THURSDAY, February 18, 2016

12:00-2:00  SEACSM EXECUTIVE BOARD MEETING (Boardroom)
1:00-6:00  REGISTRATION (Prefunctory Area)
2:00-3:30  Audiovisual Team Meeting (Crepe Myrtle)
3:00-3:45  Catch the Stars Foundation (Redbud)
4:00-6:30  EXHIBITS (Prefunctory Area)
4:00-6:00  ORAL FREE COMMUNICATIONS I (Ballroom F)
O1-07  Fitness, Testing, and Assessment
Chair: Wendi Weimar, Ph.D., Auburn University

O1  4:00  GAIT ASSESSMENTS DURING DUAL-TASK WALKING IN CONCUSSED ATHLETES
K. Ake¹, N. D’Amico¹, K. Grimes¹, M. Mormile¹, D. Powell², T. Buckley³, and N.G. Murray¹.
¹School of Health & Kinesiology, Georgia Southern University, Statesboro, GA; ²Dept. of
Physical Therapy, Campbell University, Buies Creek, NC; ³Dept. of Kinesiology and Applied
Physiology, University of Delaware, Newark, DE

O2  4:15  REPETITIVE HEAD IMPACTS INFLUENCE ON THE POSTURAL CONTROL SYSTEM
DURING THE COURSE OF A SINGLE ATHLETIC SEASON
N.G. Murray¹, E.D. Shiflett¹, B.A Munkasy¹, K. Grimes³, K.M. Ake¹, N.R. D’Amico¹, M.E.
Mormile¹, D. Powell², and T.A. Buckley³. ¹School of Health & Kinesiology, Georgia Southern
University, Statesboro, GA; ²Dept. of Physical Therapy, Campbell University, Buies Creek, NC;
³Dept. of Kinesiology and Applied Physiology, University of Delaware, Newark, DE

O3  4:30  BILATERAL FRONTAL PLANE KINETICS IN SHORT-LEG WALKING BOOTS
Douglas W. Powell¹, Sabrina Lage¹, Jon Fox², Songning Zhang³; ¹Campbell University, Buies
Creek, NC; ²Methodist University, Fayetteville, NC; ³University of Tennessee, Knoxville, TN

O4  4:45  RELATIONSHIP BETWEEN POSITION, CUMULATIVE IMPACTS AND CUMULATIVE
ACCELERATIONS IN NCAA DIVISION I FOOTBALL PLAYERS
K. Grimes¹, E.D. Shiflett¹, B.A Munkasy¹, K.M. Ake¹, N.R. D’Amico¹, M.E. Mormile¹, D.
Powell², T.A. Buckley³, and N.G. Murray¹. ¹School of Health & Kinesiology, Georgia Southern
University, Statesboro, GA; ²Dept. of Physical Therapy, Campbell University, Buies Creek, NC;
³Dept. of Kinesiology and Applied Physiology, University of Delaware, Newark, DE

O5  5:00  KINEMATICS OF THE FASTBALL AND CHANGEUP IN YOUTH PITCHERS
J. Washington, K. Clardy, G.D. Oliver, H.A. Plummer. School of Kinesiology, Auburn
University, Auburn, AL 36849

O6  5:15  LOWER EXTREMITY MUSCLE ACTIVITY IS NOT ALTERED BY FOOTWEAR
B.H. Romer¹, J.W. Fox², and W.H. Weimar³. ¹Dept. of Kinesiology, Louisiana Tech University,
Ruston, LA 71270; ²School of Health Sciences, Methodist University, Fayetteville, NC 28311;
³School of Kinesiology, Auburn University, Auburn, AL 36849

O7  5:30  ATHLETE AND NON-ATHLETE QUIET STANCE POSTURAL PERFORMANCE
M.E. Mormile, ATC¹, N.R. D’Amico, ATC¹, K.M Ake, B.S¹, K.E Grimes, ATC¹, D.W. Powell,
PhD², N.G. Murray, PhD¹. ¹School of Health and Kinesiology, Georgia Southern University,
Statesboro, GA; ²Dept. of Physical Therapy, Campbell University, Buies Creek, NC

4:00-6:00  SYMPOSIUM SESSION I (Ballroom D&E)
S1  GET OUT AND PLAY! : CHARACTERISTICS OF OUTDOOR PLAY BEHAVIORS AND THE
IMPACT OF THE OUTDOOR ENVIRONMENT
D.P. Coe, FACSM¹ and J.I. Flynn². ¹Department of Kinesiology, Recreation, and Sport
Studies, The University of Tennessee, Knoxville, TN. ²Department of Exercise Science, The
University of South Carolina, Columbia, SC 29208
Chair: Brian Parr, Ph.D., University of South Carolina - Aiken
4:00-6:00 SYMPOSIUM SESSION II (Redbud)
S2 EIM-OC: PROGRAMS AND LEARNINGS FROM SEAASM INSTITUTIONS
RM. Jeffreys¹, DA Edwards², EM. Evans³, B. Melton⁴, W. Jackson⁵, N.Drake⁶; ¹Florida Gulf Coast University, Fort Myers, FL; ²University of Virginia, Charlottesville, VA; ³University of Georgia, Athens, GA; ⁴Georgia Southern University, Statesboro, GA; ⁵Auburn University, Auburn, AL; ⁶North Carolina State University, Raleigh, NC
Chair: Janet Walberg Rankin, Ph.D., Virginia Tech University

4:00-6:00 SYMPOSIUM SESSION III (Ballroom H)
S3 RESEARCH ASSESSMENT: IMPACT FACTORS, h-INDICES, AND A WET FINGER IN THE WIND
David D. Pascoe¹ (FACSM), L. Bruce Gladden¹ (FACSM), and S. Blair² (FACSM). ¹School of Kinesiology, Auburn University, Auburn, AL 36849; ²Arnold School of Public Health, University of South Carolina.; Columbia, SC 20208
Chair: Scott Powers, Ed.D. Ph.D., University of Florida

4:00-6:00 SYMPOSIUM SESSION IV (Ballroom G)
S4 COMPENSATION: THE EFFECT OF EXERCISE INTERVENTIONS ON SEDENTARY BEHAVIOR
D.D. Wadsworth, E.K. Webster, M. Rodriguez-Hernandez and S. Foote, School of Kinesiology, Auburn University, Auburn, AL 36849
Chair: David Bassett, Ph.D., University of Tennessee

4:00-6:00 THEMATIC POSTERS SESSION I (Crepe Myrtle)
TP1-TP8 Metabolism, Physical Activity, and Body Composition
Chair: Michael Roberts, Ph.D., Auburn University

TP1 BODY COMPOSITION RESPONSES TO A SIX-WEEK LOW-CARBOHYDRATE DIET WITH RESISTANCE EXERCISE AND SUPPLEMENTAL KETONES IN RODENTS
Petey W. Mumford¹, Wesley C. Kephart¹, Angelia M. Holland¹, Cody T. Haun¹, Christopher B. Mobley¹, Ryan P. Lowery³, Michael D. Roberts¹,², Jacob M. Wilson³; ¹Auburn University, Auburn, AL, USA; ²Edward Via College of Osteopathic Medicine – Auburn Campus, Auburn, AL, USA; ³Department of Health Sciences and Human Performance, University of Tampa, Tampa, FL, USA; *denotes co-PIs

TP2 RELATIONSHIP BETWEEN PLASMA GLUCOSE CONCENTRATION AND BODY COMPOSITION IN OLDER SEDENTARY WOMEN
Ryan R. Porter, Charity B. Breneman, Kimberly Bowyer, J. Larry Durstine, FACSM, Sabra Custer, and Xuewen Wang. Department of Exercise Science and College of Nursing, University of South Carolina, Columbia, SC

TP3 METABOLIC AND BODY COMPOSITION RESPONSES TO A 4-WEEK CINNAMON SUPPLEMENTATION IN A YOUNG ADULT SAMPLE
K. Massey, V. Okereke, and E. Simonavice. School of Health and Human Performance, Georgia College & State University, Milledgeville, GA 31061

TP4 EFFECT OF PROTEIN SUPPLEMENTATION ON RUNNING ECONOMY, METABOLISM, CORE TEMPERATURE, AND BODY COMPOSITION
H. Royal, T. Bradley, and D. Elmer. Dept. of Kinesiology, Berry College, Mount Berry, GA 30149

TP5 PHYSICAL ACTIVITY, STRENGTH, BODY COMPOSITION, MUSCLE QUALITY, AND FUNCTIONALITY IN BREAST CANCER SURVIVORS

TP6 HOURLY ENERGY BALANCE IS A FACTOR IN BODY COMPOSITION AND OBESITY
C.L. Cole, D. Benardot, L.J Brandon. Dept. Kinesiology & Health; Dept. of Nutrition, Georgia State University, Atlanta, GA 30303
TP7 EVALUATION OF THE ACCURACY OF A PREVIOUSLY PUBLISHED EQUATION TO PREDICT ENERGY EXPENDITURE PER UNIT DISTANCE FOLLOWING AN EXERCISE INTERVENTION IN PREVIOUSLY SEDENTARY OVERWEIGHT ADULTS
P. Wessel\textsuperscript{1}, C.E. Morris\textsuperscript{1}, J.C. Garner\textsuperscript{2}, S.G. Owens\textsuperscript{2}, M.W. Valliant\textsuperscript{3}, and M. Loftin\textsuperscript{2}. \textsuperscript{1}School of Kinesiology, Recreation, & Sport, Western Kentucky University, Bowling Green, KY 42101; \textsuperscript{2}Dept. of Health, Exercise Science, and Recreation Management, The University of Mississippi, University, MS 38677.; \textsuperscript{3}Dept. of Nutrition and Hospitality Management, The University of Mississippi, University, MS 38677

TP8 CHANGES IN FITNESS, BODY COMPOSITION, AND HRV FOLLOWING AN INDIVIDUALIZED 6-WEEK SOCCER SPECIFIC TRAINING PROGRAM
Berry NT, Cone JR, Zhong FY, Wideman L., UNC-Greensboro, Greensboro, NC; Athletes Research Institute, Chapel Hill, NC

4:00-5:00 TUTORIAL SESSION I (Regency C)
T1 ACSM SCIENTIFIC ROUNDTABLE: PRE-PARTICIPATION EXERCISE SCREENING GUIDELINES
M. Magal (North Carolina Wesleyan College, Rocky Mount, NC 27804) and G. Liguori (University of Tennessee Chattanooga, Chattanooga TN 37403
Chair: Mike McKenzie, Ph.D., Winston Salem State University

5:00-6:00 TUTORIAL SESSION II (Regency C)
T2 FROM LOW CARBOHYDRATE TO HIGH CARBOHYDRATE: MATCHING DIET CHOICE AND EVENT TO OPTIMIZE PERFORMANCE
W.S. Black. Department of Family and Community Medicine, Department of Kinesiology and Health Promotion, University of Kentucky, Lexington, KY 40536
Chair: Kirk Evanson, Ph.D., Florida State University

6:00-7:00 TUTORIAL SESSION III (Redbud)
T3 DEHYDRATION AND NEUROCOGNITION: WHAT DO WE REALLY KNOW?
M.T. Wittbrodt. School of Applied Physiology, Georgia Institute of Technology, Atlanta, GA, 30332
Chair: Mike Flynn, Ph.D., College of Charleston

4:00-6:00 STUDENT AWARD POSTER FREE COMMUNICATIONS I: (Studio 220)
D1-D8, M1-M8, U1-U8
Authors present, 4:30-6:00 p.m.
Chair: Kevin McCully, Ph.D., SEACSM Past-President, University of Georgia

D1 IMPACT OF TWO WALKING INTERVENTIONS ON SLEEP PATTERNS AND NIGHTLY SLEEP VARIABILITY IN OLDER WOMEN
Charity B. Breneman, Ryan R. Porter, Kim Bowyer, Sabra Smith, and Xuwen Wang. Department of Exercise Science and College of Nursing, University of South Carolina, Columbia, SC 29208

D2 THE INFLUENCE OF NIGHTTIME PROTEIN INTAKE ON OVERNIGHT LIPOLYSIS AND NEXT MORNING FAT OXIDATION IN OBESE MEN.
A.W. Kinsey\textsuperscript{1,2}, S. Cappadona\textsuperscript{2}, L.B. Panton\textsuperscript{2}, R.C. Hickner\textsuperscript{3}, M.J. Ormsbee\textsuperscript{2}, \textsuperscript{1}Department of Nutritional Sciences, University of Alabama at Birmingham, \textsuperscript{2}Institute of Sports Sciences & Medicine, Florida State University, \textsuperscript{3}Human Performance Laboratory, East Carolina University

D3 SKELETAL MUSCLE MITOCHONDRIAL COUPLING AND GENE EXPRESSION IN SEDENTARY AND RESISTANCE TRAINED ANIMALS FED A WESTERN OR LOW CARBOHYDRATE DIET
Hayden W. Hyatt\textsuperscript{1}, Wesley C. Kephart\textsuperscript{1}, A. Maleah Holland\textsuperscript{1}, Petey Mumford\textsuperscript{1}, C. Brooks Mobley\textsuperscript{1}, Ryan P. Lowery\textsuperscript{2}, Michael D. Roberts\textsuperscript{1}, Jacob M. Wilson\textsuperscript{2}, Andreas N. Kavazis\textsuperscript{1}. \textsuperscript{1}School of Kinesiology, Auburn University, Auburn, AL; \textsuperscript{2}Department of Health Sciences and Human Performance, University of Tampa, Tampa, FL

D4 EXERCISE MAY DECREASE PSYCHOSOCIAL STRESS IN WOMEN WITH PCOS THROUGH CHANGES IN INSULIN SENSITIVITY
SK. Sweatt\textsuperscript{1}, R Azziz\textsuperscript{2}, F. Ovalle\textsuperscript{1}, G. Fisher\textsuperscript{1}, BA Gower\textsuperscript{1}; \textsuperscript{1}Univ of AL at Birmingham, Birmingham, AL; \textsuperscript{2}GA Regent Univ, Augusta, GA
D5 NOVEL MEASURES OF POST-OCCULSIVE REACTIVE HYPEREMIA IN THE LOWER LIMB USING NEAR-INFRARED SPECTROSCOPY
T.B. Willingham, W.M. Southern, K.K. McCully, FACSM. Department of Kinesiology, University of Georgia, 330 River Road, Athens GA 30602, U.S.A.

D6 EFFECTS OF RESISTANCE TRAINING AND PROTEIN SUPPLEMENTATION ON INSULIN-LIKE GROWTH FACTOR-1, ADIPONECTIN AND INFLAMMATION IN BREAST CANCER SURVIVORS
T.A. Madzima, M.J. Ormsbee, R.J. Moffatt, L.B. Panton, Dept. of Exercise Science, Elon University, Elon, NC. Dept. of NFES, Florida State University, Tallahassee, FL

D7 EFFECTS OF POSTMEAL EXERCISE ON POSTPRANDIAL GLUCOSE IN PEOPLE TREATED WITH METFORMIN
M.L. Erickson¹, K.K. McCully¹ FACSM, J.P. Little², N.T. Jenkins¹, ¹University of Georgia, Athens GA, 30602, ²University of British Columbia Okanagan Kelowna, BC V1V 1V7, Canada

D8 EVALUATION OF TWO HEAT MITIGATION METHODS IN ARMY TRAINEES.
McAdam JS, Sefton JM, Pascoe DD, Lohse KR, Banda RL, Henault CB, Cherrington AR, Adams NE, School of Kinesiology, Auburn University, Auburn, AL. 36830

M1 EFFECT OF VESTIBULAR STIMULATION EXERCISES ON BALANCE IN CHILDREN WITH DOWN SYNDROME
Sunderman, S., Carter, K., Wooten-Burnett, S. Department of Health and Sport Sciences, University of Louisville, Louisville, KY

M2 EFFECTS OF INTERMITTENT PNEUMATIC COMPRESSION ON LEG BLOOD FLOW AND VASCULAR FUNCTION IN SPINAL CORD INJURY
Lena M. Cialdella; Preston L. Bell; David R. Dolbow; Daniel P. Credeur, School of Kinesiology, University of Southern Mississippi, Hattiesburg, MS, 39406

M3 CIRCULATING MICRORNAS ARE UPREGULATED IN RESPONSE TO ACUTE AEROBIC EXERCISE IN OBESITY
F. Bao, A.L. Slusher, M. Whitehurst, FACSM, and C-J. Huang, FACSM. Department of Exercise Science and Health Promotion, Florida Atlantic University, Boca Raton, Florida, 33431

M4 CALCITRIOL FAVORABLY ALTERS LIPID PARTITIONING WITHIN SKELETAL MUSCLE CELLS
Grace E. Jefferson¹, D. Travis Thomas², and Lance M. Bollinger¹, ¹Department of Kinesiology and Health Promotion, University of Kentucky, ²Division of Clinical Nutrition, University of Kentucky, Lexington, KY

M5 EFFECT OF ANDROID TO GYNOID FAT RATIO ON FUEL UTILIZATION IN OVERWEIGHT AND OBSE INDIVIDUALS

M6 RELATIONSHIPS BETWEEN BODY COMPOSITION, RESTING METABOLIC RATE, AND FUEL UTILIZATION IN OVERWEIGHT AND OBSE WOMEN

M7 EFFECTS OF A BEFORE SCHOOL PHYSICAL ACTIVITY PROGRAM ON PHYSICAL ACTIVITY, MUSCULOSKELETAL FITNESS, AND COGNITIVE FUNCTION IN THIRD-GRADE CHILDREN
Noelle A. Knight, Bhibha M. Das, Thomas D. Raedeke, and Matthew T. Mahar, FACSM. Dept. of Kinesiology, East Carolina University, Greenville, NC 27858

M8 COMPARISON OF MAXIMAL AND SUBMAXIMAL OXYGEN UPTAKE EFFICIENCY IN THE OUT-PATIENT CARDIAC REHABILITATION SETTING
Ashton Celec¹, Colleen Thomas², Beth Ann Scott³, and Jeffery Soukup². ¹Dept of Health and Exercise Science, Appalachian State University, Boone NC, ²Cardiac Rehabilitation Department, Allegheny Health Network, Pittsburgh, PA, ³Cardiopulmonary Services, Appalachian Regional Heath Care System, Boone NC
LEUCINE STIMULATES PEROXISOME PROLIFERATOR ACTVATOR RECEPTORS IN SKELETAL MUSCLE
Jamie K. Schnuck\textsuperscript{1}, Kyle L. Sunderland, PhD\textsuperscript{1} Nicholas P. Gannon\textsuperscript{2}, Matthew R. Kuennen, PhD\textsuperscript{1}, and Roger A. Vaughan, PhD\textsuperscript{1*,}\textsuperscript{1Department of Exercise Science, High Point University, High Point NC, 27268, \textsuperscript{2}Medical College of Wisconsin, Milwaukee, WI 53226

COMPARING PERCEIVED AND PERFORMANCE-BASED PHYSICAL FUNCTION ACROSS HOUSING STATUS IN OLDER ADULTS
B. M. Loman, J. A. Snyder, and A.O. Brady, Department of Kinesiology, The University of North Carolina at Greensboro, Greensboro, NC 27402

THE EFFECTS OF MACRONUTRIENTS IN INDUCING SATIETY VIA PEPTIDE YY
Caroline E. Hubbard, Leslie E. Neidert, and Heidi A. Kluess, FACSM. School of Kinesiology, Auburn University, Auburn, AL 36849

EFFECTS OF DRINKING VS RINSING WITH WATER ON PHYSIOLOGICAL AND AFFECTIVE RESPONSE DURING A 15-KM RUNNING SESSION
L. Shaver\textsuperscript{1}, E. E. Hall, FACSM\textsuperscript{1}, E. O’Neal\textsuperscript{2} and S. Nepocatych\textsuperscript{1}. \textsuperscript{1}Department of Exercise Science, Elon University, Elon, NC 27244 and \textsuperscript{2}Department of Health, Physical Education and Recreation, University of North Alabama, Florence, AL 35632

VITAMIN A LEVELS AND EXERCISE TIME IN COPD PATIENTS FOLLOWING NITRATE CONSUMPTION.
CW Brailer, GD Miller and MJ Berry, Health and Exercise Science Department, Wake Forest University, Winston-Salem, NC

SKILL-BASED PERFORMANCE IMPROVES AFTER 16-WEEKS OF HIGH-INTENSITY FUNCTIONAL TRAINING.
M. Smith, A. Box, W. Hoffstetter, G. Mangine, H. Mimms, P. Serafini, B. Kliszczewicz, Y. Feito, FACSM. Dept. Exercise Science and Sport Management. Kennesaw State University, Kennesaw, GA, 30144

PHYSICAL ACTIVITY AND BAROREFLEX IN YOUNG ADULTS BORN PREMATURELY WITH VERY LOW BIRTH WEIGHT

THE EFFECT OF MEDIAL WEDGE INSERTS ON KNEE ADDUCTION MOMENTS DURING A CUTTING MOVEMENT
T. Elvidge\textsuperscript{1,2}, and E. Preatoni\textsuperscript{2}. \textsuperscript{1}Dept. of Kinesiology, University of Tennessee, Knoxville TN 37996. \textsuperscript{2}Dept. for Health, University of Bath, Bath, UK

OPENING REMARKS AND KEYNOTE ADDRESS (Ballroom A&B)
Stimulus, Response, Adaptation: A Tale of Neuroendocrine Interfaces with Exercise Stress
William Kraemer, Ph.D. FACSM
Professor, Department of Human Sciences
The Ohio State University
Presiding: B. Sue Graves, Florida Atlantic University, SEACSM President

SEACSM SOCIAL (Teal)

FRIDAY, February 19, 2016

MENTORING BREAKFAST–everyone welcome (Teal)
(Register by February 5)
Mentoring Tips for Mentors and Mentees
Speaker: Dixie Thompson, FACSM,
Professor and Associate Dean for Research and Academic Affairs
University of Tennessee

REGISTRATION (Prefunctionary Area)

EXHIBITS (Prefunctionary Area)
P1  **ANABOLIC EFFECTS OF WHEY PROTEIN PERSIST BEYOND ESSENTIAL AMINO ACID CONTENT IN MYOTUBES**  
C. Brooks Mobley¹, Petey W. Mumford¹, David D. Pascoe, FACSM¹, Michael E. Miller², Michael D. Roberts¹. ¹School of Kinesiology, Auburn University, Auburn, AL, 36849, ²Harrison School of Pharmacy, Auburn University, Auburn, AL, 36849

P2  **MYOCYTOPLASMIC ENDOPLASMIC RETICULUM STRESS IS INCREASED BY AUTOPHAGY INHIBITION AND DECREASED BY EXERCISE**  
Adrienne R. Herrenbruck¹,² and Lance M. Bollinger¹,². ¹Department of Kinesiology and Health Promotion, University of Kentucky, ²Center for Muscle Biology, University of Kentucky, Lexington, KY

P3  **THE ANABOLIC RESPONSE OF SKELETAL MUSCLE TO ECCENTRIC CONTRACTIONS IN TUMOR BEARING MICE**  
Justin P. Hardee, Song Gao, Dennis K. Fix, Brandon N. VanderVeen, Kimbell L. Hetzler, James A. Carson, FACSM. University of South Carolina, Columbia, SC

P4  **OSTEOCALCIN DOES NOT INDUCE REGULATORS OF INSULIN SIGNALING OR MITOCHONDRIAL BIOGENESIS IN VITRO**  
Hailey A. Parry, Roger A. Vaughan, PhD, Matthew R. Kuennen, PhD, Kyle L. Sunderland, PhD; Department of Exercise Science, High Point University, High Point NC, 27268

P5  **EFFECT OF CORE TEMPERATURE ON OXIDATIVE STRESS MARKERS IN BLOOD AFTER AN ACUTE EXERCISE BOUT IN RATS**  
LS Vervaecke, LA Hixson, TJ Herberg, K-T Lee, AH Goldfarb FACSM, JW Starnes FACSM. Department of Kinesiology, University of North Carolina Greensboro, Greensboro, NC, 27402

P6  **UPDATE ON THE PATHOPHYSIOLOGY OF EXERTIONAL HEAT ILLNESS AND HEAT STROKE**  
Thomas L Clanton and Michelle A King. Department of Applied Physiology & Kinesiology, College of Health and Human Performance, University of Florida, Gainesville, FL

P7  **AD LIBITUM FLUID INTAKE THRESHOLD INHIBITS EFFECTIVE REHYDRATION AT 12-H POST-RUN IN HOT ENVIRONMENT**  
Davis B.A.¹, O’Neal E.K.² Johnson S.L.¹, Korak JA¹, Pribyslavska V¹, Farley R.S.¹, ¹Department of Health and Human Performance, Middle Tennessee State University, Murfreesboro, TN; ²Department of Health, Physical Education and Recreation, University of North Alabama, Florence, AL

P8  **EFFECTS OF ENVIRONMENT, LOCAL SWEAT RATE (LSR), AND BODY SIZE ON CORE HEAT STORAGE IN COLLEGIATE FOOTBALL PLAYERS**  
AB Simoneaux¹, NP Lemoine Jr.¹, M Scott¹, KS Early¹, S Mullenix², J Marucci², TS Church³, R Castle¹, NM Johannsen¹. ¹School of Kinesiology and ²Athletics Department, Louisiana State University, and ³Pennington Biomedical Research Center, Baton Rouge, LA

P9  **DOES DEHYDRATION IMPACT EYE-HAND MOTOR COORDINATION?**  
A. Murata, M.T. Wittbrodt, M.L. Millard-Stafford. School of Applied Physiology, Georgia Institute of Technology, Atlanta, GA, 30332

P10  **REPEATED MILD HEAT STRESS REDUCES INFLAMMATORY SIGNALS CARBOHYDRATE METABOLISM BIAS IN C2C12 MYOTUBES**  
Mandy Syzmanski¹, Meghan Patton¹, Kyle L. Sunderland, PhD1, Roger A. Vaughan1, PhD1, Matthew R. Kuennen, PhD1, 1Department of Exercise Physiology, High Point University, High Point NC, 27268

P11  **SURVEY OF RECOVERY MEASURES IN ELITE SWIMMERS**  
A.L. Grange¹, E.B. Kaley¹, R. Chestnutt¹, C.R. Arakelian¹, D.C. Nieman², C.S. John²*, A.M. Knab¹* ¹Kinesiology Department, Queens University of Charlotte, Charlotte NC, ²Human Performance Laboratory, North Carolina Research Campus, Appalachian State University, Kannapolis, NC 28081*Denotes co-senior author
P12  **A PRE-WORKOUT SUPPLEMENT AND HIGH INTENSITY CYCLE ERGOMETRY PERFORMANCE IN RECREATIONALLY TRAINED MEN**  
Mark T. Byrd¹, Michael T. Lane², Haley C. Bergstrom¹, ¹University of Kentucky, Lexington, KY, ²Eastern Kentucky University, Richmond, KY

P13  **THE EFFECTS OF ACUTE CITRULLINE-MALATE SUPPLEMENTATION ON LOWER-BODY ISOKINETIC EXERCISE PERFORMANCE IN MASTERS-AGED FEMALE TENNIS PLAYERS**  
J.M. Glenn¹, M. Gray², A. Jensen², M.S. Stone², J.L. Vincenzo³, ¹Louisiana Tech University – Sport and Movement Science Laboratory, Ruston LA; ²University of Arkansas – Office for Studies on Aging, Fayetteville AR; ³University of Arkansas for Medical Sciences – Department of Physical Therapy, Fayetteville AR

P14  **EFFECTS OF PRE-EXERCISE QUERCETIN AND SEA BUCKTHORN JUICE INGESTION ON PHYSIOLOGIC RESPONSES TO INTENSE EXERCISE**  
C.S. John, D.C. Nieman, M.P. Meaney, and C.E. Smith. Human Performance Laboratory, North Carolina Research Campus, Appalachian State University, Kannapolis, NC 28081

P15  **EFFECTS OF CAFFEINE ON PERCEPTUALLY-BASED INTENSITY PRODUCTION DURING OUTDOOR RUNNING**  
Hall G.W., Neal K.K., Green J.M., O’Neal E.K., McIntosh J.R., Keyes A.A., Department of HPER, University of North Alabama, Florence, AL 35632

P16  **ACCURACY OF A CONTINUOUS GLUCOSE MONITORING DEVICE FOR THE ASSESSMENT OF CARBOHYDRATE GLYCEMIC EFFECTS DURING EXERCISE**  
Baur, DA, de Carvalha Silva Vargas, F, Garvey, JA, Bach, CW, and Ormsbee, MJ, FACSM, Institute of Sports Sciences and Medicine, Florida State University, Tallahassee, FL 32306

P17  **CARBOHYDRATE MOUTH RINSING ENHANCES LATE-EXERCISE SPRINT PERFORMANCE IN FATIGUED CYCLISTS**  
P. Roberson, A. D’Lugos, C. Vining, M. Pataky, D. Baur, M. Saunders, and N. Luden Department of Kinesiology, James Madison University, Harrisonburg, VA 22807

P18  **THE EFFECTS OF SIX DAYS OF DIETARY NITRATE SUPPLEMENTATION ON STRENGTH, POWER, AND ENDURANCE IN CROSSFIT ATHLETES**  
S.J. Kramer, L.B. Panton, M.T. Spicer, M.J. Leeser, and M.J. Ormsbee, FACSM. Institute of Sports Sciences & Medicine, Florida State University, Tallahassee, FL

P19  **SIX WEEKS OF A LOW CARBOHYDRATE DIET WITH OR WITHOUT EXERCISE FAVORABLY ALTERS HEPATIC NF-ΚB SIGNALING AND SERUM MARKERS RELATED TO OVERALL HEALTH IN RATS**  
WC Kephart¹, AM Holland¹, RP. Lowery², PW Mumford¹, CB Mobley¹, AE McCloskey¹, JJ Shake¹, P Mesquita¹, KC Young¹,³, JS Martin¹,³, DT Beck², DJ McCullough¹,³, AN Kavazis¹,³, MD Roberts¹,³,²; JM Wilson²,³,¹ *School of Kinesiology, Auburn University, Auburn, AL, USA; ²Department of Health Sciences and Human Performance, The University of Tampa, Tampa, FL, USA; ³Edward Via College of Osteopathic Medicine – Auburn Campus, Auburn, AL, USA *denotes co-Primary Investigators

P20  **A LOW-CARBOHYDRATE DIET WITH ADEQUATE PROTEIN DOES NOT IMPAIR THE HYPTERTROPHIC RESPONSE TO ACUTE AND CHRONIC RESISTANCE EXERCISE IN RODENTS**  
Cody T. Haun¹, Wesley C. Kephart¹, Angelia M. Holland¹, Petey Mumford¹, Christopher B. Mobley¹, Carlton D. Fox¹, Anna E. McCloskey¹, Joshua J. Shake¹, Paulo Mesquita¹, Andreas N. Kavazis¹,², Kaelin C. Young¹,², Anna L. Newton¹,², Ryan P. Lowery³, Jacob M. Wilson³,²; Michael D. Roberts¹,²,³*,¹ Auburn University, Auburn, AL, USA; ²Edward Via College of Osteopathic Medicine – Auburn Campus, Auburn, AL, USA; ³Department of Health Sciences and Human Performance, University of Tampa, Tampa, FL, USA; *denotes co-PIs

P21  **THE INFLUENCE OF A KETOGENIC DIET AND EXERCISE ON ADIPOGENIC AND LIPOGENIC MARKERS IN OMENTAL AND SUBCUTANEOUS FAT PADS OF RATS**  
AM Holland¹, WC Kephart¹, RP Lowery², PW Mumford¹, CB Mobley¹, AE McCloskey¹, JJ Shake¹, P Mesquita¹, AN Kavazis¹,³, JM Wilson²,³, MD Roberts¹,³,²; ¹School of Kinesiology, Auburn University, Auburn, AL, USA; ²Department of Health Sciences and Human Performance, The University of Tampa, Tampa, FL, USA; ³Edward Via College of Osteopathic Medicine – Auburn Campus, Auburn, AL, USA *denotes co-Primary Investigators
CASE STUDY: PHYSIOLOGICAL EFFECTS OF CONTEST PREPARATION DIET ON A DRUG FREE BODYBUILDER
A. Pardue, L. Sprod, University of North Carolina – Wilmington, Wilmington, NC 28403

LIVE AND VIDEO-GUIDED EXERCISE WITH FEMALES WHO ARE OVERWEIGHT OR OBESE
Lauren G. Killen, John M. Coons, Vaughn W. Barry, Dana K. Fuller, and Jennifer L. Caputo, University of North Alabama, Florence AL, Middle Tennessee State University, Murfreesboro, TN

PEDOMETRY AND HEART RATE DURING A ROUND OF DISC GOLF IN PHYSICALLY ACTIVE ADULTS
Thomas J Kopec, Evan A Enquist, Mark A Richardson; Department of Kinesiology; The University of Alabama, Tuscaloosa, AL 35487

EFFECTS OF TWO WARM-UP PROGRAMS ON BALANCE AND ISOKINETIC STRENGTH IN MALE HIGH SCHOOL SOCCER PLAYERS

ASSOCIATION OF SLEEP BEHAVIOR TO PHYSICAL ACTIVITY AND BMI IN 9TH AND 10TH GRADE STUDENTS
Lina Davda and Kerry L. McIver. University of South Carolina, Columbia, SC

PARTICIPANT DESCRIPTION OF OPEN STREETS EVENT
J. Johann, K. Cline, S. Robinson, G. Liguori. Department of Health & Human Performance, University of Tennessee Chattanooga, Chattanooga TN 37403

THE RELATIONSHIP BETWEEN SELF-REPORT AND PERFORMANCE BASED MEASURES OF PHYSICAL FUNCTION FOLLOWING AN ICU STAY
NJ Love, PE Morris, LD Case, J Lovato, MJ Berry, Health and Exercise Science, Wake Forest University, Winston-Salem, NC

INCREASING PHYSICAL ACTIVITY IN YOUTH WITH AUTISM AND OTHER DEVELOPMENTAL DISABILITIES

THE EFFECTS OF YOGA ON FUNCTIONAL OUTCOMES IN CANCER SURVIVORS
J. Rothrock1, E. Lile1, J. Hartmann2, R. Arabian1, J. Bradford1, C. Brewer1, L. Long1, W. Tseh1, D. Dowd1, L. Sprod1. 1University of North Carolina - Wilmington, 2Integrative Rehab and Wellness, Wilmington, NC 28403

INFLUENCE OF SHORT-TERM TRAINING ON PERFORMANCE AND RELIABILITY OF A 1-MINUTE PUSH-UP TEST
R.L. Herron, J.C. Casey, K.L. Casey, P.A. Bishop. The Department of Kinesiology, University of Alabama, Tuscaloosa, AL 35487

ANALYSIS OF ACCELEROMETER COUNTS DURING SEDENTARY ACTIVITIES ON THE NON-DOMINANT WRIST IN 5-11 YEAR OLD CHILDREN
J.L Chandler, M.W. Beets, K. Brazendale, B.A. Mealing, Dept. of Exercise Science, The University of South Carolina, Columbia, SC 29208

ENDURANCE INDEX AS NON-INVASIVE CLINICAL MUSCLE FATIGUE TEST
Hamzah Mansoura1 Gabriela Silvestrini2, H. Erik Wein2, T. Bradley Willingham2, and Kevin K. McCully2, 1Georgia Regents University/The University of Georgia Medical Partnership, Athens, GA and 2Department of Kinesiology, University of Georgia, Athens, GA

THE DIFFERENTIAL EFFECTS OF LADDERMILL VS. TREADMILL MAXIMAL EXERCISE TESTING
TD Allerton, K Early, M Scott, and N Johannsen. School of Kinesiology, Louisiana State University, Baton Rouge, LA 70808

EFFECTS OF CAFFEINE ON SELF-SELECTED TREADMILL VELOCITY
Olenick A1, Green JM2, Eastep C1, Neal K2, Winchester L1, 1School of KRS, Western KY University, Bowling Green, KY, 42101, 2Dept of HPER, University of North Alabama, Florence, AL, 35632
THE EFFECT OF STICK AND MOUTHGAURD USE ON SPORT-SPECIFIC TRAINING CONDITIONS IN HIGH SCHOOL FIELD HOCKEY ATHLETES
Alexandra H. Roberts, Amy J. Walden, Kathleen Carter, T. Brock Symons, Exercise Physiology, University of Louisville, Louisville KY

SLEEP-WAKE PATTERNS EFFECTS ON THE BEEP TEST AND SPRINTS IN FEMALE HIGH SCHOOL FIELD HOCKEY PLAYERS: A PILOT STUDY
Amy J. Walden, Alexandra H. Roberts, Brock Symons, Kathleen Carter, Exercise Physiology, University of Louisville, Louisville KY

STABILITY OF URINE SPECIFIC GRAVITY ACROSS TIME AND TEMPERATURE
Keyes A.A., Dubroc D.R., Neal K.K., Miller B.L., Simpson J.D., and O’Neal E.K., Department of Health, Physical Education and Recreation, University of North Alabama, Florence, AL 35632

THE EFFECT OF DIFFERENT TRAINING FREQUENCIES ON MAXIMAL LEG STRENGTH: A PILOT STUDY
J.K. Trammell, D.J. Szymanski, and B.H. Romer, Department of Kinesiology, Louisiana Tech University, Ruston, LA

A COMPARISON OF STANDING VS. SEATED CYCLE EROMETER GRADED EXERCISE TEST PROTOCOLS
C. Hicks, C. McLeaster, J. Howard, T. Evans, J. McLeaster, Dept of Exercise Science and Sport Management, Kennesaw State University, Kennesaw GA 30144

HIGH ALTITUDE MASKS: EARLY ADAPTATIONS IN MAXIMAL OXYGEN UPTAKE
T. J. Leszczak, D. Dey, and H. Crusinberry. Dept. of Health and Human Performance, Austin Peay State University, Clarksville, TN 37040

EFFECTIVENESS OF A STUDENT-LED WORKSITE WELLNESS SERVICE PROJECT ADDRESSING HEALTH-RELATED PHYSICAL FITNESS
J.M. Hartman and J.T. Cornette. Exercise Science, Gardner-Webb University, Boiling Springs, NC 28017

INFLUENCE OF SHORT-TERM TRAINING ON PERFORMANCE AND RELIABILITY OF A 1-MILE RUN TEST
J.C. Casey, R.L. Herron, K.L. Casey, P.A. Bishop. The Department of Kinesiology, The University of Alabama, Tuscaloosa, AL 354871

AN EVALUATION OF THE HEART RATE RESPONSE TO A TWENTY MINUTE SUSPENSION TRAINING EXERCISE SESSION
A. Kleitz1, A. Bosak2, K. Huet3, E. Croft2, K. Nix2, and J. Otto5. 1University of Southern Mississippi, Hattiesburg, MS, 2Liberty University, Lynchburg, VA, 3Kennesaw State University, Kennesaw, GA, 4Georgia Southern University, Statesboro, GA, and 5Armstrong State University, Savannah, GA

ASSOCIATION BETWEEN CHILDREN’S SCREEN TIME AND PARENT’S SITTING TIME IN PUERTO RICO
Alexis González-Rodríguez, María Enid Santiago-Rodríguez, Marcos Abimael Amalbert-Birriel, Farah A. Ramírez-Marrero, FACSM, University of Puerto Rico-Rio Piedras Campus, San Juan, PR

EFFECT OF REST-PAUSE VS TRADITIONAL BENCH PRESS TRAINING ON MUSCLE STRENGTH, ELECTROMYOGRAPHY AND LIFTING VOLUME
J.A. Korak1, D.K. Fuller1, M.R. Paquette2, and J.M. Coons1. 1Dept. of Health and Human Performance, Middle Tennessee State University, Murfreesboro, TN 37132. 2School of Health Studies, University of Memphis, Memphis, TN 38152

COLLEGE STUDENTS WHO MEET RECOMMENDATIONS FOR VIGOROUS ACTIVITY PERCEIVE GREATER BENEFITS AND LESS BARRIERS
JG Stevens, AM Garris, RJ Schofield, EA Easley, SH Sellhorst, WF Riner, FACSM. Dept of Exercise Science, University of South Carolina Lancaster, Lancaster SC, 29720

IMPACT OF SOCIAL SUPPORT ON PHYSICAL ACTIVITY IN COLLEGE-AGE STUDENTS
AM Garris, SB Bailey, EE Freeman, EA Easley, SH Sellhorst, WF Riner, FACSM. Dept of Exercise Science, University of South Carolina Lancaster, Lancaster SC 29720
EFFECT OF SITTING, STANDING, AND WALKING DURING A TRADITIONAL COLLEGE LECTURE
Mark Schafer¹, Donald L. Hoover², Jason Wright³, Melissa Reece³, K. Jason Crandall¹, Alyssa Olenick¹, Josh Brown¹. ¹School of Kinesiology, Recreation & Sport, ²Doctor of Physical Therapy Program, Western Kentucky University, Bowling Green, KY 42101

COMPARISON OF ESTIMATED VO2max FROM FIELD TESTS TO ACTUAL VO2max
D.A. Weeks, D.J. Szymanski, and B.H. Romer, Department of Kinesiology, Louisiana Tech University, Ruston, LA

8:00-10:00 ORAL FREE COMMUNICATION II (Ballroom F)
08-O14 Biomechanics, Gait, and Balance
Chair: Andy Bosak, Ph.D., Liberty University

EVALUATION OF A NEW ANTHROPOMETRIC TECHNIQUE ASSESSING RISK FOR CARDIOVASCULAR DISEASE
TS Lyons¹, JC Jackson², B Zagdsuren¹, JM Green³. ¹School of Kinesiology, Recreation & Sport, Western Kentucky University, Bowling Green, KY; ²Department of Student Affairs, University of Alabama, Tuscaloosa, AL; ³Department of Health, Physical Education & Recreation, University of North Alabama, Florence, AL

EFFECTS OF CHANGING ACTIGRAPH BAND PASS FILTER WIDTH FOR DETECTING WALKING AND RUNNING
S.L. LaMunion, D.R. Bassett, Jr. FACSM, and S.E. Crouter FACSM, Department of Kinesiology, Recreation, & Sport Studies, The University of Tennessee, Knoxville, TN 37996

PHYSICAL ENVIRONMENT AND PHYSICAL ACTIVITY AMONG CHILDREN IN PUERTO RICO
M. E. Santiago-Rodríguez, F. A. Ramírez-Marrero, FACSM, L. R. Martínez-Colón, M. I. Amaral-Figueroa, University of Puerto Rico – Rio Piedras Campus, San Juan, PR

COMPARISON OF DIFFERENT ACTIVE RECOVERY TIME PERIODS ON A LEG CYCLE ERGOMETRY BOOSTER VO2PEAK TEST
A. Bosak¹, J. Croft², K. Huet³. ¹Liberty University, Lynchburg, VA, ²Armstrong State University, Savannah, GA, and ³Kennesaw State University, Kennesaw, GA

VALIDITY OF A VISUAL ANALOG SCALE FOR ASSESSING RPE IN COLLEGIATE SWIMMERS
G.A. Ryan¹, R.L. Herron², S.H. Bishop³, C.P. Katica⁴, J.C. Casey² and P.A. Bishop². ¹Department of Sport & Health Sciences at Catawba College, Salisbury, NC 28144, ²The Univ. of Alabama, Tuscaloosa, AL 35487, ³Univ. of Montevallo, Montevallo, AL 35115, & ⁴Pacific Lutheran University, Tacoma, WA 98447

ASSESSMENT OF ANTI-SACCADES WITHIN 24 TO 48 HOURS POST-CONCUSSION
N.R. D’Amico¹, M.E. Mormile¹, K.M. Ake¹, K. Grimes¹, D.W. Powell², R.J. Reed-Jones³, and N.G. Murray¹. ¹School of Health & Kinesiology, Georgia Southern University, Statesboro, GA; ²Dept. of Physical Therapy, Campbell University, Buies Creek, NC; ³Dept. of Applied Human Sciences, University of Prince Edward Island, Charlottetown, PE, Canada

8:00-10:00 SYMPOSIUM SESSION V (Ballroom D&E)
S5 DESIGN OF THE “EXERCISE DRUG” FOR SKELETAL MUSCLE AND VASCULAR INSULIN RESISTANCE
Steven K. Malin¹, Nathan T. Jenkins², and Brian A. Irving³,¹Dept. of Kinesiology, University of Virginia, Charlottesville, VA; ²Dept. of Kinesiology, University of Georgia, Athens, GA; ³School of Kinesiology, Louisiana State University, Baton Rouge, LA
Chair: Gordon Fisher, Ph.D., University of Alabama - Birmingham
8:00-10:00 SYMPOSIUM SESSION VI (Regency C)
S6 NUTRITIONAL TREATMENT FOR CONCUSSION: CLINICAL RECOMMENDATIONS AND RESEARCH NEEDS
Kelly Rossi, PhD, RD, University of Virginia
Chair: Nicholas Murray, Ph.D., Georgia Southern University

8:00-9:00 TUTORIAL SESSION IV (Redbud)
T4 EXERCISE-INDUCED ADAPTATION-A TALE OF TWO MYOCYTES
Scott K. Powers Department of Applied Physiology and Kinesiology, University of Florida, Gainesville, Florida
Chair: Andy Shanely Ph.D., Appalachian State University

8:00-9:30 THEMATIC POSTERS SESSION I (Crepe Myrtle)
TP9-TP16 High Intensity Exercise
Chair: Yuri Feito, Ph.D., Kennesaw State University
TP9 HIGH INTENSITY INTERVAL ERGOMETRY, SUBSTANCE P, AND COGNITIVE FUNCTION: AN EXPLORATORY STUDY
Patterson, V.T., Slusher, A.L, & Acevedo, E.O., FACSM, Department of Kinesiology and Health Sciences, Virginia Commonwealth University, Richmond, VA 23284
TP10 A HIGH INTENSITY STRUCTURED EXERCISE PROGRAM INDUCES COMPENSATION IN MIDDLE AGE WOMEN INCREASING TIME SPENT IN SEDENTARY BEHAVIOR
M. Rodriguez-Hernandez, S. Foote, J. McDonald, D. Pascoe, and D.D. Wadsworth, School of Kinesiology, Auburn University, Auburn AL 36849
TP11 HIGH INTENSITY VS MODERATE INTENSITY EXERCISE TRAINING: A COMPARISON OF MODALITIES FOR IMPROVING BODY COMPOSITION IN OVERWEIGHT/OBESE ADOLESCENT MALES
Corey Noles1, David B. Allison2,3,4, Andrew W Brown2,3, Michelle M Bohan Brown4,5, Holly Reseuhr2,4, Amy Alcorn2,3, Leah Winwood7, Brandon George2,3, Madeline M Jeanson2,3, and Gordon Fisher1,2,4; 1Department of Human Studies, 2Nutrition and Obesity Research Center, 3Office of Energetics, 4Department of Nutrition Sciences University of Alabama at Birmingham, 5Department of Food, Nutrition, and Packaging Sciences Clemson University
TP12 IMPACT OF VARIOUS CONCURRENT TRAINING INTERVENTIONS ON 1RM SQUAT
TP13 CARDIOVASCULAR ADAPTATIONS TO SPRINT INTERVAL AND RESISTANCE CONCURRENT EXERCISE TRAINING IN AGING WOMEN
Lorena P. Salom, Shelby Foote, Danielle D. Wadsworth, James R. McDonald and David D. Pascoe FASCSM. Auburn University, Auburn, AL
TP14 PHYSIOLOGICAL EFFECTS OF HIGH INTENSITY INTERVAL TRAINING
S.A. MOREE, R.A. SPADA, B. BEEDLE, Department of Exercise Science, Elon University, Elon, NC 27244
TP15 EFFECT OF STRENGTH ON HIGH VOLUME RESISTANCE TRAINING OUTCOMES
Gerald Mangine, Kennesaw State University, Kennesaw, GA, Jay Hoffman, David Fukuda, and Jeffrey Stout, University of Central Florida, Orlando, FL, Nicholas Ratamess, The College of New Jersey, Ewing, NJ
TP16 SPRINT INTERVAL VERSUS MODERATE INTENSITY TRAINING AND PERCEIVED EXERCISE ENJOYMENT
Gilbertson, Nicole M1; Mandelson, Joan A2; Hilovsky, Kathryn L1; Wenos, David L2; Akers, Jeremy D2; Hargens, Trent A. FACSM1; Edwards, Elizabeth S.1,3; 1Department of Kinesiology, 2Department of Health Sciences, 3Morrison Bruce Center, James Madison University, Harrisonburg, VA 22801

9:00-10:00 TUTORIAL SESSION V (Redbud)
T5 NAVIGATING ACSM: FROM FACULTY TO FELLOW
Mike McKenzie (Department of Exercise Physiology, Winston-Salem State University, Winston-Salem, NC), Kevin McCully (Department of Kinesiology, Athens, GA) University of Georgia), and Alan Utter (Department of Health and Exercise Science, Appalachian State University, Boone, NC)
Chair: Meir Magal, Ph.D., North Carolina Wesleyan College

9:00-10:00 TUTORIAL SESSION VI (Ballroom G)
T6 UNDERGRADUATES AND THEIR PARTICIPATION IN RESEARCH – HOW DO I GET INVOLVED?
RA Battista¹ and PC Miller². ¹Office of Student Research, Appalachian State University, ²Office of Undergraduate Research and Intellectual Climate Initiatives, Elon University
Chair: Bhibha Das, Ph.D., East Carolina University

9:00-10:00 TUTORIAL SESSION VII (Ballroom H)
T7 INFLUENCE OF EXERCISE MODE ON FETAL AND NEONATAL HEALTH OUTCOMES
Carmen M Moyer¹, Linda E May², ¹Dept. of Health & Human Sciences, Bridgewater College, Bridgewater, VA 22812, ²Foundational Sciences and Research, East Carolina University, Greenville, NC 27834
Chair: Lynn Panton Ph.D., Florida State University

9:30-11:00 POSTER FREE COMMUNICATIONS II (Studio 220)
P51-P100 Athletic Care/Trauma/Rehabilitation Growth, Development & Aging
Psychology/Psychiatry/Behavior Chronic Disease and Disability
Biomechanics/Gait/Balance I
Chair: Jonathan Wingo, Ph.D., University of Alabama

P51 EFFECTIVENESS OF TAPING FOR REDUCING PAIN IN PATIENTS WITH PLANTAR FASCITIS: A SYSTEMATIC REVIEW AND META-ANALYSIS
D.P. Smelser, K.L. Robbins, P.M. Hopkins. Dept. of Physical Therapy, Georgia State University, Atlanta, GA 30302

P52 EFFECT OF KINESIOLOGY THERAPEUTIC TAPE ON HAMSTRING FLEXIBILITY
D. J. Thomas and M. R. Bannman. Department of Sport Science and Physical Education, Huntingdon College, Montgomery, AL 36106

P53 NATURAL PLAYGROUND ACTIVITY BEHAVIORS IN TODDLERS
E.M. Post¹ G.R. Grieco¹, M.S. McClanahan¹, J.I. Flynn², and D.P. Coe¹, FACSM, ¹Dept. of Kinesiology, Recreation, and Sport Studies, The University of Tennessee, Knoxville, TN 37996. ²Dept. of Exercise Science, The University of South Carolina, Columbia, SC 29208

P54 PHYSICAL FUNCTION AND FALLS RISK IN OLDER CANCER SURVIVORS
Emily Akley, Shannon Mihalko, PhD, Heidi Klepin, MD. Department of Health and Exercise Science, Wake Forest University and Section on Hematology and Oncology, Comprehensive Cancer Center, Wake Forest University, Winston-Salem, NC

P55 KINESIOLOGY STUDENTS’ ATTITUDES IN REGARDS TO SEXISM AND DIVERSITY
R. Hardin, EA. Taylor, A. Johnson, and L. Dzikus. Dept. of Kinesiology, Recreation, & Sport Studies, University of Tennessee, Knoxville, TN 37996

P56 THE IMPACT OF ACUTE BOUTS OF TWO TYPES OF PHYSICAL ACTIVITY ON COGNITION IN ELEMENTARY SCHOOL-AGED CHILDREN
A. Schwartz, A. Halvorson, M.S. McClanahan, G.R. Grieco, and D.P. Coe, FACSM. Department of Kinesiology, Recreation and Sport Studies, University of Tennessee, Knoxville, TN 37996

P57 EFFECTS OF LIGHT TO MODERATE AEROBIC EXERCISE ON SHORT-TERM AND LONG-TERM MEMORY IN COLLEGE-AGED STUDENTS
A. Schreiber, M. Moziejko, K. Masse, and E. Simonavice, School of Health & Human Performance, Georgia College & State University, Milledgeville, GA 31061

P58 PSYCHOLOGICAL AND DEMOGRAPHIC DESCRIPTION OF YMCA MEMBERS USING ACTIVTRAX
K. Strohacker¹, Y. Wang², K.N. Smitherman¹, D. Fazzino¹, E. Cornelius¹, ¹Kinesiology, Recreation, and Sport Studies, The University of Tennessee, Knoxville TN, 37996. ²Kinesiology Department, Shanghai University of Sport, Shanghai District, China

P59  PARENTAL SUPPORT FOR PHYSICAL ACTIVITY IN AFRICAN-AMERICAN GIRLS
Lauren Reid, Marsha Dowda, DrPH, FACSM, Russell Pate, PhD, FACSM, Department of Exercise Science, University of South Carolina, Columbia, SC

P60  A SYSTEMATIC REVIEW AND META-ANALYSIS CONCERNING EFFECTS OF EXTERNAL FOCUS OF ATTENTION ON GOLF PERFORMANCE

P61  EFFECT OF PILOT ONLINE WORKSITE WELLNESS INTERVENTION ON MEASURES OF HEALTH IN A UNIVERSITY SETTING
AE. Rote¹ & L.L. Stradley²; ¹University of North Caroline-Asheville, Asheville, NC, 28804; ²NC Center for Health and Wellness, Asheville, NC

P62  VALIDITY OF SELF-REPORTED PEDOMETER STEPS PER DAY IN COLLEGE STUDENTS
B.S. Overstreet¹, S.E. Crouter FACSM¹, G.A. Butler², C.M. Springer³, and D.R. Bassett, Jr. FACSM¹. ¹Department of Kinesiology, Recreation, & Sport Studies, ²Department of Biological Sciences, ³Research Computing Support, The University of Tennessee, Knoxville, TN 37918

P63  ENERGY INDEX AS A MEASURE OF EXERCISE READINESS FOR AEROBIC EXERCISE IN UNIVERSITY STUDENTS

P64  EFFECTS OF HIGH AND LOW INTENSITY YOGA ON PSYCHO-SOCIAL WELL BEING IN COLLEGE-AGED FEMALES
M. Sullivan, A. Carberry, A. Fredsell, E. Evans, E. E. Hall, FACSM and S. Nepocatych. Departments of Exercise Science and Physical Therapy Education, Elon University, Elon, NC, 27244

P65  PSYCHOLOGICAL TRAITS ASSOCIATED WITH SUCCESSFUL PARTICIPATION IN AN EXERCISE INTERVENTION

P66  ASSOCIATIONS BETWEEN PSYCHOLOGICAL MOOD STATES AND SLEEP QUALITY IN COLLEGIATE SOFTBALL PLAYERS
M.K. Nix and C.A. Bailey. Sport Performance Enhancement Education and Development (SPEED) Center, Dept. of Exercise Science, LaGrange College, LaGrange, GA 30240

P67  CHILDHOOD INHIBITORY CONTROL MAY PREDICT ADOLESCENT PHYSICAL ACTIVITY AND EATING BEHAVIORS
AB Slutsky, JA Janssen, J Kolacz, L Shanahan, SD Calkins, CA Lovelady, SP Keane, JM Dollar, L Wideman, University of North Carolina at Greensboro, Greensboro, NC 27412

P68  ASSOCIATION BETWEEN EXERCISE ENGAGEMENT BELIEFS AND CHANGES IN NON-EXERCISE ACTIVITY THERMOGENESIS
E.D. Hathaway, M.V. Fedewa, S. Higgins, M.R. vanDellen, E.M. Evans, and M.D. Schmidt. Department of Kinesiology, University of Georgia, Athens, GA 30602

P69  THE EFFECT OF PREVIOUS ACCOMPLISHMENTS ON PERFORMANCE IN INACTIVE, COLLEGE-AGED FEMALES
S. Bailey, J. Hill, R. Salstrand, M.R. Marshall, J.K. Petrella, FACSM, Department of Kinesiology, Samford University, Birmingham AL 35229

P70  ASSESSMENT OF BREAKFAST AND PHYSICAL ACTIVITY HABITS IN COLLEGE STUDENTS
M. Avery, E. Wells, B. Catanzarito, & J. Bunn. Dept. of Exercise Science, Campbell University, Buies Creek, NC 27506

P71  IMPACT OF AN AFFECT-BASED EXERCISE PRESCRIPTION ON AEROBIC FITNESS AND EXERCISE ADHERENCE
N.B. Doolen & W.R. Bixby. Dept. of Exercise Science, Elon University, Elon, NC 27244
P72 PROOF OF CONCEPT OF A MOBILE HEALTH WELLNESS PROGRAM FOR DIALYSIS PATIENTS WAIT-LISTED FOR TRANSPLANTATION
JC Sieverdes, T Armstrong, C Carroll, C Daniels, L Owens, S Savoie, A Smith, KJ Ruggiero, PK Baliga, FA Treiber, C Jenkins. College of Nursing, Medical University of South Carolina, Charleston, SC 29425

P73 CASE REPORT: SKELETAL MUSCLE MITOCHONDRIAL CAPACITY AND ENDURANCE IN A PERSON WITH FRIEDREICH’S ATAXIA
H.M. Bossie and K.K. McCully, FACSM. Dept. of Kinesiology, University of Georgia, Athens, Georgia 30602

P74 THE EFFECTS OF AN 8-WEEK SELF-SELECTING PROGRESSIVE FITNESS PROGRAM ON AN UNINSURED ADULT POPULATION
MM. Uftring, DJ. Szymanski, and BH. Romer Department of Kinesiology, Louisiana Tech University, Ruston, LA

P75 THE ASSOCIATIONS BETWEEN EXERCISE AND QUALITY OF LIFE IN OLDER ADULTS WITH ARTHRITIS
L.M. Marioneaux, C.A. Gonzalez, H. Saleem, and N.W. Saunders. Dept. of Health, Athletic Training, Recreation, & Kinesiology, Longwood University, Farmville, VA 23909

P76 WORKSTATIONS TO INCREASE WORKPLACE PHYSICAL ACTIVITY AND REDUCE SITTING TIME: A PILOT STUDY
Joshua Brown, Battogtokh Zagsuren, K. Jason Crandall, Mark A. Schafer, T. Scott Lyons, Dustin Falls, and Alyssa Olenick. School of Kinesiology, Recreation, and Sport, Western Kentucky University, Bowling Green, KY. 42101

P77 EFFECTS OF FUNCTIONAL LIMITATIONS ON HYPERTENSION STATUS
WJ. Stone and SL. Johnson, Dept of Health & Human Performance, Middle TN State Uni., Murfreesboro, TN

P78 A FEASIBILITY STUDY OF A PHYSICAL ACTIVITY AND NUTRITION INTERVENTION IN WOMEN UNDERGOING CHEMOTHERAPY TREATMENT FOR BREAST CANCER
Sarah Oliver BS, Shannon Mihalko PhD, Rebecca Moffett MS, Peter Brubaker PhD, Gary Miller PhD. Department of Health and Exercise Science, Wake Forest University, Winston-Salem, NC

P79 CANCER EXERCISE REHABILITATION IN A NON-TRADITIONAL SETTING USING AN ACADEMIC INTERNSHIP MODEL TO DEVELOP ADMINISTRATIVE POLICY PROTOCOL
Zachary S. Villarrubia, Jonathan S. Phillips, Suzanne L. McDonough, PhD, Department of Kinesiology, Mississippi College, Clinton, Mississippi

P80 COMPARISON BETWEEN LAND-BASED AND AQUATIC THERAPIES ON MOBILITY AND RANGE OF MOTION IN OLDER ADULTS WITH ARTHRITIS

P81 EFFECT OF SELF-REPORTED LOW BACK AND HIP PAIN ON PELVIS, TRUNK AND SHOULDER KINEMATICS DURING A LACROSSE THROW
Joseph G. Wasser, Cong Chen, Heather K. Vincent, University of Florida, Gainesville, FL

P82 SLEEP DEPRIVATION, ATTENTIONAL FOCUS, AND BALANCE
JA Diekfuss, JA Janssen, AB Slutsky, NT Berry, JL Etnier, L Wideman, & LD Raisbeck, Department of Kinesiology, UNC-Greensboro, Greensboro, NC, 27410

P83 EFFECTS OF LOWER BODY ISOMETRIC STRENGTH AFTER VARIOUS WARM-UP PROTOCOLS
VL. Cazás-Moreno, JR Gdovin, CC. Williams, SJ Wilson, JC. Garner. Dept. of Health, Exercise Science and Recreation Management, The University of Mississippi, University, MS, 38677

P84 RELATIONSHIP BETWEEN SCAPULAR DYSKINESIS AND SINGLE LEG SQUAT KINEMATICS: A PILOT STUDY
Lisa E. Henning, Matthew M. Hanks, Gretchen D. Oliver, FACSM. Auburn University, Auburn, AL
EFFECTS OF FATIGUE ON PELVIC AND TORSO CONTROL IN NCAA DIVISION I SOFTBALL ATHLETES
S.S. Gascon, J.A. Rhoads, K.R. Lohse, and G.D. Oliver. School of Kinesiology, Auburn University, Auburn, AL 36832

FORCE INCREASES WITH LEG EXTENSION
J. Fox\textsuperscript{1}, A. Jagodinsky\textsuperscript{2}, C. Wilburn\textsuperscript{2}, L. Smallwood\textsuperscript{2} & W. Weimar\textsuperscript{2}, \textsuperscript{1}\text{School of Health Sciences, Methodist University, Fayetteville, NC, \textsuperscript{2}\text{School of Kinesiology, Auburn University, Auburn, AL}

EFFECTS OF EVENT SPECIALTY, GENDER, AND LEG DOMINANCE ON THE RUNNING KINETICS OF HIGH SCHOOL TRACK AND FIELD ATHLETES
Stewart, T., Kimble, A., Brown, J., Holmes, M., Chander, H., & Knight, A., Mississippi State University, Mississippi State, MS 39762

EXAMINATION OF DIFFERENCES IN CLINICAL BALANCE MEASURES AND PERCEIVED FEAR OF FALLING IN BREAST CANCER SURVIVORS
J. Hibberd, M. Cullen, J. Basiliere, C. Ketcham, D. Murphy, and E. Evans. Departments of Exercise Science and Physical Therapy Education, Elon University, Elon, NC 27244

DOMINANT VS. NON-DOMINANT SIDE RANGE OF MOTION, STRENGTH, AND FLEXIBILITY IN ACTIVE COLLEGE STUDENTS: A PILOT STUDY
TE. Holt, GD. Oliver. School of Kinesiology, Auburn University, Auburn, AL 36849

EFFECTS OF KNEE VARUS ALIGNMENT ON KNEE FRONTAL PLANE BIOMECHANICS DURING STATIONARY CYCLING
Guangping Shen, Hunter J Bennett, Songning Zhang, University of Tennessee, Knoxville, TN 37996

INFLUENCE OF MILITARY BOOT TYPES AND PHYSIOLOGICAL WORKLOAD ON LOWER EXTREMITY MUSCLE ACTIVATION
J.D. Simpson, C.M. Hill, H. DeBusk, T. Stewart, B.L. Miller, A.C. Knight, & H. Chander, Department of Kinesiology, Mississippi State University, Mississippi State, MS 39762

LOWER EXTREMITY MUSCLE ACTIVITY IN ALTERNATIVE FOOTWEAR DURING SLIP EVENTS: A PRELIMINARY ANALYSIS
H. Chander\textsuperscript{1}, J.C. Garner\textsuperscript{2}, C. Wade\textsuperscript{3}, A.C. Knight\textsuperscript{1}, H. DeBusk\textsuperscript{1} & C.M. Hill\textsuperscript{1}, \textsuperscript{1}\text{Department of Kinesiology, Mississippi State University, Mississippi State, MS 39762; \textsuperscript{2}\text{Department of Health & Exercise Science, University of Mississippi, University, MS 38655; \textsuperscript{3}\text{Department of Industrial & Systems Engineering, Auburn University, Auburn, AL 36849

IMPACT OF MILITARY BOOT TYPE AND PHYSICAL WORK LOAD ON DYNAMIC BALANCE
B.L. Miller, H. DeBusk, C.M. Hill, T. Stewart, J.D. Simpson, A.C. Knight, H. Chander, Department of Kinesiology, Mississippi State University, Mississippi State, MS 39762

INTERACTION OF SHOE TYPE ON STRIDE PARAMETERS
L.L. Smallwood, C.M. Wilburn, A.E. Jagodinsky, N.H. Moore, M.W. Kitchens, K. Bois, & W.H. Weimar, School of Kinesiology, Auburn University, Auburn, AL 36849

HIGH- COMPARED TO LOW-ARCHED ATHLETES EXHIBIT LOWER FRONTAL PLANE STIFFNESS DURING BAREFOOT RUNNING
Brett A. Windsor\textsuperscript{1}, D.S. Blaise Williams\textsuperscript{2}, Cris Stickle\textsuperscript{3}, Douglas W. Powell\textsuperscript{1}, \textsuperscript{1}\text{Campbell University, Buies Creek, NC; \textsuperscript{2}\text{Virginia Commonwealth University, Richmond, VA; \textsuperscript{3}\text{University of Hawaii, Honolulu, HI

ABERRANT FOOT STRUCTURE IS ASSOCIATED WITH UNIQUE TOTAL AND JOINT WORK VALUES
Rachel N. Plummer\textsuperscript{1}, J. Lee Easley\textsuperscript{1}, Michael A. Mize\textsuperscript{1}, Brett A. Windsor\textsuperscript{1}, D.S. Blaise Williams\textsuperscript{2}, Douglas W. Powell\textsuperscript{1}. \textsuperscript{1}\text{Campbell University, Buies Creek, NC; \textsuperscript{2}\text{Virginia Commonwealth University, Richmond, VA}
DIFFERENCES IN BRAKING AND PROPULSIVE JOINT WORK VALUES IN HIGH-COMPARED TO LOW-ARCHED RUNNERS
Michael A. Mize¹, J. Lee Easley¹, Rachel N. Plummer¹, D.S. Blaise Williams², Douglas W. Powell¹ ¹Campbell University, Buies Creek, NC; ²Virginia Commonwealth University, Richmond, VA

HIGH-COMPARED TO LOW-ARCHED ATHLETES EXHIBIT UNIQUE JOINT WORK DISTRIBUTIONS DURING A LANDING TASK
J. Lee Easley¹, Michael A. Mize¹, Rachel N. Plummer¹, D.S. Blaise Williams², Douglas W. Powell¹, ¹Campbell University, Buies Creek, NC; ²Virginia Commonwealth University, Richmond, VA

LOWER BODY KINEMATICS OF THE RELEVÉ WHILE BAREFOOT AND EN POINTE: A CASE STUDY
N. Houston, S. Horowitz, B. Bonner, A. Brownlow, C. Rudnicki, and J. Davis. Department of Exercise Science, Elon University North Carolina, Elon, NC 27244

10:10-11:00 Clinical Crossover Talk (BALLROOM A&B)
Exercise is Medicine-Childhood Obesity: How Do We Get Our Youth Moving
Pierre Rouzier, MD FACSM (UMass Sports Medicine)
Chair: Ken Barnes, MD, Greensboro Orthopedics

ANDREW KOZAR ACSM PRESIDENTIAL ADDRESS 2016 (Ballroom A&B)
Athletic Engineering for the New Breed of Athlete
Manish Gupta, M.D., FAAOS,
Sports and Orthopedic Center, Boca Raton, Florida
Speaker Introduction: B. Sue Graves, Ph.D., FACSM Florida Atlantic University

12:00-12:50 PAST PRESIDENT’S LUNCH (Teal)

1:15-2:15 BASIC SCIENCE LECTURE 2016 (Ballroom A&B)
Jumping Proficiency: Identifying Those Pesky Explanatory Variables
Lawrence Weiss, Ph.D., Professor
Department of Health Studies, University of Memphis
Presiding: B. Sue Graves, Florida Atlantic University, SEACSM President
Speaker Introduction: B. Sue Graves, Ph.D., FACSM Florida Atlantic University

2:30-4:00 POSTER FREE COMMUNICATIONS III (Studio 220)
P101-P150 Body Composition/Energy Balance/Weight Control Competitive Athletes
Metabolism/Carbohydrate, Lipid, Protein Cardiovascular Physiology
Chair: R. Lee Franco, Ph.D., Virginia Commonwealth University

P101 PREDICTING FRONTAL PLANE KNEE MECHANICAL AXES
Hunter J Bennett, Guangping Shen, Songning Zhang, University of Tennessee, Knoxville, TN 37996

P102 COMPARISON OF BONE AND BODY COMPOSITION IN AFRICAN AND EUROPEAN AMERICAN WOMEN
Doris J. Morris¹, Larry Proctor², Calvin Cole¹ & L. Jerome Brandon¹, Department of Kinesiology & Health Georgia State Univ. 30303 & B.E.A.M., LLC2, Ruston, LA 71270

P103 THE INFLUENCE OF SEX ON BODY MASS INDEX IN OLDER ADULTS
ET Kelley¹, AL Morgan², MJ Ludy³, ¹School of Kinesiology, University of Southern Mississippi, Hattiesburg, MS 39406; ²School of Human Movement, Sport, and Leisure Studies and ³Department of Public & Allied Health, Bowling Green State University, Bowling Green, OH 43403

P104 THE ASSOCIATION BETWEEN EXERCISE, HABITUAL PHYSICAL ACTIVITY AND ENERGY EXPENDITURE
George L. Grieve, Clemens Drenowatz, Dept. of Exercise Science, University of South Carolina, Columbia, SC 29208

P105 INFLUENCE OF A BODY TYPE TRAINING PROGRAM ON BODY WEIGHT AND CIRCUMFERENCES
BM Theall, KS Early, AB Simoneaux, NM Johannsen; School of Kinesiology, Louisiana State University, Baton Rouge, LA
BODY COMPOSITION AMONG MALE COLLEGE STUDENTS BASED ON PHYSICAL ACTIVITY
SB Bailey, EE Freeman, SH Sellhorst, EA Easley, WF Riner, FACSM. Dept of Exercise Science, University of South Carolina Lancaster, Lancaster SC, 29720

EFFECT OF PHYSICAL ACTIVITY ON BODY FAT PERCENTAGE IN COLLEGE-AGE WOMEN
EE Freeman, SB Bailey, EA Easley, SH Sellhorst, WF Riner, FACSM. Dept of Exercise Science, University of South Carolina Lancaster, Lancaster SC, 29720

PREDICTORS OF IMPLICIT AND EXPLICIT WEIGHT BIAS IN A SAMPLE OF COLLEGE STUDENTS
CM. Lakatos, SP. Love, & AE. Rote University of North Carolina-Asheville, Asheville, NC, 28804

COMPARISON OF THE BODY ADIPOSITY INDEX, BIOELECTRICAL IMPEDANCE ANALYSIS, AND AIR DISPLACEMENT PLETHYSMOGRAPHY IN COLLEGIATE DIVISION II FEMALE SOCCER PLAYERS
Ashley N. Hoden, Brian M. Tyo, Clayton R. Nicks, and Michael Mangum, Columbus State University, Columbus, GA

IMPACT OF BIOLOGICAL ATTRACTIVENESS ON BMI AND BODY FAT PERCENTAGE
RJ Schofield, EE Freeman, SB Bailey, SH Sellhorst, EA Easley, WF Riner, FACSM. Dept of Exercise Science, University of South Carolina Lancaster, Lancaster SC, 29720

DOES PHASE ANGLE DETERMINED BY BIA CORRELATE WITH FUNCTION IN PRE-FRAIL TO FRAIL OLDER ADULTS?
B.F. Grubbs, K. Schmitt, J-S. Kim, L.B. Panton. Department of NFES and College of Medicine, Florida State University, Tallahassee, FL 32306

MEAL CHARACTERISTICS AND EATING BEHAVIORS OF FEMALES DURING THE FIRST YEAR OF COLLEGE
G.O. Bailey1, N.K. Rendos2, A.A. Price 1,2. 1Winston-Salem State University, Winston-Salem, NC 27110; 2Gramercy Research Group, Winston-Salem, NC, 27106

ADIPOSITY IS ASSOCIATED WITH PHYSICAL INACTIVITY IN LOW ACTIVE PREGNANT WOMEN
A. Showalter, A. Grant, K. H. Ingram, Department of Exercise Science and Sports Management, Kennesaw State University, Kennesaw, GA

COMPARISONS OF BODY COMPOSITION IN DIVISION 1 FOOTBALL PLAYERS
PE Shaffer, JM McBride, RA Battista. Department of Health and Exercise Science. Appalachian State University, Boone, North Carolina

THE INFLUENCE OF CARBOHYDRATE BEVERAGES ON SALIVARY DPP-IV ACTIVITY
Elise Mann, Caroline E. Hubbard, Leslie E. Neidert, Heidi A. Kluess, FACSM, School of Kinesiology, Auburn University, Auburn, AL 36849

ANTHROPOMETRIC COMPARISONS BETWEEN UNIVERSITY STUDENTS AND EMPLOYEES
K.J. Fabian and N.W. Saunders. Dept. of Health, Athletic Training, Recreation, & Kinesiology, Longwood University, Farmville, VA 23909

VALIDITY OF THE INBODY 720 BIOIMPEDANCE ANALYZER FOR ESTIMATING PERCENT FAT MASS IN PREGNANT WOMEN
G. Sciacchitano, A. Grant, K.H. Ingram. Exercise Science and Sports Management, Kennesaw State University, Kennesaw GA

MID-PREGNANCY PHYSICAL ACTIVITY IS ASSOCIATED WITH POST-PARTUM BODY COMPOSITION
A. Grant, G. Sciacchitano, A. Showalter, Y. Feito, FACSM. KH. Ingram, Kennesaw State University, Exercise Science and Sport Management. Kennesaw GA

THE RELATIONSHIP BETWEEN ABDOMINAL FAT ACCUMULATION AND GESTATIONAL INSULIN RESISTANCE
J. James1, J. Amason2, K.H. Ingram1, 1Exercise Science and Sport Management, 2School of Nursing, Kennesaw State University, Kennesaw, GA
DOSE RESPONSE’S EFFECT ON ENERGY EFFICIENCY SHIFTS IN SEDENTARY OLDER WOMEN FOLLOWING A 16-WEEK TREADMILL WALKING PROTOCOL
Joshua R. Sparks, Charity B. Breneman, Ryan R. Porter, Kimberly P. Bowyer, Sabra Custer, and Xuewen Wang. Department of Exercise Science and College of Nursing, University of South Carolina, Columbia, SC 29208

DIETARY INTAKE OF ULTRA-MARATHON RUNNERS: ASSOCIATION BETWEEN FAT INTAKE AND 100-MILE RACE PERFORMANCE
Robert T. Sanders, Sara E. Mahoney, PhD, Bellarmine University, Louisville, KY 40205

DIFFERENCES IN METABOLIC AND CARDIOVASCULAR RESPONSES TO SUBMAXIMAL EXERCISE BETWEEN CAUCASIAN AND AFRICAN AMERICAN MEN AND WOMEN
S. Bulur, C.D. Noles, B.A. Gower, G. Fisher, Departments of Human Studies, University of Alabama at Birmingham, Birmingham, Alabama Nutrition Sciences, University of Alabama at Birmingham, Birmingham, Alabama

RELATIONSHIP BETWEEN THE HAMSTRINGS TO QUADRICEPS STRENGTH RATIO AND ENDURANCE EXERCISE PERFORMANCE IN TRAINED FEMALE RUNNERS
J.L. Bossi, E. Mullin, M.S. Guyer, V. Paolone, Department of Exercise and Sport Studies, Springfield College, Springfield, MA 01109

RELATIONSHIPS BETWEEN MUSCLE ARCHITECTURE AND MEASURES OF STRENGTH AND POWER IN COLLEGIATE VOLLEYBALL PLAYERS

HIP AND SHOULDER RANGE OF MOTION IN COLLEGIATE SOFTBALL PLAYERS
A. L. Brambeck, H. A. Plummer, G. D. Oliver. School of Kinesiology, Auburn University, Auburn, AL 36849

EVALUATION OF STRENGTH AND CONDITIONING MEASURES WITH ON-COURT SUCCESS IN DIVISION I COLLEGIATE VOLLEYBALL: A RETROSPECTIVE STUDY
J. Bunn, D. Powell, L. C. Eschbach, and, S. Zhang. Dept. of Exercise Science, Campbell University, Buies Creek, NC 27506

THE EFFECTS OF WARM-UP MUSIC VERSUS NO WARM-UP MUSIC ON WINGATE ANAEROBIC TEST PERFORMANCE
M. Zappitelli, J.R. Wojcik, FACSM, and C.J. Bowers. Dept. of Physical Education, Sport and Human Performance, Winthrop University, Rock Hill, SC 29733

ASSESSING ASSISTANT REFEREES’ MOVEMENT PATTERNS DURING THE FIRST HALF OF A PROFESSIONAL SOCCER SEASON
K. Huet\textsuperscript{1,4}, A. Bosak\textsuperscript{2,4}, M. Hawkey\textsuperscript{3,4}. \textsuperscript{1}Kennesaw State University, Kennesaw, GA, \textsuperscript{2}Liberty University, Lynchburg, VA, \textsuperscript{3}Teesside University, Middlesbrough, UK, \textsuperscript{4}Professional Referee Organization, New York, NY

SWEAT RATES AND ELECTROLYTE LOSSES OF FOOTBALL PLAYERS DURING TRAINING CAMP
NP. Lemoine, Jr., \textsuperscript{1} AB. Simoneaux, \textsuperscript{1} MC. Scott, \textsuperscript{1} KS. Early, \textsuperscript{1} S. Mullenix, \textsuperscript{2} J. Marucci, \textsuperscript{2} A. Barker, \textsuperscript{2} TS. Church, \textsuperscript{3} RR. Castle, \textsuperscript{1} NM. Johannsen,\textsuperscript{1,3}; \textsuperscript{1}School of Kinesiology and \textsuperscript{2}Dept. of Athletics, Louisiana State University and \textsuperscript{3}Pennington Biomedical Research Center, Baton Rouge, LA

LONGITUDINAL CHANGES IN MUSCLE ARCHITECTURE, REACTIVE STRENGTH, AND EXPLOSIVE ABILITY IN COLLEGIATE VOLLEYBALL PLAYERS THROUGHOUT A COMPETITIVE SEASON

THE EFFECTS OF CAFFEINE ON EARLY SECOND HALF SPRINT PERFORMANCE IN NCAA DIII WOMEN’S SOCCER PLAYERS
THE IMPORTANCE OF SLEEP IN CONCUSSION BASELINE NEUROCOGNITIVE TESTING IN COLLEGIATE STUDENT-ATHLETES

HAS THE GAP IN SWIM PERFORMANCE BETWEEN MEN AND WOMEN STABILIZED IN THE UNITED STATES SINCE TITLE IX?
A.E. Swanson, M.T. Wittbrodt, and M. Millard-Stafford. School of Applied Physiology, Georgia Institute of Technology, Atlanta, GA, 30317

ALTERATIONS IN BODY MASS AND VERTICAL JUMP HEIGHT THROUGHOUT A COLLEGIATE BASEBALL SEASON

DOES EXPLOSIVE CONCENTRIC ONLY RESISTANCE TRAINING ALTER ACUTE PERFORMANCE?
N.B. Calhoun and T.C. McInnis. Sport Performance Enhancement Education and Development (SPEED) Center, Dept. of Exercise Science, LaGrange College, LaGrange, GA 30240

SOMATOSENSORY PROCESSING AND NEUROCOGNITIVE PERFORMANCE DURING RECOVERY FROM CONCUSSION
J. Beck, P. Douglass, S. Folger, W. Bixby, C. Ketcham, E. Hall, K. Patel, Elon University, Elon, NC

ANALYZING SWAY VELOCITY OF THE BEST AND WORST PERFORMERS ON A 1-FOOT BALANCE TESTS IN COLLEGE FOOTBALL PLAYERS
J.T. Wight, C.T. Robertson, and M.P. Phillips. Dept. of Kinesiology, Jacksonville University, Jacksonville, FL 32211

DOES PERFORMANCE ON 1-FOOT BALANCE TESTS PREDICT PERFORMANCE ON 2-FOOT BALANCE TESTS FOR COLLEGE FOOTBALL PLAYERS?
C.T. Robertson, J.T. Wight, and M.P. Phillips. Dept. of Kinesiology, Jacksonville University, Jacksonville, FL 32211

EFFECTS OF STATIC STRETCHING VS. DYNAMIC WARM-UP ON JUMP PERFORMANCE OF HIGH SCHOOL AGED FOOTBALL PLAYERS
P. Saracino, C. Todd, S. Odom, L. Sprod, College of Health and Human Services, University of North Carolina Wilmington, Wilmington, NC 28403

PITCHING PERFORMANCE AFTER TOMMY JOHN SURGERY
G Foster, JM Green, University of North Alabama, Florence, AL

EFFECTS OF AN ACUTE BOUT OF EARLY MORNING EXERCISE ON COGNITIVE FUNCTION IN ADOLESCENT ATHLETES
Aaron J. Parker and Matthew T. Mahar, FACSM, East Carolina University, Department of Kinesiology, Greenville, NC 27858

EFFECTIVENESS OF TENS UNIT ON QUADRICEPS MUSCULAR ENDURANCE DURING WEIGHT BEARING EXERCISE
G. Candler-Miller, R. Lineback, S. Patino, N. Goodwin, T. O’Sullivan. School of Health and Applied Human Sciences, University of North Carolina Wilmington, Wilmington, NC 28403

KNOWLEDGE OF RUNNING PACE DOES NOT AFFECT AVERAGE PACE IN RECREATIONAL RUNNERS
Nicholas A. Puleo and Kirk A. Abraham, Exercise Science Program, Transylvania University, Lexington, KY 40508

BAT SWING ANALYSIS WITH THE ZEPP SENSOR
J.J. Batcher and C.A. Bailey. LaGrange College, LaGrange, GA 30240

EXAMINING EXERCISE-INDUCED BLOOD FLOW IN GROUPS WITH DIFFERING MUSCLE MASSES: IMPLICATIONS FOR AGING AND GENDER STUDIES
Ryan S. Garten¹, H. Jonathan Groot²,³, Matthew J. Rossmann⁴, Jayson R. Gifford²,⁵, and Russell S. Richardson²,³,⁵. ¹Department of Kinesiology and Health Sciences, Virginia Commonwealth University, Richmond, VA. ²Geriatric Research, Education, and Clinical
P146  **HETEROGENEOUS CIRCULATING ANGIogenic CELL RESPONSES TO MAXIMAL EXERCISE**
Shill DD, Marshburn MP, Hempel HK, Lansford KA, Jenkins NT. Department of Kinesiology, University of Georgia, Athens, GA 30602

P147  **HETEROGENEITY OF THE HEART RATE VARIABILITY RESPONSE TO SLEEP DEPRIVATION**
BR Horrell, JA Janssen, AB Slutsky, NT Berry, JA Diekfuss, JL Etnier, LD Raisbeck, LWideman. University of North Carolina at Greensboro, Greensboro, NC 27412

P148  **THE EFFECT OF CADENCE ON ENERGY EXPENDITURE WHILE CYCLING**
R.L. Doiron, D.C. Potter and R.W. Thompson. Exercise Science Department, Arnold School of Public Health, University of South Carolina, Columbia 29208

P149  **AEROBIC FITNESS AND BLOOD PRESSURE IN VERY LOW BIRTH WEIGHT AND NORMAL BIRTH WEIGHT ADOLESCENTS: IS THE RENIN ANGIOTENSIN SYSTEM (RAS) A MEDIATOR?**

P150  **SENSITIVITY OF THE VASCULAR RESPONSE RANGE IN DETERMINING AEROBIC FITNESS**
Preston L. Bell; Lena M. Cialdella; Daniel P. Credeur, School of Kinesiology, University of Southern Mississippi, Hattiesburg, MS, 39406

2:30-4:30  **SYMPOSIUM SESSION VII (Redbud)**
S7  **INTERROGATION OF MITOCHONDRIAL FUNCTION FROM THE CELL TO THE WHOLE BODY**
L. Bruce Gladden¹, FACSM; Brian Glancy²; Andreas N. Kavazis¹, FACSM; Kevin K. McCully³, FACSM. ¹School of Kinesiology, Auburn University, Auburn, AL 36849; ²National Heart, Lung, and Blood Institute, Bethesda, MD 20894; ³University of Georgia, Athens, GA 30605
Chair: Amy Knab Ph.D., Queens University

2:30-4:30  **SYMPOSIUM SESSION VIII (Regency C)**
S8  **COMMUNITY-BASED PHYSICAL ACTIVITY RESEARCH: OPPORTUNITIES AND CHALLENGES**
Bhibha M. Das, PhD, MPH and Deirdre Dlugonski, PhD, Department of Kinesiology, East Carolina University, Greenville, NC 27858
Chair: Gary Liguori, Ph.D., University of Tennessee - Chattanooga

2:30-4:00  **THEMATIC POSTERS SESSION III (Crepe Myrtle)**
TP17-TP24  **Lower Body Biomechanics, Footwear, and Balance**
Chair: Gretchen Oliver, Ph.D., Auburn University

TP17  **ANKLE KINEMATICS IN ALTERNATIVE FOOTWEAR DURING SLIP EVENTS**
SJ. Wilson¹, H. Chander², C.Wade³, VL. Cazas¹, JR. Gdovin¹, CC. Williams¹, and JC. Garner¹; ¹University of Mississippi, University MS; ²Mississippi State University, Mississippi State MS; ³Auburn University, Auburn AL

TP18  **OCCUPATIONAL FOOTWEAR’S EFFECT ON BALANCE**
JR. Gdovin¹, H. Chander², C. Wade¹, SJ. Wilson¹, VL. Cazás-Moreno¹, CC. Williams¹ & JC. Garner¹; ¹University of Mississippi, University, MS; ²Mississippi State University, MS State, MS

TP19  **BALANCE TRAINING DOES NOT IMPROVE BALANCE PERFORMANCE WHILE DUAL-TASKING IN CHRONIC ANKLE INSTABILITY PATIENTS**
C.J. Burcal¹, E.A. Wikstrom². ¹Dept. of Kinesiology, University of North Carolina at Charlotte, Charlotte, NC; ²Dept. of Exercise & Sport Science, Chapel Hill, NC
TP20  BALANCE TRAINING DOES NOT IMPROVE BALANCE PERFORMANCE WHILE DUAL-TASKING IN CHRONIC ANKLE INSTABILITY PATIENTS  
C.J. Burcal¹, E.A. Wikstrom². ¹Dept. of Kinesiology, University of North Carolina at Charlotte, Charlotte, NC; ²Dept. of Exercise & Sport Science, Chapel Hill, NC

TP21  THE IMPACT OF SOCK TYPE ON THE CENTER OF PRESSURE AND SPATIO-TEMPORAL PARAMETERS OF GAIT  

TP22  EFFECTS OF MILITARY TYPE FOOTWEAR AND WORKLOAD ON STATIC BALANCE  
H. DeBusk, C.M. Hill, T. Stewart, B.L. Miller, J.D. Simpson, A.C. Knight & H. Chander, Department of Kinesiology, Mississippi State University, Mississippi State, MS 39762

TP23  FOOTWEAR DESIGN CHARACTERISTIC'S IMPACT ON LOWER EXTREMITY MUSCLE ACTIVITY  
CC. Williams, H. Chander, C. Wade, S.J. Wilson, VL. Cazás, JR. Gdovin, JC. Garner, Department of Health, Exercise Science and Recreation, University of Mississippi, University, MS 38655; Department of Kinesiology, Mississippi State University, Mississippi State, MS 39762; Department of Industrial & Systems Engineering, Auburn University, Auburn, AL 36849

TP24  POSTURAL CONTROL OUTCOMES IMPROVE FROM PROLONGED RECOVERY TIME IN MICE WITH SURGICALLY SPRAINED ANKLES  
Ashley L. Duncan¹, Tricia H. Turner¹, FACSM, Mike J. Turner¹, Erik A. Wikstrom², FACSM: ¹University of North Carolina at Charlotte, Charlotte, NC. ²University of North Carolina at Chapel Hill, Chapel Hill, NC

2:30-3:30  TUTORIAL SESSION VIII (Ballroom G)  
T8  ACUTE VS CHRONIC EXERCISE INDUCED IMPROVEMENTS IN CARDIOMETABOLIC HEALTH: DOES INTENSITY MATTER?  
Gordon Fisher, Ph.D., Eric P. Plaisance, Ph.D., and Gary R. Hunter Ph.D. Department of Human Studies, Division of Kinesiology, Exercise and Nutritional Physiology Laboratory, University of Alabama at Birmingham, Birmingham, AL 35294  
Chair: Brian Irving, Ph.D., Louisiana State University

3:00-4:00  TUTORIAL SESSION IX (Ballroom H)  
T9  THE INFLUENCE OF OVERWEIGHT AND RELATED COMPLICATIONS ON ACADEMIC PERFORMANCE IN ADOLESCENTS  
L. Jerome Brandon, Department of Kinesiology & Health, Georgia State Univ., Atlanta, GA 30303  
Chair: Michael Turner, Ph.D., University of North Carolina Charlotte

3:30-4:30  TUTORIAL SESSION X (Ballroom G)  
T10  CLINICAL IMPLICATIONS OF BI-ARTICULAR MUSCLE ACTIONS  
D. Landin, M. Thompson, and M. Reid. School of Kinesiology, Louisiana State University, Baton Rouge, LA 70803  
Chair: John Garner, Ph.D., University of Mississippi

4:30-5:50  STUDENT BOWL (Ballroom A&B)  
MC: Judith A. Flohr, FACSM  
Professor Emeritus  
James Madison University

6:00-7:30  SEACSM GRADUATE STUDENT FAIR (Teal)  

SATURDAY, February 20, 2016

8:00-12:00  EXHIBITS (Prefunctionary Area)

8:00-9:30  POSTER FREE COMMUNICATIONS III (Studio 220)  
P151-P199  Biomechanic/Gait/Balance II  Fitness/Testing/Assessment II  
Endocrinology/Immunology  Hematology/Immunology  
Motor Control  
Chair: Kevin Zwetsloot, Ph.D., Appalachian State University
BILATERAL DIFFERENCES IN GROUND REACTION FORCE AND TIME BETWEEN A SQUAT JUMP AND A COUNTERMOVEMENT JUMP
Aundrea J. Vealey, Lindsay M. Cox, William R. Barfield-Department of Health and Human Performance, College of Charleston, Charleston, SC, 29424

THE EFFECT OF ARCH TYPE AND SOCK TYPE DURING SHOD GAIT WITH A RUNNERS LOOP LACING STRATEGY

INFLUENCE OF ARCH HEIGHT AND SOCK TYPE ON TOE-IN AND TOE-OUT DURING GAIT

THE IMPACT OF ATHLETIC AND COTTON SOCKS ON TOE IN AND OUT AND WALKING VELOCITY DURING SHOD GAIT

THE EFFECT OF ARCH TYPE AND SOCK TYPE DURING SHOD GAIT
E.A. Javage, C.M. Wilburn, J.W. Fox, C.E. Nabity, A.E. Jagodinsky, L.L. Smallwood & W.H. Weimar, School of Kinesiology, Auburn University, Auburn, AL 36849

THE IMPACT OF SOCK TYPE ON STRIDE LENGTH AND STRIDE FREQUENCY

INTERACTION OF ARCH TYPE AND VARIOUS SOCKS ON CENTER OF PRESSURE DEVIATION
C.E. Nabity, C.M. Wilburn, J.W. Fox, E.A. Javage, A.E. Jagodinsky, L.L. Smallwood & W.H. Weimar, School of Kinesiology, Auburn University, Auburn, AL 36849

BILATERAL EFFECTS OF SHORT-LEG WALKING BOOTS ON FRONTAL PLANE JOINT ANGLES
Lage¹, S., Fox², J., Zhang³, S., 1Powell¹, D., ¹Campbell University, Buies Creek, NC; ²Methodist University, Fayetteville, NC; ³The University of Tennessee, Knoxville, TN

HEEL HEIGHT EFFECTS ON LOWER EXTREMITY COORDINATION: A PILOT STUDY
H. Lu, Z. Harris, J.K. Trammell, and B.H. Romer. Dept. of Kinesiology, Louisiana Tech University, Ruston, LA 71270

ASSESSMENT OF LOWER EXTREMITY JOINT KINETICS DURING A CONTINUOUS BOUT OF KETTLEBELL SWINGS
A.E. Jagodinsky, D. Costello, C.M. Wilburn, L.L. Smallwood, W.H. Weimar. School of Kinesiology, Auburn University, Auburn, AL 36849

THE IMPACT OF ALTERED VISUAL INPUT AND AUDITORY STIMULATIONS ON BALANCE AND POSTURAL STABILITY
Nathan Norris, Sara Hackney, Jennifer Bunn, and Douglas Powell. Campbell University Dept. of Exercise Science, Buies Creek, NC

COMPARRED ANALYSIS OF MUSCLE ACTIVATION DURING PISTON RESISTANCE TRAINING AND FREE-WEIGHT TRAINING
N. Hernandez, M.Sanderford, D. Powell, and J. Bunn. Dept. of Physical Therapy, Campbell University, Bueis Creek NC 27546

IMPACT OF MILITARY TYPE FOOTWEAR AND WORKLOAD ON MUSCLE ACTIVITY IN STATIC BALANCE
C.M.Hill, H.DeBusk, T.Stewart, J.D.Simpson, B.L.Miller, A.C.Knight,  H.Chander, Department of Kinesiology, Mississippi State University, Mississippi State, MS 39762

TO WINDOW OR NOT TO WINDOW? THE EFFECTS OF WINDOW THRESHOLDS ON KNEE ISOKINETIC TESTING
A.C. Merritt, B.L. Riemann, G.J. Davies. Biodynamics and Human Performance Center, Armstrong State University, Savannah, GA 31419

P165 FITNESSGRAM HEALTHY FITNESS ZONE, SEDENTARY TIME AND SELF-ESTEEM AMONG HISPANIC CHILDREN IN PUERTO RICO
Marcos Abimael Amalbert-Birriel, Maria Enid Santiago-Rodríguez, Alexis González-Rodríguez, Lucia del R. Martínez-Colón, Mercedes Rivera, Farah A. Ramírez-Marrero, FACSM, University of Puerto Rico-Rio Piedras Campus, San Juan, PR

P166 RELIABILITY OF UPPER EXTREMITY ISOKINETIC PUSH AND PULL WORK TESTING
R. Smith Mowbray, K. Krajewski, G.J. Davies, B.L. Riemann, Biodynamics and Human Performance Center, Armstrong State University, Savannah, GA 31419

P167 TECHFIT: TEACHING ENGINEERING CONCEPTS TO HARNESS FUTURE INNOVATORS AND TECHNOLOGISTS
M.G. Flynn, A. Harriger, S.M. Flynn, and B.C. Harriger. Department of Health and Human Performance, College of Charleston, SC, 29424 and Purdue Polytechnic Institute, Purdue University, West Lafayette, IN 47907

P168 WHAT IS THE MINIMUM VO2max FOR PROFESSIONAL FIRE FIGHTERS?
R.W. Thompson. Department of Exercise Science, Arnold School of Public Health, University of South Carolina, Columbia, SC 29208

P169 HUMAN PERFORMANCE ASSESSMENTS IN AN ARMY ROTC CADET POPULATION
J.H. Hornsby, D.P. Meckley, K. Warr, M. Armburst, J. Miller, J. Boyle, and J.E. Schoffstall, FACSM. Dept. of Health Professions, Liberty University, Lynchburg, VA 24515

P170 WHOLE BODY AND MUSCLE TISSUE FACTORS THAT INFLUENCE ENDURANCE
Samuel P Cauffman1, D Enette Larson-Meyer2, Bradley R Newcomer3, & Gary R Hunter1, 1Department of Human Studies, University of Alabama at Birmingham; 2Family & Consumer Science, University of Wyoming; 3Honors Program, James Madison University

P171 IMPACT OF VARIOUS CONCURRENT TRAINING INTERVENTIONS ON 1RM BENCH

P172 FOAM ROLLING IMPROVES SIT-AND-REACH WITH NO DETRIMENT TO EXPLOSIVE EXERCISE PERFORMANCE
E. Richman, B. Tyo, M. Mangum, and C. Nicks. Exercise Science Program, Columbus State University, Columbus, Georgia

P173 THE EFFECT OF TYPE OF WORKSTATION ON COGNITIVE PERFORMANCE
C. Cullum, S.K. Hutchison, K. Stanford, J.K. Petrella, FACSM, and M.R. Marshall, Department of Kinesiology, Samford University, Birmingham, AL 35229

P174 COMPARISON OF PEAK MECHANICAL POWER ESTIMATES IN LONGITUDINAL VERTICAL JUMP MONITORING

P175 PHYSIOLOGICAL RESPONSES TO REPEATED SPRINTS IN COLLEGIATE SWIMMERS
S.H. Bishop1, G.A. Ryan2, R.L. Herron3, C.P. Katica4, J.C. Casey3 and P.A. Bishop3, 1Univ. of Montevallo, Montevallo, AL 35115, 2Catawba College, Salisbury, NC 28144, 3The Univ. of Alabama, Tuscaloosa, AL 35487, & 4Pacific Lutheran University, Tacoma, WA 98447

P176 THE INFLUENCE OF A BODY TYPE SPECIFIC EXERCISE PROGRAM ON MARKERS OF FITNESS
NE Sutherland, KS Early, BM Theall, AG Nelson, NM Johannsen School of Kinesiology, Louisiana State University, Baton Rouge, LA

P177 ACCURACY OF A CONTACT MAT FOR ASSESSMENT OF VERTICAL JUMP PERFORMANCE
S.A. Bokor, P.-A. Desilets, & M.T. Mahar, Department of Kinesiology, East Carolina University, Greenville, NC, 27858

P178 EFFECTS OF DEHYDRATION ON LACTATE CONCENTRATION DURING CONSTANT-LOAD CYCLING
Seltmann C, JM Green, Miller BL, Simpson JD, Dubroc DR, Keyes AA, Neal KK, Gann JJ, Andre T. Dept. of HPER Universtiy of North Alabama, Florence, AL

**P179 VELOCITY & HR DURING RPE PRODUCTION AT SEA LEVEL VS. ALTITUDE**
Kelley A, Green JM, Simpson J, Miller B, Dept of HPER, UNA, Florence, AL 35632

**P180 HOUSING STATUS IS RELATED TO PHYSICAL HEALTH BUT NOT MENTAL HEALTH IN OLDER ADULTS**
J. A. Snyder, B. M. Loman, and A.O. Brady, Department of Kinesiology, The University of North Carolina at Greensboro, Greensboro, NC 27402

**P181 COMPARISON OF METHODS OF ESTIMATING EXERCISE INTENSITY APPLIED TO GOLF: WALKING VS. RIDING**
Sarah M. Henry, Stacey L. Beam, Wesley Hartlage, Danielle N. Ludlum, G. William Lyerly. Coastal Carolina University, Conway, SC 29528

**P182 THE EFFECTS OF PHYSICAL ACTIVITY TRACKERS ON PHYSICAL ACTIVITY LEVELS IN CHILDREN**
Kaylee King, P Shaffer, AN Taylor, K Moton, JJ Zwetsloot, I Sharaievska, RA Battista Departments of Health & Exercise Science, and Recreation Management & Physical Education, Appalachian State University, Boone, NC 28608

**P183 IS GOLF A VIABLE ALTERNATIVE FORM OF PHYSICAL ACTIVITY FOR INDIVIDUALS WITH HYPERTENSION: RIDING VS. WALKING?**
Wesley Hartlage, Danielle N. Ludlum, Sarah M. Henry, Stacey L. Beam, G. William Lyerly. Department of Kinesiology, Coastal Carolina University, Conway, SC 29528

**P184 BODY COMPOSITION AND STRENGTH CHANGES FOLLOWING 16-WEEKS OF HIGH-INTENSITY FUNCTIONAL TRAINING**

**P185 ENERGY EXPENDITURE OF GOLFING: AN ALTERNATIVE FORM OF PA?**
Danielle N. Ludlam, Stacey L. Beam, Wesley Hartlage, Sarah M. Henry, G. William Lyerly. Department of Kinesiology, Coastal Carolina University, Conway, SC 29528

**P186 EXERCISE-MEDIATED PTX 3 EXPRESSION FROM IN VITRO STIMULATION OF HUMAN PBMCs WITH LPS IN OBESE INDIVIDUALS**
A.L. Slusher, Y. Shibata, M. Whitehurst, A. Maharaj, J.M. Quiles, C-J. Huang. Florida Atlantic University, Boca Raton, FL, 33431; Virginia Commonwealth University, Richmond, VA, 23284

**P187 PATHOGENESIS AND SYMPTOMOLOGY OF THE EXERCISE-HYPOGONADAL MALE CONDITION**
Hooper DR1,2, Schill KE2, Saenz C2, Martini E2, Focht BC2, Volek JS2, Maresh CM2, Kraemer WJ2, 1Department of Health Sciences, Armstrong State University, Savannah, GA 31419, 2Department of Human Sciences, The Ohio State University, Columbus, OH 43210

**P188 HORMONAL STRESS RESPONSE TO EQUAL TRAINING IMPULSES AT DIFFERENT INTENSITIES IN TRAINED CYCLISTS**
Amy R. Lane, Alex Moore, Anthony C. Hackney, FACSM. Applied Physiology Laboratory, Department of Exercise and Sport Science. University of North Carolina, Chapel Hill, NC 27599

**P189 SUSPENSION TRAINING DID NOT LOWER INFLAMMATORY MONOCYTE LEVELS OR PLATELET MONOCYTE COMPLEXES (PMC) IN COLLEGE-AGED FEMALES**

**P190 TESTOSTERONE TO CORTISOL RATIO DYNAMICS FOLLOWING AN EXHAUSTIVE ENDURANCE EXERCISE SESSION**
T. Anderson, A.R. Lane, A.C. Hackney, FACSM. Applied Physiology Laboratory, Department of Exercise and Sports Science, University of North Carolina at Chapel Hill, N.C., USA

**P191 EFFECT OF MENSTRUAL CYCLE PHASE ON BLOOD LACTATE RESPONSE TO SUBMAXIMAL AEROBIC EXERCISE IN EUMENORRHEIC WOMEN**
P192 METHOD FOR MEASURING GRANULOCYTE AND MONOCYTE PHAGOCYTOSIS AND OXIDATIVE BURST ACTIVITY IN HUMAN BLOOD
M.P. Meaney, D.C. Nieman, D.A. Henson, and Q. Jiang., Human Performance Laboratory, North Carolina Research Campus, Appalachian State University, Kannapolis, NC 28081

P193 ESTROGEN EFFECTS ON CORTISOL RESPONSES TO PROLONGED AEROBIC EXERCISE IN EUMENORRHEIC WOMEN
HC. Davis, T. Williams, E. Walz, AR. Lane, T. Anderson, AC. Hackney FACSM. Applied Physiology Laboratory, Dept. of Exercise Science, University of North Carolina, Chapel Hill, NC 27599

P194 VESICULAR MONOAMINE TRANSPORTER 2 MRNA AND PHYSICAL ACTIVITY LEVELS FOLLOWING RE-EXPOSURE TO ESTROGEN

P195 CALSEQUESTRIN 1 MRNA AND PHYSICAL ACTIVITY LEVELS FOLLOWING RE-EXPOSURE TO ESTROGEN

P196 ASSOCIATION OF CALPROTECTIN WITH LEUKOCYTE CHEMOTACTIC AND INFLAMMATORY MEDIATORS FOLLOWING ACUTE AEROBIC EXERCISE
A. Maharaj, A.L. Slusher, M.C. Zourdos, M. Whitehurst, FACSM, B.G. Fico, C-J. Huang, FACSM. Department of Exercise Science and Health Promotion, Florida Atlantic University, Boca Raton, Florida, 33431

P197 THE IMPACT OF OBESITY ON CALPROTECTIN RESPONSE TO ACUTE AEROBIC EXERCISE
B.G. Fico, A.L. Slusher, M. Whitehurst, FACSM, A. Maharaj, and C-J. Huang, FACSM. Department of Exercise Science and Health Promotion, Florida Atlantic University, Boca Raton, Florida, 33431

P198 VARIANCE IN MUSCULAR SLING SYSTEMS BETWEEN HIGH ECONOMY AND LOW ECONOMY RECREATIONAL RUNNERS
NK Rendos, M Eltoukhy, W Smith, JF Signorile, Winston-Salem State University, Winston-Salem, NC 27110; 2 University of Miami, Coral Gables, FL 33146

P199 COMPARATIVE RECOVERY PERIODS IN MEN AND WOMEN TO OPTIMIZE POST-ACTIVATION POTENTIATION VIA THE BACK SQUAT
S.F. Becourtney1, N.K. Rendos2, J.F. Signorile1. 1University of Miami, Coral Gables, FL, 33146; 2Winston-Salem State University, Winston-Salem, NC 27110

8:00-10:00 SYMPOSIUM SESSION IX (Ballroom F)
S9 THE ROLE OF EXERCISE AND PHYSICAL FITNESS IN MODERN MEDICINE
Xuemei Sui, Arnold School of Public Health, University of South Carolina, Columbia, SC, Jennifer Tri Kirk, School of Medicine Greenville, University of South Carolina, Greenville, SC, Peter Kokkinos, Veterans Affairs Medical Center, Washington, DC
Chair: Bridget Peters, Ph.D., Edward Via College of Osteopathic Medicine

8:00-10:00 SYMPOSIUM SESSION X (Ballroom H)
S10 ATP AND BLOOD FLOW: A NEW ROLE FOR THE ENERGY TRANSFER MOLECULE?
Heidi A. Kluess, L. Bruce Gladden, Kirk W. Evansom1, and Leslie E. Neidert. School of Kinesiology, Auburn University, Auburn, AL  36849 and 1Department of Nutrition, Food and Exercise Sciences, Florida State University, Tallahassee FL 32306
Chair: Rebecca Kappus, Ph.D., Appalachian State University
8:00-10:00 SYMPOSIUM SESSION XI (Regency C)
S11 FORGING A PATH TO SCIENTIFIC INDEPENDENCE: FOUR STORIES FROM THE FIELD
JB Moore, MW Beets, AT Kaczynski, GM Turner-McGrievy. Department of Health Promotion, Education, & Behavior, and Department of Exercise Science, University of South Carolina, Columbia, SC, 29208
Chair: Susan Arthur, Ph.D., University of North Carolina - Charlotte

8:00-9:30 THEMATIC POSTERS SESSION VI (Crepe Myrtle)
TP25-TP32 Exercise and Autonomic Control
Chair: Brian Kliszczewicz, Ph.D., Kennesaw State University

TP25 HEART RATE VARIABILITY (HRV) IN RESPONSE TO ORAL GLUCOSE TOLERANCE TEST AND ACUTE EXERCISE IN OVERWEIGHT MEN
KS Early¹, MC Scott¹, N Perret², CJ Lavié³, CP Earnest⁴, NM Johannsen¹. ¹Dept of Kinesiology and ²Student Health Center, Louisiana State University, Baton Rouge, LA; ³John Ochsner Heart and Vascular Institute; New Orleans, LA; ⁴Dept of Health and Kinesiology, Texas A&M, College Station, TX

TP26 EXERCISE RECOVERY INDEX AS AN ASSESSMENT OF SYMPATHETIC ACTIVITY IN OBESE AND NON-OBSESE MALES
A.M. Blanks, M.K. Bowen, H.L. Caslin, C.S. Schwartz, E.O. Acevedo, FACSM, R.L. Franco. Dept. of Kinesiology and Health Sciences, Virginia Commonwealth University, Richmond, VA 23284

TP27 EXPLORING THE EFFECT OF A MAXIMAL EXERCISE TEST ON HEART RATE VARIABILITY IN YOUNG ADULTS
JA Janssen, AB Slutsky, NT Berry, L Shanahan, CA Lovelady, SD Calkins, SP Keane, L Wideman. University of North Carolina at Greensboro, Greensboro, NC 27412

TP28 OUTCOMES OF BLINK REFLEX PARAMETERS WITH AND WITHOUT MOUTHPIECE BEFORE AND AFTER STEADY STATE EXERCISE
J. Brantley¹ and D. P. Garner², ¹Dept. of Health and Human Performance, College of Charleston, Charleston, SC, ²Dept. of Health, Exercise and Sport Science, The Citadel, Charleston, SC

TP29 THE EFFECT OF A NEEDLE STICK ON RESTING HEART RATE VARIABILITY
B. Kliszczewicz, D. Brown, B. Price, W. Hoffstetter, P. Serafini, Y. Feito, FACSM. Kennesaw State University, Department of Exercise Science and Sport Management. Kennesaw, GA 30144

TP30 RESTING VAGAL TONE FOLLOWING A 16-WEEK HIGH-INTENSITY FUNCTIONAL TRAINING INTERVENTION

TP31 INFLUENCE OF MATERNAL EXERCISE ON NEONATAL CARDIAC AUTONOMIC HEALTH
Carmen M Moyer¹, Linda E May²,³, Olivia Holden², Ed Newton³, ¹Dept. of Health & Human Sciences, Bridgewater College, Bridgewater, VA 22812, ²Human Performance Lab, East Carolina University (ECU), Greenville, NC 27834, ³Obstetrics & Gynecology-Maternal-Fetal Medicine, ECU, Greenville, NC 27834

TP32 ACUTE EFFECT OF ENERGY DRINK CONSUMPTION ON HEART RATE VARIABILITY
M.D. Leatherwood¹,², R.L. Herron¹,², and J.E. Wingo, FACSM¹. ¹Department of Kinesiology, The University of Alabama, Tuscaloosa, AL 35487; ²Department of Kinesiology, Auburn University at Montgomery, Montgomery, AL 36124

8:00-9:00 TUTORIAL SESSION XI (Ballroom G)
T11 ACSM AMERICAN FITNESS INDEX®: FROM EVOLUTION TO REVOLUTION IN SOUTHERN CITIES
Walter R. Thompson, Ph.D., FACSM, Associate Dean for Graduate Studies and Research, Regents' Professor, College of Education & Human Development, Georgia State University, Atlanta, Georgia and AFI Advisory Board Chair
Chair: Amanda Price, Ph.D., Winston Salem State University
TUTORIAL SESSION XII (Redbud)

T12  FUNCTIONAL HUMAN MOVEMENTS: ARE THEY BETTER ASSESSMENTS OF ATHLETIC NEUROPERFORMANCE?
N.G. Murray¹, D. Powell², and D.S. Blaise Williams III³. ¹School of Health & Kinesiology, Georgia Southern University, Statesboro, GA. ²Dept. of Physical Therapy, Campbell University, Buies Creek, NC; ³VCU RUN LAB, Dept. of Physical Therapy, Virginia Commonwealth University, Richmond, VA
Chair: Michael Esco, Ph.D., University of Alabama

TUTORIAL SESSION XIII (Ballroom G)

T13  THINKING INSIDE THE BOX: BRIDGING THE GAP BETWEEN TRADITIONAL EXERCISE SCIENCE EDUCATION AND THE MODERN FITNESS WORLD
Brian B. Parr¹, Michael J. Turner², ¹University of South Carolina Aiken, Aiken, SC; ²University of North Carolina Charlotte, Charlotte, NC
Chair: James Churilla, Ph.D., University of North Florida

TUTORIAL SESSION XIV (Redbud)

T14  BYOD IN THE EXERCISE SCIENCES: UTILIZING SMARTPHONE TECHNOLOGY TO CREATE, COLLABORATE, AND COMMUNICATE IN THE CLASSROOM AND BEYOND
Kimberly Reich, High Point University, High Point, NC
Chair: Kelley Strohacker, Ph.D., University of Tennessee

POSTER FREE COMMUNICATIONS V (Studio 220)

P200-P223  Respiratory Physiology
Connective Tissue/Bone/Skeletal Muscle
Epidemiology & Preventative Medicine
Reproduction
Chair: Mark Sarzynski, Ph.D., University of South Carolina

P200  A DYNAMICAL SYSTEMS MODEL FOR PREDICTING OXYGEN UPTAKE DYNAMICS DURING CYCLING
M.J. Mazzoleni, C.L. Battaglini, FACSM, K.J. Martin, E.M. Coffman, B.P. Mann, Dynamical Systems Research Laboratory, Duke University, Durham, NC 27708, Department of Exercise & Sport Science, University of North Carolina at Chapel Hill, Chapel Hill, NC 27599

P201  EFFECTS OF AEROBIC EXERCISE TRAINING ON SKELETAL MUSCLE METABOLIC FUNCTION IN PREMENOPAUSAL WOMEN
Jonathan L. Warren¹, Holly E. Resuehr¹, Barbara A. Gower¹, Douglas R. Moelling¹, Fernando Ovalle², Samuel T. Windham², Marcos M. Bamman³, Gary R. Hunter⁴, and Gordon Fisher⁴. Departments of ¹Nutrition Sciences, ²Medicine, ³Cell, Developmental, and Integrative Biology, ⁴Human Studies, University of Alabama at Birmingham, Birmingham, AL

P202  ROLE OF TESTOSTERONE ON LOAD-MEDIATED HYPERTROPHY IN RATS
R.J. Viverette, M.D. Koceja, S.A. Dua, B. Williams, A.C. Betik, C.A. Timpani, A. Hayes & E.D. Hanson
Department of Exercise and Sport Science, University of North Carolina, Chapel Hill, NC
ISEAL, College of Health & Biomedicine, Victoria University, Melbourne Australia

P203  EXERCISE REVERSES THE PATHOPHYSIOLOGY ASSOCIATED WITH ELEVATED MMP-9 IN A HYPERHOMOCYSTEINEMIC MOUSE MODEL
N. Shaker, M.D.¹, L. J. Winchester, Ph.D.¹, J. M. Maples, Ph.D.¹, S. Veeranki, Ph.D.², S. C. Tyagi, Ph.D.²; ¹School of Kinesiology, Recreation and Sport, Western Kentucky University, Bowling Green, KY; ²Dept. of Physiology and Biophysics, University of Louisville, Louisville, KY

P204  EXERCISE MITIGATES SKELETAL MUSCLE INFLAMMATION AND HYPOXIA IN A HYPERHOMOCYSTEINEMIC MOUSE MODEL
BethAnne Clayton, B.S.¹, Lee J. Winchester, Ph.D.¹, Jill Maples, Ph.D.¹, Sudhakar Veeranki, Ph.D.², Suresh C. Tyagi, Ph.D.²; ¹School of Kinesiology, Recreation and Sport, Western Kentucky University, Bowling Green, KY; ²Department of Physiology and Biophysics, University of Louisville, Louisville, KY

P205  AN EVALUATION OF SELECT PHYSICAL ACTIVITY EXERCISE CLASSES (PEX) ON BONE MINERAL DENSITY
T.M. Stone\(^1\), J. C. Young, FACSM\(^1\), J.W. Navalta\(^1\), and J.E. Wingo, FACSM\(^2\). \(^1\)Department of Kinesiology and Nutrition Sciences, University of Nevada at Las Vegas, Las Vegas, NV, 89154; \(^2\)Department of Kinesiology, University of Alabama, Tuscaloosa, AL 35487

**P206** RELAXIN PROFILES ACROSS THE MENSTRUAL CYCLE IN ACTIVE, EUMENORRHIC WOMEN

ZA Kincaid, NT Berry, SJ Shultz, L Wideman., University of North Carolina at Greensboro, Greensboro, NC 27412

**P207** SKELETAL ADAPTATIONS AFTER 16-WEEKS OF HIGH-INTENSITY FUNCTIONAL TRAINING

W. Hoffstetter, A. Box, H. Mimms, P. Serafini, M. Smith, B. Kliszczewicz, G. Mangine, Y. Feito, FACSM. Dept. Exercise Science and Sport Management. Kennesaw State University, Kennesaw, GA, 30144

**P208** THE EFFECTS OF OVARIAN FUNCTION AND IL-6 IN FIBER TYPE ANALYSIS AND MACROPHAGE INFILTRATION IN FEMALE APCRMIN/+ MOUSE MUSCLE

O. Reszczynski, A. Saum, K. Hetzler, J. A. Carson. Dept of Exercise Science, The University of South Carolina, Columbia, SC 29208

**P209** HEALTHY EATING AND PHYSICAL ACTIVITY (HEPA) IN AFTERSCHOOL PROGRAMS: IDENTIFYING POINTS OF INTERVENTION USING A MOBILE APP


**P210** ASSOCIATIONS OF TOTAL ACTIVITY COUNTS AND BOUTED MINUTES OF MODERATE-TO-VIGOROUS ACTIVITY WITH INSULIN RESISTANCE AND INSULIN SENSITIVITY: NHANES 2003-2006

William R. Boyer\(^1\), Dana L. Wolff-Hughes\(^2\), David R. Bassett FACSM\(^1\), James R. Churilla, FACSM\(^3\), Eugene C. Fitzhugh\(^1\), \(^1\)Department of Kinesiology, Recreation and Sports Studies, University of Tennessee, Knoxville, Tennessee. \(^2\)Division of Cancer Control and Population Sciences, National Cancer Institute, Bethesda, MD. \(^3\)Department of Clinical and Applied Movement Sciences, University of North Florida, Jacksonville, Florida

**P211** CLASSIFICATION OF OCCUPATIONAL ACTIVITY CATEGORIES USING ACCELEROMETER: NHANES 2005-2006


**P212** MODERATE, BUT NOT VIGOROUS, INTENSITY EXERCISE TRAINING REDUCES C-REACTIVE PROTEIN IN YOUNG OVERWEIGHT WOMEN

M.V. Fedewa\(^1\), E.D. Hathaway\(^2\), S. Higgins\(^2\), R.L. Forehand\(^2\), M.D. Schmidt\(^2\), E.M. Evans\(^2\). \(^1\)The University of Alabama, Tuscaloosa, AL. \(^2\)The University of Georgia, Athens, GA

**P213** PHYSICAL ACTIVITY LEVELS, WEIGHT, AND BLOOD PRESSURE IN PRESCHOOL CHILDREN

KD. DuBose, FACSM, M. Chilton, D. Dlugonski, and A. Gross McMillan. Depts. of Kinesiology and Physical Therapy, East Carolina University, Greenville, NC 27858

**P214** EXAMINING COLLEGE STUDENT USAGE OF A NEW CAMPUS GYM FACILITY AT A MINORITY SERVING INSTITUTION

M.D. Miller\(^1\), N.K. Rendos\(^1\), A.A. Price\(^1\), \(^1\)Winston-Salem State University, Winston-Salem, NC 27110; \(^2\) Gramercy Research Group, Winston-Salem, NC, 27106

**P215** WATCH THIS: FORMATIVE ASSESSMENT IN THE DESIGN OF A BEHAVIOR ECONOMICS INTERVENTION FOR THE REDUCTION OF SEDENTARY BEHAVIOR IN FEMALES

O. Affuso, M. Whipple, L. Reid and N. Godfrey. Dept. of Epidemiology, University of Alabama at Birmingham, AL 35294; Dept. of Exercise Science, University of South Carolina, Columbia, SC, 29205

**P216** PREVALENCE OF INDIVIDUAL METABOLIC SYNDROME CRITERION, ELEVATED C-REACTIVE PROTEIN AND PHYSICAL ACTIVITY IN U.S. ADOLESCENTS: NHANES 2007-2010

B.D. Williams\(^1\), M.R. Richardson\(^1\), T.M. Johnson\(^2\), J.R. Churilla\(^1\). \(^1\)Department of Clinical &
P217  WEIGHT FLUCTUATION AND CANCER RISK IN POST-MENOPAUSAL WOMEN: THE WOMEN’S HEALTH INITIATIVE
LM. Welti, BS, DP. Beavers, PhD, MZ. Vitolins, DrPH, H. Sangi-Haghpeykar, MD, PhD, KM. Beavers, PhD. Dept. of Health and Exercise Science, Wake Forest University, Winston-Salem, NC

P218  COMPARING DISTANCE-BASED VS. TIME-BASED EXERCISE PRESCRIPTIONS OF WALKING AND RUNNING FOR IMPROVEMENT OF BLOOD LIPID PROFILE AND BLOOD GLUCOSE
C.E. Morris¹, J.C. Garner², S.G. Owens², M.W. Valliant³, and M. Loftin². ¹School of Kinesiology, Recreation, & Sport, Western Kentucky University, Bowling Green, KY 42101, ²Dept. of Health, Exercise Science, and Recreation Management, The University of Mississippi, University, MS 38677. ³Dept. of Nutrition and Hospitality Management, The University of Mississippi, University, MS 38677

P219  EXPLORING THE VALIDITY OF A NOVEL RETROSPECTIVE SPORT INVOLVEMENT QUESTIONNAIRE IN ADOLESCENTS
SM Espinoza, JA Janssen, J Kolacz, NT Berry, AB Slutskey, L Shanahan, SD Calkins, SK Keane, CA Lovelady, L Wideman. University of North Carolina at Greensboro, Greensboro, NC 27412

P220  ADOLESCENT STRESS, COPING RESOURCES, AND HEALTH IN YOUNG, HIGH RISK STUDENTS PARTICIPATING IN A STUDIO-BASED SUMMER CAMP
Katherine Wood¹, Megan E. Holmes¹, D. Kay Brocato², JohnEric W. Smith¹. Departments of ¹Kinesiology and ²Counseling, Educational Psychology, & Foundations, Mississippi State University, Mississippi State, MS 39762

P221  LOW-INTENSITY PHYSICAL ACTIVITY IS ASSOCIATED WITH MATERNAL SYSTEMIC INFLAMMATION DURING LATE PREGNANCY
Rachel A. Tinius¹, PhD, ACSM-EP-C; Alison G. Cahill, MD, MSCI²; W.Todd Cade, PT, PhD², ¹Western Kentucky University, Bowling Green, KY; ²Washington University School of Medicine, St. Louis, MO

P222  THE RELATIONSHIP OF PHYSICAL ACTIVITY AND SLEEP ON WOMEN IN THEIR THIRD TRIMESTER OF PREGNANCY
Lauren Mountain, Martha Mims Rogers, Mallory R. Marshall, and John K. Petrella, FACSM. Department of Kinesiology, Samford University, Birmingham, AL 35229

P223  PREGNANCY PHYSICAL ACTIVITY BELIEFS AND ATTITUDES IN A NON-PREGNANT POPULATION
K. Hammond, C. Watts, C. Ellis, B. Gray, E. Stallings, M.R. Marshall, J.K. Petrella, FACSM, Department of Kinesiology, Samford University, Birmingham, AL 35229

11:00-12:00 HENRY J. MONTOYE AWARD LECTURE, 2016 (Ballroom C)
Puffers, Panteers, and Partial Pressures: A Career of Heavy Breathing
Speaker, Michael Berry Ph.D., FACSM
Professor and Chair
Wake Forrest University
Presiding: B. Sue Graves, Florida Atlantic University, SEACSM President

12:00-2:00  SEACSM LUNCHEON AND LECTURE (Ballroom A&B) (Register by Feb 5)
Evidence-Based Treatment for Cardiometabolic Disease Accompanying Spinal Cord Disability: Can Exercise Go it Alone?
Mark Nash, Ph.D., FACSM
Professor, Department of Neurological Surgery, Rehabilitation Medicine and Physical Therapy
University of Miami
Presiding: B. Sue Graves, Florida Atlantic University, SEACSM President; Kevin McCully, University of Georgia, SEACSM Past-President

2:00-4:00  SEACSM EXECUTIVE BOARD MEETING (Boardroom)