

Graduate Research Day

Friday, February 2nd, 2018



Nathalie Nuñez, MS

MDR/Vigilance Manager

Medtronic

Mechanical Circulatory Support

**"Everything you wanted to know about
Corporate + Quality"**



Monica Perez, Ph.D.

Associate Professor, Department of

Neurological Surgery

University of Miami

**"Neural Control of Grasping After
Spinal Cord Injury"**

Presented by:

Wallace H. Coulter Biomedical Engineering Distinguished Lecture Series

FIU Department of Biomedical Engineering

Florida International University, Engineering Center 2300
10555 W Flagler Street, Miami, FL 33174

About the Keynote Speakers:

Nathalie Nunez

Nathalie Nunez is an innovative leader in the medical device industry. As a University of Miami Biomedical Engineering BS/MS graduate she has successfully navigate through the corporate world. Through her career she has grown from intern to manager in her seven years with Medtronic HeartWare. During her tenure she has serviced patients from around the country, publish original research and even helped establish the internship program for legacy HeartWare. As MDR/Vigilance Manager she now leads the complaint handling team for Medtronic's Mechanical Circulatory Support Business Unit. Her background spans the areas of research and development, quality and compliance. She strives to be a change catalyst and wished to empower recent college grads reach their full career potential.

Monica Perez, Ph.D.

Monica A. Perez is an Associate Professor at the Department of Neurological Surgery and The Miami Project to Cure Paralysis at the University of Miami. She received her Ph.D. in physical therapy from the University of Miami School of Medicine in 2003. She completed postdoctoral fellowships at the University of Copenhagen (2003-2005) and at the National Institute of Neurological Disorders and Stroke (2005-2008). Dr. Perez' research interests focus on understanding how the brain and spinal cord control voluntary movements in healthy humans and in individuals with spinal cord injury. This theme is mainly investigated from a neurophysiological point of view, using a combination of transcranial magnetic stimulation (TMS) and peripheral nerve stimulation techniques. Single and paired-pulse TMS and spinal cord reflex protocols are used to examine and maximize transmission in residual motor pathways in humans with spinal cord injury.

Program:

10:00 AM	Seminar: Nathalie Nunez (EC 2300)
12:00 PM	Graduate Student Poster Presentation (Panther Pit)
4:00 PM	Seminar: Monica Perez, Ph.D. (EC 2300)
5:30 PM	Award Ceremony (EC 2300)