ABSTRACT
Dr. Borrelli’s main research interests include balance control, fall risk, and gait analysis. In this talk he will give an overview of some of his previous and ongoing work. Topics will include orthotic design/evaluation, assessment of reactive balance in ABI and stroke populations, characterization of arm reactions and stepping reactions evoked by an unpredictable loss of balance (in younger and older adults and total knee arthroplasty), and a case study of the effect of anterior cruciate ligament reconstruction on gait six months following surgery.

BIO
Dr. Borrelli received his PhD under Dr. Henry Haslach Jr. He worked as a postdoctoral fellow with Dr. Brian Maki at the Toronto Rehabilitation Institute, Dr. Eric Greska at University of West Florida, and currently works with Dr. Mark Rogers at the University of Maryland School of Medicine where he holds a NIH funded University of Maryland Advanced Neuromotor Rehabilitation Research Training (UMANRRT) Post-Doctoral Fellowship.