

HHP RESEARCH SYMPOSIUM **OCTOBER 21, 2014**9 a.m.-3 p.m. | Rockwell Pavilion | *Please enter & leave only between sessions.*

9-10 Session	Laboratory of Integrated Physiology	Dr. Thomas Lowder - Introduction
9-9:25	Dr. Jong-Hee Kim	Age & non-weight bearing-induced muscle dysfunction: mechanisms and interventions
9:25-9:50	Dr. Richard Simpson	Enhancing viral & tumor specific immunity with exercise
10-11 Session	Exercise and Cell-Mediated Immunity	Dr. Thomas Lowder - Introduction
10-10:25	Dr. Guillaume Spielman	The impact of long duration space flight (6 months) on the innate immune system
10:25-10:40	Hawley Kunz	Enhancing adenovirus-specific immunity with exercise
10:40-10:55	Nadia Agha	Stem cell mobilization during & after exercise
11-11:30 Awards at 11:50	Elevator Speech Contest (90 seconds each)	Nate Parker, Nadia Agha, Allen Hallett <i>Judges:</i> Drs. Steven Craig, J. Leigh Leasure, Mary Ann Ottinger
11-11:50 Session	Poster Presentations	Moderator: Dr. Thomas Lowder -
11:40 poster presenters will give a 90 second overview	Dr. Hernandez' students: Shelley Temple, Denny Dao, Yanely Alonso, Victoria Rios Dr. Lowder's students: Jessica Silva, Parisa Abadi, Laura Record, Ramon Sabillon Faculty: Dr. Demetrius Pearson	
12-1 Session	Exercise and Lymphangi-oleiomyomatosis	Dr. Thomas Lowder - Introduction
12-12:25	Dr. Thomas Lowder	Exercise enhances pulmonary function & bone mineral density in women with lymphangioliomyomatosis (LAM)
12:25-12:40	Chelsea Fowler	Can exercise improve sleep quality in patients with lymphangioliomyomatosis (LAM)?
12:40-12:55	Lauren Hood	TSC-encoded genes in LAM--can exercise alter genetics?
1-2 Session	Sport Marketing	Dr. Thomas Lowder - Introduction
1-1:25	Dr. Don Lee	Co-branding practice in sports
1:25-1:50	Dr. David Walsh	Sport as a resource caravan: Examining the role & efficacy of sport as a resource provider for adults in transition
1:40-1:55	Lyle Babcock	The molecular regulation of unloading induced, fiber-type specific muscle atrophy
2-3:15 Session	Exercise & Cardiac Function	Dr. Thomas Lowder - Introduction
2:05-2:25	Dr. Yoonjung Park	Role of physical activity & exercise in metabolic disorder-induced vascular
2:25-2:40	Priti Gupta	Vascular Adaptation in eye & brain during space
2:40-2:55	Junyoung Hong	Effect of exercise on neurovascular dysfunction in Alzheimer's disease
2:55-3:10	Jonghae Lee	What is the mechanism for vascular adaptation to metabolic disorder and exercise?

HHP RESEARCH SYMPOSIUM **October 22, 2014**9 a.m.-3 p.m. | Rockwell Pavilion | *Please enter & leave only between sessions.*

9-10 Session	CNBR	Dr. Yoonjung Park - Introduction
9-9:25	Dr. Beom-Chan Lee	Wearable motion guidance system through vibrotactile biofeedback for balance training
9:25-9:40	Recep Ali Ozdemir	Cortical control of human upright stance
9:40-9:55	Amber Chelette	Factors that may influence human responses to tendon vibration
10-11 Session	CNBR	Dr. Yoonjung Park - Introduction
10-10:25	Dr. Stacey Gorniak	Kinetic analysis in movement disorders
10:25-10:40	Hao Meng	Effects of adiposity on postural stability in overweight & obese adults
10:40-10:55	Stefan Madansingh	Do head mounted wearable devices, such as Google Glass, put us at risk during ambulation?
11-12 Session	CNBR	Dr. Yoonjung Park - Introduction
11-11:25	Dr. Adam Thrasher	Muscle activation signals during gait in Parkinson's Disease are more rhythmic than normal
11:25-11:35	Raul Amador	The effects of reduced sensation & altered proprioception on ground reaction forces during gait
11:35-11:55	Craig Workman	Validity & reliability of two reachable workspace protocols
12-1 Session	Nutrition	Dr. Yoonjung Park - Introduction
12-12:25	Dr. Tracey Ledoux	Obesity prevention in the early family unit
12:25-12:40	Stephanie Silveira	HAWDS: Psychological health in competitive wheelchair rugby athletes
12:40-1	Nate Parker	Do neighborhood physical activity resources & land use influence physical activity among public housing residents?
1-2 Session	Health Disparities	Dr. Yoonjung Park - Introduction
1-1:25	Dr. Daphne Hernandez	Health disparities research
1:25-1:50	Dr. Melissa Markofski	Exercise & dietary protein to reduce chronic disease risk
1:50-2:15	Dr. Laura Kabiri	Reliability, validity, & diagnostic value of a pediatric bioelectrical impedance analysis scale
2:30-3:30 Session	Epidemiology	Dr. Yoonjung Park - Introduction
2:30-2:55	Dr. Dan O'Connor	Energy balance & weight change: not all pounds are equal
2:50-3:05	Allen Hallett	Junk food & kids: Development of the Policy Indicator Checklist to review policies for calorie-dense foods & sugar sweetened beverages across multiple settings
3:05-3:30	Dr. Mitzi Laughlin	Risk factors for shoulder injuries & surgical outcomes