Skeletal Muscle Pericytes for the Treatment of Peripheral Artery Disease
Kate LaBarbera, MS, Department of Kinesiology, UMASS, Amherst

The Spring’s the Thing: How Tissue Elasticity Determines Muscle Function in Movement
Tom Roberts, PhD, Brown University, Providence, Rhode Island *
Host: Brian Umberger

The Effects of Mechanical Loading on Bone Metastatic Breast Cancer
Maureen Lynch, PhD, Department of Mechanical and Industrial Engineering, UMASS, Amherst
Host: Katherine Boyer

Perceptual Thresholds Can Help Assay Vestibular Function and May Help Isolate Vestibular Deficits: Basic and Translational Studies
Dan Merfield, PhD, Jenks Vestibular Physiology Laboratory, Harvard Medical School, Boston, MA
Host: Julia Choi

Accelerometer-Based Activity Monitoring: It is Not as Simple as Possible, But it Can be Simpler
Jeffer Sasaki, PhD,
Host: Catrine Tudor-Locke

Be Persistent: Exploring the Fractal-Like Nature of Perturbed Human Gait
Scott Ducharme, MS, Department of Kinesiology, University of Massachusetts Amherst

Identification of Balance Control Deficits Following Sport-Related Concussion
David Howell, PhD, Division of Sports Medicine, Department of Orthopaedics, Boston Children’s Hospital, Boston, MA
Host: Joseph Hamill

Exercise, Arterial Stiffness and the Aging Brain
Kevin Heffernan, PhD, Department of Exercise Science, Syracuse University
Host: Sarah Witkowski

Extreme Endurance Exercise (Migration) in Birds
Alex Gerson, PhD, Department of Biology, University of Massachusetts Amherst
Host: Mark Miller

Associations Between Physical Activity, Media Use and Sleep Levels in African American Girls
Cory Greever, MS, Department of Kinesiology, UMASS, Amherst

Obstacle Negotiation in Complex Visual Environments
Luis Rosado, MS, Department of Kinesiology, University of Massachusetts Amherst

Activity as a Strategy for Improving Symptom Management & Quality of Life During Cancer and Chronic Illness
Rachel Walker, PhD, College of Nursing, University of Massachusetts Amherst
Host: Catrine Tudor-Locke

Use of Magnetic Resonance Spectroscopy to Measure Mitochondrial Function in Vivo
Jane Kent, PhD, Department of Kinesiology, University of Massachusetts Amherst

* Extended Exchange speaker; check with host to schedule meetings

Location: Totman Building 153  Time: 1:25-2:15