The Kinesiology/Center for Personalized Health Monitoring Graduate Seminar – Fall 2016

Mondays 1:25 – 2:15 pm, Life Sciences Laboratory, room S340
Refreshments at 1:10 pm

9/12/16: Patty S. Freedson, Ph.D., Professor – Kinesiology Department, UMASS, Amherst. **Introduction.** Gayatri Guhanarayan, MS., Lecturer, Department of Kinesiology, UMASS, Amherst.

9/19/16: Sunghoon Ivan Lee, Ph.D., Assistant Professor, College of Computer and Information Science, UMASS, Amherst. **The Use of Wearable Sensors and Systems in Rehabilitation Medicine.**
Host: Patty Freedson

Host: Katherine Boyer

10/03/16: Charles Hillman, Ph.D., Professor, Department of Psychology, Northeastern University. **The Relation of Markers of Childhood Health to Brain and Cognition.**
Host: Sofiya Alhassan

10/11/16 (Tuesday): Ho Han, Ph.D., and Elroy Aguiar, Ph.D., Postdoctoral Research Associates Department of Kinesiology, UMASS, Amherst. **Exploring the Relationships between Step-Based Metrics and Metabolic Outcomes.**
Host: Catrine Tudor-Locke

10/17/16: Albert Mendoza, M.S., Doctoral Student, Dept. of Kinesiology, UMASS, Amherst. **Detection of Change in Wearable Sensor Estimated Energy Expenditure and Steps in Free-Living Settings.**
Host: Patty Freedson

10/24/16: Tim Tourville, Ph.D., ATC, Professor, Department of Rehabilitation and Movement Science, University of Vermont. **Identification of Potential Therapeutic Targets for the Treatment of Post-Traumatic Osteoarthritis of the Knee.**
Host: Katherine Boyer

10/31/16: Chris Palmer, Ph.D., Survival Systems Portfolio Lead, Naval Special Warfare Command. **Physical Activity from First Principles: A Homeokinetic Approach.**
Host: Richard Van Emmerik

11/07/16: Beth Taylor, Ph.D., Associate Professor, Department of Kinesiology, University of Connecticut. **Statin Therapy: Prescription for Good Health or Recipe for Aching Muscles?**
Host: Sarah Witkowski

11/14/16: Brittany Masteller, M.S., Doctoral Student in the Dept. of Kinesiology, UMASS, Amherst. **Feasibility and Efficacy of a Movement Training Program on Fitness and Activity Profile in Elementary School Students.**
Host: John Sirard

11/28/16: Thomas Longyear, M.S., Doctoral Student, Dept. of Kinesiology, UMASS, Amherst. **Actin and Myosin Get It On: Using the Laser Trap Assay to Examine Regulation.**
Host: Edward Debold

12/05/16: Liam Fitzgerald, M.S., Doctoral Student, Department of Kinesiology, UMASS, Amherst. **Heterogeneity of In Vivo Muscle Oxidative Capacity in Aging Humans.**
Host: Jane Kent

12/12/16: Laurie Goodyear, Ph.D., Senior Investigator, Head of the Integrative Physiology and Metabolism Joslin Diabetes Center, Associate Professor of Medicine, Harvard School of Medicine. **Healthy Adipose Tissue: New Insights into Mechanisms Underlying the Beneficial Effects of Exercise on Metabolism.**
Host: Jane Kent

**Thanksgiving Break**