

2024 Schedule

January 17
February 14
March 20
April 17
May 22 - RI Day
June 12
July 17
August 21
September 18
October 16
November 13
December 11

**Panther Rehab Rounds
Grand Rounds Lecture Series**

"Intuitive Control of Bionic Limbs"

Presented by: Levi J. Hargrove, PhD, P.Eng, MScE

January 17, 2024

7:00am

Virtual - Microsoft Teams

Levi J. Hargrove, PhD, P.Eng, received his MScE and PhD in Electrical Engineering from the University of New Brunswick (2005, 2008). He is currently the Director and Scientific Chair of Center for Bionic Medicine at the Shirley Ryan AbilityLab and an Associate Professor in the Departments of Physical Medicine & Rehabilitation and the McCormick School of Engineering at Northwestern University. His research interests include signal processing, pattern recognition, and control of bionic limbs. A major goal of his research is to develop clinically realizable myoelectric control systems that can be made available to persons with limb loss in the near future. In 2012, Dr. Hargrove co-founded Coapt, a company to commercialize control algorithms for prosthetics and orthotics. His research addresses all levels of amputation and has been published in the Journal of the American Medical Association and the New England Journal of Medicine and has resulted in multiple patents. Key projects include the development of advanced and adaptive control systems for prosthetic legs, improving control of robotic hand prostheses, and intramuscular EMG signal processing.



We welcome anyone interested to attend Panther Rehab Rounds. For information, or if you have special needs, contact Jessa Darwin (jcd79@pitt.edu), Dept. of PM&R.

The University of Pittsburgh School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to sponsor continuing education for physicians. The University of Pittsburgh School of Medicine designates this educational activity for a maximum of one (1) category 1 credit toward the AMA Physician's Recognition Award. Each physician should claim only those credits that they actually spent in the educational activity.