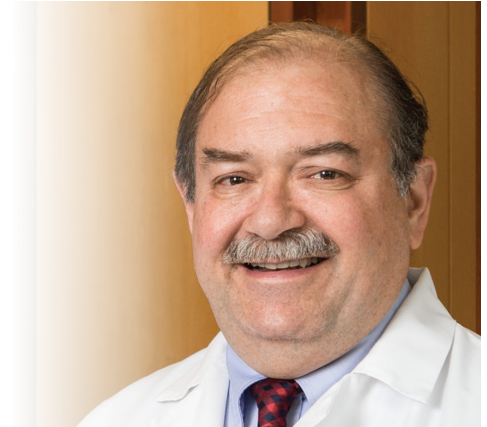


# CONGRATULATIONS KINGMAN STROHL, MD RECEIVES NIH SPARC AWARD



The Cleveland FES Center congratulates, Kingman Strohl, MD awarded first round funding from the NIH Common Fund's Stimulating Peripheral Activity to Relieve Conditions (SPARC) program for the opportunity titled, Exploratory Technologies to Understand the Control of Organ Function by the Peripheral Nervous System for SPARC. Dr. Strohl's project will serve as a resource for studying basic mechanisms of respiratory control and upper airway physiology in health and Obstructive Sleep Apnea.

SPARC aims to change the culture of neuromodulation research by promoting the systematic development of high resolution neural circuit maps to better inform the development of next generation neuromodulation devices – devices that can control nerve activity – and to demonstrate the use of these tools in the development of new therapeutic strategies. The program will catalyze the broader scientific community's development of more effective and minimally invasive neuromodulation therapies to be employed with few or no unwanted side-effects.

Successful applicants for the current round of awards assembled interdisciplinary teams comprised of experts in anatomical and functional mapping of innervation in animal models, surgeons who routinely access the nerves for each organ system, technologists with expertise in multiple academic technologies, and translational engineers. The funded projects are expected to lay the groundwork for more systematic facilitation of biological mapping activities in forthcoming SPARC initiatives.

[Read more about Dr. Strohl's project proposal here.](#)

## 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.