



April - June 2017



Seattle Institute for Biomedical and Clinical Research Spotlight Feature

DAVID MORGENROTH, MD



David Morgenroth, MD, is a Staff Physician and investigator in the RR&D Center for Limb Loss and Mobility at VA Puget Sound Health Care System. He is also an Assistant Professor in the Department of Rehabilitation Medicine at the University of Washington.

Dr. Morgenroth studied gait biomechanics at UC Berkeley as an undergraduate before receiving his MD from the State University of New York, Brooklyn; his post-graduate training was in Internal Medicine at Brown University followed by a residency in Rehabilitation Medicine at the University of Washington where he received the Outstanding Resident Award in 2007. After residency training, he was awarded a National Institutes of Health K12 grant which funded a three-year research fellowship focused on amputee gait biomechanics under the mentorship of Dr. Joseph Czerniecki.

Dr. Morgenroth's research aims to answer clinically important questions grounded in his experience leading multidisciplinary amputee rehabilitation clinics. A major focus is on applying principles of biomechanics and prosthetic engineering toward improving the functional quality of life of individuals with lower extremity amputation. This includes studies related to the prevention and treatment of common secondary disabilities such as low back pain and knee osteoarthritis in the amputee population. He recently completed a VA Career Development Award studying the effect of prosthetic foot stiffness on intact limb loading associated with knee osteoarthritis in lower limb amputees.

Dr. Morgenroth is currently Principal Investigator on a Department of Defense funded multi-site project administered by SIBCR entitled "A Prosthetic Foot Emulator to Optimize Prescription of Prosthetic Feet in Veterans and Service Members with Leg Amputations". This study aims to establish a patient centered test-drive strategy for the prescription of prosthetic feet for veterans and service members with lower limb amputation.

RESEARCH SEMINARS

Location: Building 1, Room 240 at Noon

May 16th - John Neumaier, MD, PhD, Professor and Director, Division of Neuroscience in the Department of Psychiatry and Behavioral Sciences, University of Washington, will present "5-HT₆ Receptors: Location, Location, Location"

July 24th - Peter Rabinovitch, MD, PhD, Professor and Vice Chair of Research and Director, Flow Cytometry Laboratory, Department of Pathology, University of Washington, will present "Interventions to reverse cardiac aging - insights derived from basic aging research"

HR NEWS

Employee Appreciation - Thursday, May 18, 2017 at 10 am in building 1 rooms 240/236b. Please come celebrate with your colleagues!

Annual Members Meeting – Monday, June 5, 2017 at 4 pm in building 1 rooms 240/236b.