Wednesday June 5

8:00am - 5:00 pm

Executive Committee Meeting - PISCES - 15th floor

2:00pm - 6:00 pm

Pre-Conference Workshop - NASPSPA/STORK Open Science Practices

Thursday June 6

7:00-8:00 am

Program Chairs Meeting (Current and 2020) PISCES - 15th floor

8:00-9:30 am Verbal Sessions 1

Motor Development 1 - Motor Competence and Physical Health

Constellation EF

Moderator: Mary Rudisill, Auburn University

8:00-8:15 am

Identification of physical and mental health disparities using cluster analysis
*NASPSPA Outstanding Student Paper Award*

Robyn Feiss, Auburn University; Melissa Pangelinan, Auburn University

8:15-8:30 am

Physical fitness, but not specific skill levels nor motor coordination, is associated with coaches’ perception of young soccer players competence.

Vitor P. Lopes, Health Sciences and Human Development (CIDESD); Alvaro Fortunato, Health Sciences and Human Development (CIDESD); Celina Gonalves, Health Sciences and Human Development (CIDESD); Luis P. Rodrigues, Health Sciences and Human Development (CIDESD)

8:30-8:45 am

Overestimation of one's motor competence: discovering different pathways

Julie Galle, Ghent University; Leen Haerens, Ghent University; Jacqueline Megan Irwin, University of South Carolina; David Stodden, University of South Carolina; Bart Soenens, Ghent University; Matthieu Lenoir, Ghent University; Greet Cardon, Ghent University; An De Meester, Ghent University
8:45-9:00 am
A First look at senior female motor competence: Comparison between generations.

Carlos Luz, Instituto Politécnico de Lisboa & CIED, Lisboa, Portugal; Rita Cordovil, CIPER, Universidade de Lisboa, Lisboa, Portugal; Luís P. Rodrigues, Instituto Politécnico de Viana do Castelo, Melgao

9:00-9:15 am
A reciprocal pathway between motor competence and physical activity through health-related fitness in middle childhood

Xiangli Gu, University of Texas at Arlington; Priscila Caçola, University of Texas at Arlington; Xiaoxia Zhang, University of Texas at Arlington; Tao Zhang, University of North Texas

9:15-9:30 am
Can we go out and play? Parental barriers to children’s play outside in 5 different countries

Luis Paulo Rodrigues, Instituto Politécnico de Viana do Castelo; Carlos Luz, Instituto Politécnico de Lisboa; Rita Cordovil, Universidade de Lisboa; Miguel Cam_es, Instituto Politécnico de Viana do Castelo; Ricardo Lima, Instituto Politécnico de Viana do Castelo; Bruno Silva, Instituto Politécnico de Viana do Castelo; Vitor Lopes, Instituto Politécnico de Bragança

Motor Learning and Control 1 - Full/Lower Body Control
Constellation CD
Moderator: Christopher Rhea, University of North Carolina at Greensboro

8:00-8:15 am
Effect of body position and external load on knee joint kinematics during the pendulum test in adults

Diego Ferreira, Georgia State University; Jianhua Wu, Georgia State University

8:15-8:30 am
Does a smartphone application differentiate younger and older adult mobility with a stepping in place task?

Ruth Stout, University of North Carolina at Greensboro; Lauren Higgins, University of North Carolina at Greensboro; Louisa Raisbeck, University of North Carolina at Greensboro; Christopher Rhea, University of North Carolina at Greensboro

8:30-8:45 am
Dynamic structure of COP trajectories and heading change as a potential marker of postural control impairments following a concussion

Jacelyn Patton, Texas Christian University; Adam King, Texas Christian University
8:45-9:00 am
A detrended fluctuation analysis of postural sway during prolonged sloped standing

Adam King, Texas Christian University; Jacey Patton, Texas Christian University; Hadley Lindley, Texas Christian University

9:00-9:15 am
Postural control differences across sex and age

John Palazzolo, University of North Carolina at Greensboro; Daniel Goble, Oakland University; Jeff Labban, University of North Carolina at Greensboro; Scott Ross, University of North Carolina at Greensboro; Donna Duffy, University of North Carolina at Greensboro; Christopher Rhea, University of North Carolina at Greensboro

9:15-9:30 am
Tai Chi standing meditation: Effects on balance in older adults

Brent D. Brayshaw, California State University Fullerton; David D. Chen, California State University Fullerton; Debra J. Rose, California State University Fullerton; Joao A. Barros, California State University Fullerton

Sport and Exercise Psychology 1 - Social Influences
Constellation A
Moderator: Travis Dorsch, Utah State University

8:00-8:15 am
An examination of billet family triads in Junior ice hockey

Emily Wright, Michigan State University; Karl Erickson, Michigan State University

8:15-8:30 am
Parent’s influence on sport climate through their interactions with their children’s coaches and teammates

Evelyne Felber Charbonneau, University of Calgary; Martin Camir, University of Ottawa

8:30-8:45 am
To be alike, or not to be alike, that is the question: Modeling and differentiation among siblings participating in organized youth sport

Keith Osai, Weber State University; Travis Dorsch, Utah State University; Shawn Whiteman, Utah State University

8:45-9:00 am
Latent Profile Analysis: Understanding parental (de)motivating behaviors in youth sports

Sofie Morbée, Ghent University; Gert-Jan De Muynck, Ghent University; Leen Haerens, Ghent University; Nathalie Aelterman, Ghent University; Bart Soenens, Ghent University; Maarten Vansteenkiste, Ghent University
9:00-9:15 am
Developmental trends in physical activity companionship across adolescence

Jodie Stearns, University of Alberta; Mathieu Belanger, Universite de Moncton; Jennifer O’Loughlin, Universite de Montreal; Jennifer Brunet, University of Ottawa

9:15-9:30 am
Examining the relationship between parent physical activity support and physical activity among children and youth with autism spectrum disorder

Denver M. Y. Brown, University of Toronto; Kelly P. Arbour-Nicitopoulos, University of Toronto; Kathleen A. Martin Ginis, University of British Columbia; Amy E. Latimer-Cheung, Queen’s University; Rebecca L. Bassett-Gunter, York University

Sport and Exercise Psychology 2 - Mental Skills
Constellation B
Moderator: Denver Brown, McMaster

8:00-8:15 am
Comparing Division I athletes’ responses to three different mental toughness measures within the strength and conditioning context

Valerie Smith, Wayne State University; E. Whitney G. Moore, Wayne State University

8:15-8:30 am
Meeting them where they are: A holistic model for working with youth athletes to increase mental toughness and enhance performance

Virginia Iannone, Stevenson University

8:30-8:45 am
The impact of an athlete-specific suicide awareness and help-seeking workshop on stigma, literacy and help-seeking intentions in female athletes

Jessica Murphy, Brock University; Philip Sullivan, Brock University

8:45-9:00 am
Self-compassion in sports: Athletes may benefit more from taking a coach’s perspective than a friend’s

Ashley Kuchar, University of Texas at Austin; Spencer Kimball, Brigham Young University
9:00-9:15 am
Do coached and non-coached Masters athletes differ in their reports of psychological need satisfaction and thwarting?

Matt D. Hoffmann, Cape Breton University; Bradley W. Young, University of Ottawa; Scott Rathwell, University of Lethbridge; Chelsea Currie, University of Ottawa; Bettina Callary, Cape Breton University

9:15-9:30 am
The protective impact of a mental skills training session and motivational priming on psychophysiological responses to performance stress.

Candace Hogue, Penn State University (Harrisburg)

9:45-11:15 - Verbal Sessions 2

Motor Development 2 - Cognitive and Motor Processes

Constellation EF
Moderator: Laura Claxton, Purdue University

9:45-10:00 am
Influences of early motor development on language competency in early infancy

Andrew C. Parks, University of Michigan; Kerri L. Staples, University of Michigan; Lu Qu, University of Michigan; Larken R. Marra, University of Michigan; Carissa Wengrovius, University of Michigan; Dale A. Ulrich, University of Michigan

10:00-10:15 am
The relation between fine motor skills and executive functions in 2-year-old children

Lucas Rooney, Purdue University; Laura Claxton, Purdue University

10:15-10:30 am
Elucidating the relationship between self-regulation and motor skills in preschoolers

Indica Sur, University of Michigan; Kara K. Palmer, University of Michigan; Leah E. Robinson, University of Michigan

10:30-10:45 am
Developmental differences in prefrontal cortex activation in an executive function task with high vs. low motor elements

Kimberly Milla, University of Delaware; Elham Bakhshipour, University of Delaware; Amanda Plumb, Federation University Australia; Reza Koiler, University of Delaware; Nancy Getchell, University of Delaware
10:45-11:00 am  
Evaluating the feasibility of INDO-SKIP to promote motor competence and executive function in young, Muslim children in Indonesia

*Ruri Famelia, The Ohio State University; Jacqueline Goodway, The Ohio State University*

11:00-11:15 am  
Sports participation affects the developmental trajectory of brain volume and motor behavior in children and adolescents.

*Justin Moody, Samford University; Melissa Pangelinan, Auburn University*

**Motor Learning and Control 2 - Neural Control of Movement**  
*Constellation CD*  
Moderator: Keith Lohse, University of Utah

9:45-10:00 am  
Application of anodal tDCS at M1 before, during, or after practice does not modify online or offline gains for a serial finger tapping task

*Hakjoo Kim, Texas A&M University; Bradley King, KU Leuven; Willem Verwey, University of Twente; John Buchanan, Texas A&M University; David Wright, Texas A&M University*

10:00-10:15 am  
Understanding the underlying mechanisms of a manual dexterity assessment using Functional Near Infrared Spectroscopy

*Elham Bakhshipour, University of Delaware; Reza Koiler, University of Delaware; Kimberly Milla, University of Delaware; Nancy Getchell, University of Delaware*

10:15-10:30 am  
Connectivity patterns of skill acquisition in left and right hand dominant populations

*Jessica McDonnell, East Carolina University; J.C. Mizelle, East Carolina University*

10:30-10:45 am  
Effects of a robot-assisted sensorimotor training with vibro-tactile feedback on proprioception and motor function in adults with chronic stroke

*I-ling Yeh, Singapore Institute of Technology; Jessica Holst-Wolf, University of Minnesota; Naveen Elangovan, University of Minnesota; Juergen Konczak, University of Minnesota*
10:45-11:00 am
Contralesional motor cortex is causally engaged during more dexterous tasks of the weaker arm after stroke

Dustin Luchmee, Moss Rehabilitation Research Institute; Shailesh Kantak, Moss Rehabilitation Research Institute

11:00-11:15 am
Preliminary evidence that motor planning is slower and more difficult for children with Autism Spectrum Disorder during motor cooperation

Kodey Meyer, Utah State University; Breanna Studenka, Utah State University

Motor Learning and Control 3 - Assessment and Exercise
Constellation B
Moderator: Arya Alami,

9:45-10:00 am
A repeated-measures assessment of golf shot performance at varying distances in collegiate female golfers using the Trackman portable launch monitor

Kevin M. Fisher, Central Michigan University

10:00-10:15 am
Choose your words wisely: Optimizing impacts on standardized performance testing

Lee-Kuen Chua, University of Nevada, Las Vegas; Rebecca Lewthwaite, Rancho Los Amigos National Rehabilitation Center; Gabriele Wulf, University of Nevada, Las Vegas

10:15-10:30 am
Sleep onset latency is improved following assisted cycle therapy in older adults with Down Syndrome
Nathaniel Arnold, Arizona State University; Shannon Ringenbach, Arizona State University; Matthew Dietz, Arizona State University; Kahyun Nam, Arizona State University; Simon Holzapfel, Arizona State University

10:30-10:45 am
The effects of acute and imagined endurance exercise on sustained attention performance
Bjorn Wieland, Goethe-University of Frankfurt am Main; Marie-Therese Fleddermann, Goethe-University of Frankfurt am Main; Karen Zentgraf, Goethe-University of Frankfurt am Main
10:45-11:00 am
Acute high intensity interval training improves motor skill acquisition

Bradley Kendall, Taylor University; Nicholas Siekirk, Georgia Southern University; Qin Lai, Wayne State University

11:00-11:15 am
No Presentation Scheduled

Sport and Exercise Psychology 3 - Cognition and Emotion

Constellation A
Moderator: Amanda Wurz, University of Calgary

9:45-10:00 am
Breathing frequency interventions affect subjective and objective indices of emotion in healthy adults: A systematic review and meta-analysis

Taylor L. Buchanan, University of Florida; Daniel M. Aloise, University of Florida; Christopher M. Janelle, University of Florida

10:00-10:15 am
Emodiversity in breast cancer survivors: Associations with mental and physical health

Jenna Gilchrist, The Pennsylvania State University; Lizbeth Benson, The Pennsylvania State University; Catherine Sabiston, University of Toronto

10:15-10:30 am
Aerobic fitness moderates dynamic processing of negative emotional stimuli in depression

Anthony Bocchine, Rutgers University; Christopher Brush, Rutgers University; Andrew Ude, Rutgers University; Gregory Pappas, Rutgers University; Kristina Muniz, Rutgers University; Brandon Alderman, Rutgers University

10:30-10:45 am
Examining the effectiveness of a physical activity counselling program for improving university students' quality of life

Amy Nesbitt, University of Toronto; Melissa deJonge, University of Toronto; Catherine M. Sabiston, University of Toronto

10:45-11:00 am
Hormonal and psychological responses to a maximal effort run in recreational runners

Madelyn Byra, Child Health & Exercise Medicine Program, McMaster University, Hamilton ON; Matt Andre, Department of Kinesiology, George Mason University, Manassas VA
11:00-11:15 am
Exploring youth's attention, perceptions, and recall of the Canadian 24-Hour Movement Guidelines using eye-tracking technology.

Alexandra Jennifer Walters, Queen's University; Emily M. Tennant, Queen’s University; Alexander Lithopoulos, Queen's University; Shannon E. Weissman, University of Toronto; Amy Latimer-Cheung, Queen’s University

11:30-12:30
Motor Learning and Control Keynote Lecture

Learning and Relearning Movement

Amy Bastian, Johns Hopkins University

12:30-1:45
Past-Presidents Luncheon - PISCES 15th Floor

Students-Faculty Luncheon - PRESIDENT Room

1:45-3:15 - Verbal Sessions 3

Motor Development 3 - Interventions TD/Special Populations

Constellation EF
Moderator: Sara Scharoun Benson, University of Windsor

1:45-2:00 pm
Improvements in aerobic fitness and motor skills following an 8-week adapted sports intervention in adults with developmental disabilities

Zach Hutchison, Auburn University; Loriane Favoretto, Auburn University; Robyn Feiss, Auburn University; Melissa Pangelinan, Auburn University

2:00-2:15 pm
Eliciting moderate-to-vigorous physical activity in preschool children: Comparing intervention strategies

Jerraco Johnson, Auburn University; Danielle Wadsworth, Auburn University; Melissa Pangelinan, Auburn University; Julia Sassi, Auburn University; Michael Morris, Auburn University; Monaye Merritt, Auburn University; Mary Rudisill, Auburn University
2:15-2:30 pm
**Using process and product motor assessment to determine intervention efficacy**

Kara Palmer, University of Michigan; Katherine Scott-Andrews, University of Michigan; Katherine Chinn, University of Michigan; Leah Robinson, University of Michigan

2:30-2:45 pm
**Effects of martial arts training on motor functioning: A scoping review**

Adam Taggart, University of Illinois at Urbana-Champaign; Sean Mullen, University of Illinois at Urbana-Champaign

2:45-3:00 pm
**Changes in motor skill performance following a nine-month mastery motivational climate intervention**

Jerraco Johnson, Auburn University; Mary Rudisill, Auburn University; Peter Hastie, Auburn University; Danielle Wadsworth, Auburn University; Alexandra Venezia, Auburn University; Julia Sassi, Auburn University; Michael Morris, Auburn University; Monaye Merritt, Auburn University; Kamdyn Strunk, Auburn University

3:00-3:15 pm
**Stimulating overestimation of motor competence to promote physical activity: A bridge over troubled water, a stairway to heaven or a highway to hell?**

An De Meester, Ghent University; Jacqueline Megan Irwin, University of South Carolina; David Stodden, University of South Carolina; Julie Galle, Ghent University; Bart Soenens, Ghent University; Greet Cardon, Ghent University; Matthieu Lenoir, Ghent University; Leen Haerens, Ghent University

**Motor Learning and Control 4 - Upper Body Coordination**

**Constellation CD**
Moderator: Adam C. King, Texas Christian University

1:45-2:00 pm
**Emotion and movement quality: Determining the impact of emotion on the smoothness and accuracy of goal-directed arm movements during a tracing task**

Matthew Magennis, University of Florida; Garrett Beatty, University of Florida; Christopher Janelle, University of Florida

2:00-2:15 pm
**Do place-holders produce an exception to Fitts's Law?**

Howard Zelaznik, Purdue University
2:15-2:30 pm
Understanding handwriting pauses in the detailed assessment of Speed of Handwriting Test using fNIRs

Reza Koile, University of Delaware; Elham Bakhshipour, University of Delaware; Kimberly Milla, University of Delaware; Mandy Plumb, Federation University Australia; Nancy Getchell, University of Delaware

2:30-2:45 pm
Using visual and/or kinesthetic information to stabilize intrinsic bimanual coordination patterns is a function of movement frequency

Shaochen Huang, University of Wyoming; Breton Van Syoc, University of Wyoming; Ruonan Yang, Shanghai University of Sport; Taylor Kuehn, University of Wyoming; Derek Smith, University of Wyoming; Qin Zhu, University of Wyoming

2:45-3:00 pm
Predicting bimanual interference in novel coordination tasks

Deanna Kennedy, Texas A&M University; Osmar Pinto Neto, Anhembi Morumbi University; Yen-Ting Chen, University of Texas Health Science Center

3:00-3:15 pm
Using an eye-hand coordination task to screen people with a history of mTB

Autumn Hopkin, University of Wyoming; Shaochen Huang, University of Wyoming; Qin Zhu, University of Wyoming

Sport and Exercise Psychology 4 - Team Processes and Athletic Identity

Constellation A
Moderator: Mark Eys, Wilfrid Laurier University

1:45-2:00 pm
The effects of team-referent attributions on collective efficacy and emotions: Examining the moderating role of social identity

Ross Murray, University of Stirling; Pete Coffee, University of Stirling; Calum Arthur, UK Sport; Robert Eklund, Florida State University

2:00-2:15 pm
Role commitment and team cohesion in youth interdependent sport

Taylor Coleman, Wilfrid Laurier University; Michael Godfrey, Wilfrid Laurier University; Mark Eys, Wilfrid Laurier University
2:15-2:30 pm
Connection with teammates and perceptions of burnout in adolescent athletes

Christine E. Pacewicz, Michigan State University; Alan L. Smith, Michigan State University

2:30-2:45 pm
A whole person profiling approach to fostering the coach-athlete relationship in high-performance sport

Tristan Coulter, Queensland University of Technology; Jarred Parkes, The University of Queensland; Clifford Mallett, The University of Queensland; Allan Hahn, Queensland Academy of Sport

2:45-3:00 pm
Athletic Identity: Complexity of the "Iceberg"

Jamian Newton, University of North Carolina at Greensboro; Erin Reifsteck, University of North Carolina at Greensboro; Diane Gill, University of North Carolina at Greensboro

3:00-3:15 pm
Athletic Identity in Paralympic Sport: A pilot study

Kathryn Rougeau, Oakland University; Stephen Koziel, University of Illinois at Urbana-Champaign; Joshua Joines, University of Illinois at Urbana-Champaign; Xianggui Qu, Oakland University

Sport and Exercise Psychology - 5 - SYMPOSIUM - Social Support in Physical Activity for Cancer Survivors

Constellation B
Moderator/Discussant: Brooke C. Feeney, Carnegie Mellon University

1:45-2:00 pm
Symposium overview

Meghan McDonough, University of Calgary

2:00-2:15 pm
An online matching platform influences physical activity and social support: A pilot study

Angela J. Fong, Queen’s University; Catherine M. Sabiston, University of Toronto

2:15-2:30 pm
Introducing a dyadic approach as a method for studying social support for physical activity among adolescent and young adult cancer survivors

Amanda Wurz, University of Ottawa; Jennifer Brunet, University of Ottawa; Jenson Price, University of Ottawa; Raveena Rampal, Children’s Hospital of Eastern Ontario; Kathleen S. Wilson, California State University, Fullerton
2:30-2:45 pm
Do general perceptions of social support for cancer link to supportive strategies for physical activity among men with testicular cancer?

Catherine M. Sabiston, University of Toronto; Anika Petrella, University of Toronto; Daniel Santa Mina, University of Toronto

2:45-3:00 pm
Social support for coping and thriving in group exercise for cancer survivors

Meghan H. McDonough, University of Calgary; S. Nicole Culos-Reed, University of Calgary; William Bridel, University of Calgary; Emma Wolper, University of Calgary

3:00-3:15 pm
Synopsis / Discussion

3:15-3:30 pm
Refreshment Break - Atrium

3:30-4:30 pm
Conference Welcome & Presentation of Distinguished Scholar Award
CHRYSTAL AB

4:30-6:30 pm
Poster Session 1 (Odd # - Stand by poster first hour -- Even # second hour)
Put up posters by Noon
FOYER - Cash Bar

6:45-8:15
Wine and Cheese Happy Hour
POOL
Bring your ticket
Friday June 7

8:00-9:30 am Verbal Sessions 4

**Motor Development 4 - Motor Behavior and Interventions**

*Constellation EF*

Moderator: Melissa Pangelinan, Auburn University

8:00-8:15 am
Biomechanical adaptation to mini-trampoline hopping in children with Down syndrome compared to typically developing peers

*Matthew Beerse, University of Dayton; Jianhua Wu, Georgia State University*

8:15-8:30 am
Influence of metronome cue on muscle activation pattern and variability during two-legged hopping in children with and without Down syndrome

*Matthew Beerse, University of Dayton; Diego Ferreira, Georgia State University; Jianhua Wu, Georgia State University*

8:30-8:45 am
The association between multidimensional balance and the locomotor subscale of the TGMD-3 in youth with visual impairments

*Adam Pennell, University of South Carolina; Sally Taunton, University of South Carolina; Jenna Fisher, University of South Carolina; Matthew Patey, University of South Carolina; Alexandra Stribing, University of South Carolina; Emily Gilbert, University of South Carolina; J. Megan Irwin, University of South Carolina; Collin Webster, University of South Carolina; David Stodden, University of South Carolina; Lauren Lieberman, SUNY Brockport; Ali Brian, University of South Carolina*

8:45-9:00 am
Do children with developmental coordination disorder have proprioceptive deficits and do these sensory deficits predict their motor problems?

*Juergen Konczak, University of Minnesota; Yu-ting Tseng, National Tsing Hua University, Taiwan; Jessica Holst-Wolf, University of Minnesota*

9:00-9:15 am
Improving Levels of physical fitness among children with Autism Spectrum Disorder through fundamental motor skill programming

*Kerri L. Staples, University of Michigan; Leah Ketcheson, Wayne State University; Phil Esposito, Texas Christian University*
9:15-9:30 am
Behavioral supports to increase skill learning and on-task behaviors during adapted sport programs for children with Autism

*Loriane Dos Santos Favoretto, Auburn University; Melissa Pangelinan, Auburn University*

**Motor Learning and Control 5 - Gait**

*Constellation B*
Moderator: Jody L. Jensen, University of Texas at Austin

8:00-8:15 am
Emotional responses to rhythmic music cues modulate forward gait amplitude in people with Parkinson's disease

*K. Shin Park, University of North Carolina at Greensboro; Chris Hass, University of Florida; Christopher Janelle, University of Florida*

8:15-8:30 am
Instruction to perform habitual or non-habitual foot strike patterns impacts ground reaction force patterns

*Collin Bowersock, Old Dominion University; Steven Morrison, Old Dominion University; Daniel Russell, Old Dominion University*

8:30-8:45 am
Visuoperceptual contributions to freezing of gait in Parkinson's Disease

*Quincy J. Almeida, Wilfrid Laurier University*

8:45-9:00 am
Walking speed differentially affects dimensionality of movement trajectories throughout the body

*Daniel M. Russell, Old Dominion University; Joshua L. Haworth, Whittier College; Steven Morrison, Old Dominion University*

9:00-9:15 am
The effects of direction and speed on treadmill walking in typically developing children

*Gena Henderson, Georgia State University; Diego Ferreira, Georgia State University; Jianhua Wu, Georgia State University*

9:15-9:30 am
Feedback within virtual reality enhances joint angle strategies to more safely cross real-world obstacles

*Chanel T. LoJacono, University of North Carolina at Greensboro; Michael J. Kress, University of North Carolina at Greensboro; Christopher K. Rhea, University of North Carolina at Greensboro*
Motor Learning and Control 6 - Self-Controlled Feedback
Moderator: Christopher A. Aiken, New Mexico State University

8:00-8:15 am
The effect of observation on motor learning in a self-controlled feedback protocol

Andy Bass, University of Tennessee, Knoxville; Kaylee Couvillion, University of Tennessee, Knoxville; Jeffrey Fairbrother, University of Tennessee, Knoxville

8:15-8:30 am
Effective processing of performance feedback during self-controlled practice

Kyle Jaquess, War Related Illness and Injury Service Center, VA Medical Center, Washington, DC, USA; Yingzhi Lu, Shanghai University of Sport, China; Andrew Ginsberg, University of Maryland, College Park; Calvin Lu, University of Maryland, College Park; Bradley Ritland, U.S. Army Natick Soldier Systems Center, Natick, MA, USA; Hyuk Oh, University of Maryland, College Park; Steven Kahl, Jr., University of Maryland, College Park; Rodolphe Gentili, University of Maryland, College Park; Bradley Hatfield, University of Maryland, College Park

8:30-8:45 am
The effects of performance accuracy and cognitive consistency by learners’ choice of video self-modeling

Yuya Hiromitsu, Graduate School of Health and Sports Science, Doshisha University; Tadao Ishikura, Doshisha University

8:45-9:00 am
Greater left hemisphere EEG alpha coherence observed during self-controlled practice compared to externally-controlled practice

Steven Kahl, Jr., Department of Kinesiology, University of Maryland-College Park; Rodolphe Gentili, Department of Kinesiology, University of Maryland-College Park; Bradley Hatfield, Department of Kinesiology, University of Maryland-College Park; Kyle Jaquess, Department of Kinesiology, University of Maryland-College Park

9:00-9:15 am
More bang for the buck: Autonomy support increases muscular efficiency

Takehiro Iwatsuki, Pennsylvania State University, Altoona College; Hui-Ting Shih, University of Nevada, Las Vegas; Reza Abdollahipour, Palacky University Olomouc; Gabriele Wulf, University of Nevada, Las Vegas

9:15-9:30 am
No Presentation Scheduled
Sport and Exercise Psychology 6 - Body Image

**Constellation A**
Moderator: Anne E. Cox, Washington State University

8:00-8:15 am
**Mediating role of body-related shame and guilt in the relationship between weight perceptions and lifestyle behaviours**

Kristen M. Lucibello, University of Toronto; Catherine M. Sabiston, University of Toronto; Erin K. O'Loughlin, Concordia University; Jennifer L. O'Loughlin, Université de Montréal

8:15-8:30 am
"When I am exercising or eating healthier, I continue to be proud of what my body can do:"
Women's thoughts on self-compassion, body pride, and health

Angela M. Coppola, Indiana University Kokomo; Eva Pila, University of Saskatchewan; Carly Chenoweth, Indiana University Kokomo; Tara-Leigh F. McHugh, University of Alberta

8:30-8:45 am
**All for one and one for all: Strategies to address girls' body image concerns in team sports**

Alyona Koulanova, University of Toronto; David Kuzmochka-Wilks, University of Toronto; Catherine Sabiston, University of Toronto

8:45-9:00 am
**Systematic evaluation of online resources targeting body image in adolescent girls' sport**

Eva Pila, Western University; Benjamin Sylvester, University of Toronto; Ambareen-Rose Velji, University of Toronto; Catherine Sabiston, University of Toronto

9:00-9:15 am
**A reciprocal effects model of sport commitment and physical self-concept: Evidence for the self-enhancement hypothesis among adolescent females**

Melissa deJonge, University of Toronto; Robert Mackowiak, University of Toronto; Eva Pila, University of Western; Peter Crocker, University of British Columbia; Catherine Sabiston, University of Toronto

9:15-9:30 am
No Presentation Scheduled

9:30-9:45
**Refreshment Break - Atrium**
9:45-11:15 am Verbal Sessions 5

Motor Development 5 - Infancy

Constellation EF
Moderator: Jeffrey Haddad, Purdue University

9:45-10:00 am
Is there a relationship between self-generated physical activity and motor, cognitive, and language achievement at three months of age?

Dale A Ulrich, University of Michigan; Kerri L Staples, University of Michigan; Andrew C Parks, University of Michigan; Lu Qu, University of Michigan; Larken Marra, University of Michigan; Carissa Wengrovius, University of Michigan

10:00-10:15 am
Is there a relationship between time spent in constrained positions and infant development at 3 months?

Lu Qu, University of Michigan; Larken Marra, University of Michigan; Carissa Wengrovius, University of Michigan; Dale Ulrich, University of Michigan

10:15-10:30 am
Do gross motor competence and physical activity at 3 months predict rate of weight gain from birth to 6 months?

Kerri L. Staples, University of Michigan; Andrew C. Parks, University of Michigan; Carissa Wengrovius, University of Michigan; Larken R. Marra, University of Michigan; Lu Qu, University of Michigan; Dale A. Ulrich, University of Michigan

10:30-10:45 am
Belly-crawling and hands-and-knees crawling have different effects on the development of visual-postural coupling

David I. Anderson, San Francisco State University; Minxuan He, San Francisco State University; Joseph J. Campos, University of California, Berkeley

10:45-11:00 am
Infant locomotor experience and changes in exploratory behaviors: A longitudinal free-play study

Sabrina Thurman, Elon University; Daniela Corbetta, University of Tennessee Knoxville

11:00-11:15 am
Visual selection and goal-directed reaching in infancy

Daniela Corbetta, University of Tennessee, Knoxville; Sabrina L. Thurman, Elon University, North Carolina; Rebecca F. Wiener, Newell Brands, Kalamazoo, Michigan
Motor Learning and Control 7 - Focus of Attention
Constellation CD
Moderator: Louisa Raisbeck, The University of North Carolina at Greensboro

9:45-10:00 am
Practice variability promotes an external focus of attention and enhances motor skill learning
Harjiv Singh, University of Nevada, Las Vegas; Maria Katrina Dimapilis, University of Nevada, Las Vegas; Lee-Kuen Chua, University of Nevada, Las Vegas; Rebecca Lewthwaite, Rancho Los Amigos National Rehabilitation Center; Gabriele Wulf, University of Nevada, Las Vegas

10:00-10:15 am
Attentional focus instructions influence distance perception and performance of the standing long jump
Jeffrey Fairbrother, University of Tennessee; Kaylee Couvillion, University of Tennessee

10:15-10:30 am
Changes in fear of movement following a 12-week attentionally focused balance training intervention: preliminary data
Lauren Q. Higgins, University of North Carolina at Greensboro; Masa Yamada, University of North Carolina at Greensboro; Ruth D. Stout, University of North Carolina at Greensboro; Danielle T. Felsberg, University of North Carolina at Greensboro; Chanel T. Lojacono, University of North Carolina at Greensboro; Sean M. Cochran, University of North Carolina at Greensboro; Amanda D. Barclift, University of North Carolina at Greensboro; John M. Palazzolo, University of North Carolina at Greensboro; Jeffrey D. Labban, University of North Carolina at Greensboro; Jeffrey T. Fairbrother, University of Tennessee; Louisa Raisbeck, University of North Carolina at Greensboro; Christopher Rhea, University of North Carolina at Greensboro

10:30-10:45 am
The effects of attentional focus shifting from preparation to execution on motor learning
Christopher A. Aiken, New Mexico State University; Kevin A. Becker, Texas Woman's University; Phillip G. Post, New Mexico State University

10:45-11:00 am
Attentional focus influences sample entropy in a balancing task
Kevin Becker, Texas Woman's University; Cheng-Ju Hung, Texas Woman's University

11:00-11:15 am
Effects of attentional focus on dynamic whole-body movements as a function of skill level.
Attila J. Kovacs, University of Wisconsin - La Crosse; Charlend K. Howard, University of Wisconsin - La Crosse
Sport and Exercise Psychology 7 - Neurological and Psychological Processes

**Constellation A**
Moderator: Matthew B. Pontifex, Michigan State University

**9:45-10:00 am**
The Tai Chi and Breast Cancer Study: Feasibility outcomes

Aaron Piepmeier, University of Rhode Island; Gary Asher, University of North Carolina Chapel Hill; Claudio Battaglini, University of North Carolina Chapel Hill; Leigh Callahan, University of North Carolina Chapel Hill; Flavio Frohlich, University of North Carolina Chapel Hill; Erik Hanson, University of North Carolina Chapel Hill; Hyman Muss, University of North Carolina Chapel Hill; Karla Thompson, University of North Carolina Chapel Hill; Sascha Eisenstein, University of North Carolina Chapel Hill; Rachel Hirschey, University of North Carolina Chapel Hill

**10:00-10:15 am**
Vagal tone and the "benefit" of exercise on Stroop interference

Alexis B Slutsky, University of North Carolina at Greensboro; Jennifer L Etnier, University of North Carolina at Greensboro; Laurie Wideman, University of North Carolina at Greensboro

**10:15-10:30 am**
Aerobic fitness does not predict acquisition of hippocampal-dependent memory in college-aged adults

Madison C. Chandler, Department of Kinesiology, Michigan State University, USA; Amanda L. McGowan, Department of Kinesiology, Michigan State University, USA; Kyle E. Mathewson, Department of Psychology, University of Alberta, CA; Claire J. Scavuzzo, Department of Psychology, University of Alberta, CA; Matthew B. Pontifex, Department of Kinesiology, Michigan State University, USA

**10:30-10:45 am**
Does lower energy expenditure increase reward pursuit and reward-related cerebral cortical activity?

Boris Cheval, University of Geneva; Matthieu Boisgontier, University of British Columbia; Mariane Bacelar, Auburn University; Robyn Feiss, Auburn University; Victoria Zona, Auburn University; Matthew Miller, Auburn University

**10:45-11:00 am**
Time, control strategy, and working memory capacity affect thinking a recalled experience of choking under pressure in student athletes

Sicong Liu, Duke University; Jonathan Folstein, Florida State University; Lawrence Appelbaum, Duke University; Gershon Tenenbaum, Florida State University
11:00-11:15 am
The role of attentional control in the association between physical activity and academic performance: Results from a large sample of Ontario students

Michelle Ogrodnik, McMaster University; Jillian Halladay, McMaster University; Barbara Fenesi, Western University; Jennifer Heisz, McMaster University; Katholiki Georgiades, McMaster University

Sport and Exercise Psychology 8 - Youth Development
Constellation B
Moderator: Jodie Stearns, University of Alberta

9:45-10:00 am
Childhood prefrontal development and affect during fitness tests: Should we reconsider current practice norms?

Matthew A. Ladwig, Iowa State University; Spyridoula Vazou, Iowa State University; Panteleimon Ekkekakis, Iowa State University

10:00-10:15 am
Secular decline in children's motor abilities: Implications for intervention from a physical literacy perspective

Jeffrey Graham, McMaster University; Kira Innes, McMaster University; Denver Brown, University of Toronto; John Cairney, University of Toronto; Steven Bray, McMaster University

10:15-10:30 am
Effects of a multiport-sport PYD intervention program on life skills and entrepreneurship in youth athletes

Leapetswe Malete, Michigan State University; Daniel McCole, Michigan State University; Tshepang Tshube, University of Botswana; Reginald Ocansey, University of Ghana; Thuso Mphela, University of Botswana; Juliana Machuve, University of Dar es Salaam; Clement Adamba, University of Ghana; Cyprian Maro, University of Dar es Salaam

10:30-10:45 am
Effects of peer support on relation-inferred self-efficacy, task self-efficacy, and physical performance in youth

Kira L. Innes, McMaster University; Jeffrey D. Graham, McMaster University; Steven R. Bray, McMaster University

10:45-11:00 am
The effect of enjoyment on body composition outcomes following a structured fitness program in children.

Danielle Wadsworth, Auburn University; Darby Winkler, Auburn University; Alexandria Venezia, Auburn University; Kameron Suire, Auburn University
11:00-11:15 am
"Time to grow up": A retrospective exploration of adolescents’ entry into junior level ice hockey
Matthew Vierimaa, Utah State University; Luc Martin, Queen's University; Travis Dorsch, Utah State University

11:30-12:30
**Sport and Exercise Psychology Keynote**
Growing and Thriving through Relationships
Brooke C. Feeney, Carnegie Mellon University

12:30-2:15
**Business Meeting and Award Luncheon (Constellation AB)**

2:15-3:45
**NASPSPA Senior Lectures (Constellation AB)**
**Motor Development**

The Motor-Cognitive Connection Across the Lifespan: Current Trends and Future Directions
Nadja Schott, University of Stuttgart

**Motor Learning and Control**

Coordination Dynamics of Locomotion in Health and Disease: Intrinsic Patterns and Adaptations During Object Transport
Richard E.A. van Emmerik, University of Massachusetts Amherst

**Sport and Exercise Psychology**

Social Psychology and Physical Activity: A Senior Perspective
Diane L. Gill, University of North Carolina at Greensboro

3:45-4:30
**Free Time**

4:30-7:00+
**Student Meeting & Student Social**
Saturday June 8

7:00-8:00 am
Breakfast Meetings: JMLD // JSEP Editorial Boards

8:00-9:30 am Verbal Session 6

Motor Learning and Control 8 - Vision
Constellation CD
Moderator: Cheryl M. Glazebrook, University of Manitoba

8:00-8:15 am
An examination of the oculomotor behavior metrics within a suite of digitized eye tracking tests

Takumi Bolte, RightEye; Karla Kubitz, Towson University; Claire-Marie Roberts, University of the West of England - Bristol; Melissa Hunfalvay, RightEye; Ankur Tyagi, RightEye; Nicholas Murray, East Carolina University

8:15-8:30 am
Learning effect of novice's badminton forehand under clear in accordance with visual feedback type.
*NASPSPA Outstanding Student Paper Award

DongHwi Suh, Seoul National University of South Korea. motor behavior laboratory.; Seonjin Kim, Seoul National University of South Korea. motor behavior laboratory.

8:30-8:45 am
How to shoot like Stephen Curry: The role of quiet eye timing and location in the basketball three point shot

Joan Vickers, University of Calgary; Joe Causer, Liverpool John Moores University; Dan Vanhooren, University of Calgary

8:45-9:00 am
The relationship between competitive level and vergence eye movements in college basketball players

Masahiro Kokubu, University of Tsukuba; Ayumi Higashi, Osaka International University; Naomi Murakami, Osaka University of Health and Sport sciences; Masanobu Araki, Nihon Fukushi University

9:00-9:15 am
Visual search strategies, gaze patterns, and head movements of elite baseball players during an infield at-bat

Nate Harris, East Carolina University; Ryan Silberg, East Carolina University; Callie Herman, East Carolina University; Abbey King, East Carolina University; Jenin Zapanta, East Carolina University; Chris Curran, East Carolina University; Patrick Rider, East Carolina University; Nicholas Murray, East Carolina University
9:15-9:30 am
A comparison of visual speed to the cardinal gaze positions between Major League Baseball players and amateur prospects

Karla Kubitz, Towson University; Claire-Marie Roberts, University of the West of England - Bristol; Melissa Hunfalvay, RightEye; Nick Murray, East Carolina University

Motor Learning and Control 9 - Learning and Practice

Constellation EF
Moderator: Jill Whitall, University of Maryland

8:00-8:15 am
Dyad training enhances the development of a motor representation

Stephan Panzer, Saarland University; Thomas Haab, Saarland University; Matthias Massing, Saarland University; Charles Shea, Texas A&M

8:15-8:30 am
Hierarchical organization of sleep spindles mediates motor memory consolidation

Arnaud Boutin, CIAMS, Université Paris-Sud, Orsay, France; Ella Gabitov, Montreal Neurological Institute, McGill University, Montreal, Canada; Basile Pinsard, CRIUGM, University of Montreal, Montreal, Canada; Julien Doyon, Montreal Neurological Institute, McGill University, Montreal, Canada

8:30-8:45 am
Virtual reality practice facilities positive transfer of motor learning

Jared Porter, University of Tennessee; Koleton Cochran, University of Iowa

8:45-9:00 am
Does limiting pre-movement time during practice eliminate the benefit of practicing while expecting to teach?

Marcos Daou, Coastal Carolina University; Jence Rhoads, Auburn University; Taylor Jacobs, Auburn University; Keith Lohse, University of Utah; Matthew Miller, Auburn University

9:00-9:15 am
The effect of rewards and punishments on action selection and action execution

Mariane Bacelar, Auburn University; Scott Murphy, Auburn University; Hunter Leggett, Auburn University; Keith Lohse, University of Utah; Matthew Miller, Auburn University

9:15-9:30 am
Perceptual-cognitive training in elite volleyball athletes: Effects and levels of transfer

Marie-Therese Fleddermann, University of Frankfurt; Holger Heppe, University of Münster; Karen Zentgraf, University of Frankfurt
**Sport and Exercise Psychology 9 - Cognitive Function**

**Constellation A**

Moderator: Eva Pila, University of Saskatchewan

8:00-8:15 am

The effects of physical activity training on executive function in older adults: A meta-analytic review of randomized control trials

Feng-Tzu Chen, National Taiwan Normal University; Chien-Heng Chu, National Taiwan Normal University; Jui-Ti Nien, National Taiwan Sport University; Yu-Kai Chang, National Taiwan Normal University

8:15-8:30 am

Effects of acute exercise volume on cognitive function in late-middle-aged older adults with ApoE4: A pilot study

Yu-Kai Chang, National Taiwan Normal University; Feng-Tzu Chen, National Taiwan Normal University; Chih-Han Wu, National Taiwan Sport University

8:30-8:45 am

The acute effect of exercise on executive function in children with autism spectrum disorder

Emily Bremer, McMaster University; Jeffrey D. Graham, McMaster University; Jennifer Heisz, McMaster University; John Cairney, University of Toronto

8:45-9:00 am

Effects of cognitive exertion on subsequent physical performance: A systematic review and meta-analysis

Denver M. Y. Brown, University of Toronto; Kira I. Innes, McMaster University; Sheereen Harris, McMaster University; Jeffrey D. Graham, McMaster University; Ashley Flemington, McMaster University; Chloe Bedard, McMaster University; Steven R. Bray, McMaster University

9:00-9:15 am

The acute effects of aerobic exercise and caffeine on cognition.

Anisa Morava, Western University; Harry Prapavessis, Western University

9:15-9:30 am

Changes to cognitive performance following social inclusion clarifies aerobic fitness benefits to self-regulation following social exclusion

Anthony G. Delli Paoli, Manhattanville College; Alan L. Smith, Michigan State University; Matthew B. Pontifex, Michigan State University
Sport and Exercise Psychology 10 - Symposium - Capturing and Modeling the "I" and the Team: Individual and Group-Level Elements of Group Dynamics in Sport

**Constellation B**
Moderator/Discussant: Mark Eys, Wilfrid Laurier University

8:00-8:15 am
Symposium introduction: Placing individual- and group-level facets of group dynamics research on an equal plane

*M. Blair Evans, Penn State University; Svenja A. Wolf, University of Amsterdam*

8:15-8:30 am
Identifying predictors of adherence to team drinking norms in college club-level athletes using multilevel moderation analyses

*Scott Graupensperger, Penn State University; Damon Jones, Penn State University; Robert Turrisi, Penn State University; M. Blair Evans, Penn State University*

8:30-8:45 am
Employing multilevel modeling to demonstrate that collective emotions predict team functioning better than individual emotions

*Svenja A. Wolf, University of Amsterdam; Marc W. Heerdink, University of Amsterdam; Desi McEwan, University of Bath; Gerben A. van Kleef, University of Amsterdam*

8:45-9:00 am
A quantitative approach investigating causes of collective sport team collapse

*V. Vanessa Wergin, Technical University of Munich; Jürgen Beckmann, Technical University of Munich*

9:00-9:30 am
Synopsis/Discussion

9:30-9:45
Refreshment Break - Atrium

9:45-10:45

**Human Kinetics Lecture**

How to Perform Your Best Under Pressure

*Sian Leah Beilock, Barnard College*
11:00 am - 12:30 pm Verbal Session 7

**Motor Development 6 - Perspectives Towards Disability, Mobility, & Interventions**

*Constellation EF*

Moderator: Sabrina Thurman, Elon University

**11:00-11:15 am**

**Pediatric occupational and physical therapists' attitudes toward mobility and disability**

Winston Kennedy, Oregon State University; Samuel W. Logan, Oregon State University; Kathleen R. Bogart, Oregon State University; Heather A. Feldner, University of Washington; Michele A. Catena, Oregon State University; Christina Cafferata, Oregon State University

**11:15-11:30 am**

**The effect of a motor behavior course on undergraduate students' attitudes toward disability and mobility**

Samuel W. Logan, Oregon State University; Kathleen R. Bogart, Oregon State University; Erica Woekel, Oregon State University; Heather A. Feldner, University of Washington; Christina M. Hospodar, New York University; Michele A. Catena, Oregon State University; Samantha Ligman, Oregon State University; Samantha M. Ross, Oregon State University; Joseline S. Raja, Oregon State University

**11:30-11:45 am**

**Exploring caregiver perspectives of social and motor skills in children with Autism Spectrum Disorder and the impact on participation**

Sara Scharoun Benson, University of Windsor

**11:45-12:00 pm**

**Parent-reported perceived barriers of modified ride-on car use of young children with disabilities**

Samuel W. Logan, Oregon State University; Kathleen R. Bogart, Oregon State University; Michele A. Catena, Oregon State University; Heather A. Feldner, University of Washington; Joseline S. Raja, Oregon State University; Jenna Fitzgerald, Oregon State University; Sarah Schaffer, Oregon State University; Christina M. Hospodar, New York University; William D. Smart, Oregon State University; Samantha M. Ross, Oregon State University

**12:00-12:15 pm**

**Wakeful prone and treadmill training during infancy: How can we help parents?**

Isabella Theresa Felzer-Kim, Michigan State University; Karl Erickson, Michigan State University; Chelsea Adkins, Michigan State University; Janet L. Hauck, Michigan State University

**12:15-12:30 pm**

**No Presentation Scheduled**
Motor Learning and Control 10 - Cognitive Load

**Constellation CD**

Moderator: Quincy Almeida, Wilfrid Laurier University

11:00-11:15 am

*Increased cognitive load during acquisition of a continuous task eliminates the learning effects of self-controlled knowledge of results*

Kaylee Couvillion, University of Tennessee, Knoxville; Andy Bass, University of Tennessee, Knoxville; Jeffrey Fairbrother, University of Tennessee, Knoxville

11:15-11:30 am

**Assessment of cognitive workload in rotorcraft piloting tasks**

Calvin Lu, University of Maryland, College Park; Hyuk Oh, University of Maryland, College Park; Kyle Jaquest, University of Maryland, College Park; Andrew Ginsberg, University of Maryland, College Park; Steven Khal, University of Maryland, College Park; Rodolphe Gentili, University of Maryland, College Park; Bradley Hatfield, University of Maryland, College Park

11:30-11:45 am

*The change of effects of dual-tasks across learning a finger sequence only happens in the sequence selection stage*

Mengkai Luan, Technical University of Munich; Felix Ehrlenspiel, Technical University of Munich

11:45-12:00 pm

**Combined assessment of attentional reserve and cognitive-motor effort for mental workload evaluation during practice of reaching movements**

Isabelle Shuggi, University of Maryland, College Park; Hyuk Oh, University of Maryland, College Park; Emma Shaw, University of Maryland, College Park; William Galway, University of Maryland, College Park; Christopher Gaskins, University of Maryland, College Park; Rodolphe Gentili, University of Maryland, College Park; Rodolphe Gentili, University of Maryland, College Park; Bradley Hatfield, University of Maryland, College Park

12:00-12:15 pm

**Dual-task training and the development of a sequence representation**

Stefan Panzer, Saarland University; Christina Pfeifer, Saarland University; Charles Shea, Texas A&M

12:15-12:30 pm

**Cerebral cortical networking for mental workload assessment under various demands during dual-task walking in individuals with transtibial limb loss**

Emma P. Shaw, University of Maryland, College Park; Jeremy C. Ritschel, Veteran’s Health Administration, Baltimore; Isabelle M. Shuggi, University of Maryland, College Park; Yishi Xing, University of Maryland, College Park; Shuo Chen, University of Maryland School of Medicine; Matthew W. Miller, Auburn University, Auburn; Bradley D. Hatfield, University of Maryland, College Park; Rodolphe J. Gentili, University of Maryland, College Park
Sport and Exercise Psychology 11 - Predictors of Physical Activity

**Constellation A**
Moderator: Steve Amireault, Purdue University

11:00-11:15 am
A meta-study of older adults’ experiences of autonomy, independence, and control in relation to physical activity participation

*Alia Bharwani, University of Calgary; Meghan H. McDonough, University of Calgary; L. Jayne Beselt, University of Calgary; S. Nicole Culos-Reed, University of Calgary; Marc J. Poulin, University of Calgary*

11:15-11:30 am
The influence of depressive symptoms on psychological well-being and health behaviors in first-year college students

*Erica Rauff, Seattle University; Carolyn van der Meulen, Pacific University*

11:30-11:45 am
Theory of Planned Behavior: Physical activity predictors among Turkish university students

*Duygu Gurleyik, Ozyegin University; Celia K. Naivar Sen, Ozyegin University; Lemi Baruh, Koc University; G. Tarcan Kumkale, Kadir Has University*

11:45-12:00 pm
The relationship between descriptive norms, perceived similarity, and self-efficacy for predicting physical activity: A moderated mediation model

*Jeemin Kim, Wilfrid Laurier University; Mark Eys, Wilfrid Laurier University; Jennifer Robertson-Wilson, Wilfrid Laurier University*

12:00-12:15 pm
Seeking help: Are testicular cancer survivors’ self-reliant beliefs thwarting physical activity and impacting health?

*Anika R Petrella, University of Toronto; Kristen M Lucibello, University of Toronto; Daniel Santa Mina, University of Toronto; Catherine M Sabiston, University of Toronto*

12:15-12:30 pm
Ughh! That really doesn’t seem worth the effort!: Effects of mental fatigue on physical activity effort discounting

*Sheereen Harris, McMaster University; Steven R. Bray, McMaster University*
Sport and Exercise Psychology 12 - Coaching and Officiating

**Constellation B**
Moderator: Jeffrey Graham, McMaster University

**11:00-11:15 am**
Outside the lines: An exploratory study of high school sport coaches' critical praxis

Jillian Kochanek, Michigan State University; Karl Erickson, Michigan State University

**11:15-11:30 am**
The mental health literacy of intercollegiate student athletic trainers

Chris Gladney, Brock University; Mishka Blacker, Brock University; Jessica Murphy, Brock University; Philip Sullivan, Brock University

**11:30-11:45 am**
Testing the Expanded Sport Official's Decision-Making Model

Jason Kostrna, Florida International University; Gershon Tenenbaum, Florida State University

**11:45-12:00 pm**
Using a modified Group Environment Questionnaire to investigate cohesion among sport officials

Kyle Paradis, University of Windsor; David Hancock, Indiana University-Kokomo; Luc Martin, Queen's University; Blair Evans, Pennsylvania State University

**12:00-12:15 pm**
The impact of a camp leader training on campers' perceptions of the motivational climate

Karynn Glover, Wayne State University PhD Student; Whitney Moore, Wayne State University

**12:15-12:30 pm**
Rotating athletes into the team: Influences on efficacy beliefs and performance in four-person cheerleading groups

Christine M. Habeeb, East Carolina University; Robert C. Eklund, Florida State University; Pete Coffee, University of Stirling
12:30-2:00

Student - Faculty Poolside Chats

NASPSPA Executive Committee Lunch (Pisces)

2:00-3:00

*Motor Development Keynote*

Developing Language in a Developing Body: Interactions and Cascading Effects

*Jana M. Iverson, University of Pittsburgh*

3:00-5:00

Poster Session 2 (Odd # - Stand by poster first hour -- Even # second hour)
Put up posters by Noon
FOYER - Cash Bar

6:30-Midnight

Cocktails & Conference Banquet
Maryland Science Center (Bring your ticket)
**NASPSPA POSTER SESSIONS**

**Thursday June 6,**

**Poster Session 1  4:30-6:30 pm**  
Moderators: Meghan McDonough, University of Calgary, Amanda Wurz, University of Calgary, Diego Ferreira, Georgia State University

**Topic: Motor Learning and Control**

1. Effect of attentional focus on premotor and motor components of reaction time  
   Mohammed Aljahni, Qin Lai, Motor Behavior Lab, Wayne State University, Detroit, U.S.A.

2. Berg Balance Scale (BBS) after a 12-week attentionally focused balance training intervention: Preliminary data  
   Danielle Felsberg, University of North Carolina at Greensboro; Lauren Higgins, University of North Carolina at Greensboro; Ruth Stout, University of North Carolina at Greensboro; Masahiro Yamada, University of North Carolina at Greensboro; Sean Cochran, University of North Carolina at Greensboro; Chanel LoJacono, University of North Carolina at Greensboro; Amanda Barclift, University of North Carolina at Greensboro; John Palazzolo, University of North Carolina at Greensboro; Jeffrey Labban, University of North Carolina at Greensboro; Jeffrey Fairbrother, The University of Tennessee Knoxville

3. An examination of the focus of attention effect within chemotherapy patients  
   Logan Markwell, The University of Tennessee Knoxville; Philip Anton, Southern Illinois University Carbondale; Jared Porter, The University of Tennessee Knoxville

4. External focus is superior to an internal focus of attention: Meta-analyses of motor learning and performance  
   Lee-Kuen Chua, University of Nevada, Las Vegas; Taewon Kim, Texas A&M University; Judith Jimenez-Diaz, University of Costa Rica; Rebecca Lewthwaite, Rancho Los Amigos National Rehabilitation Center; Gabriele Wulf, University of Nevada, Las Vegas

5. The intervention program using attentional focus instructions to improve dynamic stability in older healthy adults: Preliminary data  
   Louisa Raisbeck, UNCG; Masahiro Yamada, UNCG; Lauren Higgins, UNCG; Ruth Stout, UNCG; Chanel LoJacono, UNCG; Sean Cochran, UNCG; Amanda Barclift, UNCG; John Palazzolo, UNCG; Jeffrey Labban, UNCG; Jeffrey Fairbrother, UT
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<tr>
<td>7</td>
<td>Augmented information and the distant effect of attentional focus on motor skill acquisition</td>
<td>Yeou-Teh Liu, National Taiwan Normal University; Karl M. Newell, University of Georgia, Athens</td>
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<td>8</td>
<td>Comparing the effects of attentional focus instructions in virtual and physical environments.</td>
<td>Masahiro Yamada, The University of North Carolina at Greensboro; Nikita, A. Kuznetsov, Louisiana State University; Louisa, D. Raisbeck, The University of North Carolina at Greensboro</td>
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<td>9</td>
<td>Focus of attention in cycling: Effects on neuromuscular activation patterns</td>
<td>Marie-Therese Fleddermann, University of Frankfurt; Linda Schücker, University of Münster; Anne Küper, University of MÜNSTER; Annette Kerkhoff, University of Applied Sciences, Münster; Karen Zentgraf, University of Frankfurt</td>
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<td>10</td>
<td>The synergy effects of self-control and external focus on motor skill learning</td>
<td>Chinger Lin, National Taichung University of Education</td>
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<td>11</td>
<td>Goal-keepers beware! Penalty kick accuracy is improved when an external focus of attention is combined with autonomy support</td>
<td>Stephanie Palmer, Southern Illinois University; Jared M. Porter, University of Tennessee; Hubert Makaruk, The Josef Pilsudski University of Physical Education in Warsaw</td>
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<td>12</td>
<td>The effect of attentional focus and autonomy support in a balance task</td>
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<td></td>
<td>Amanda Barclift, The University of North Carolina at Greensboro; Masahiro Yamada, The University of North Carolina at Greensboro; Louisa Raisbeck, The University of North Carolina at Greensboro</td>
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<tr>
<th>13</th>
<th>An external focus of attention improves motor performance in adolescents with visual impairments</th>
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<tr>
<td></td>
<td>Kevin Becker, Texas Woman's University; Scott McNamara, University of Northern Iowa; Peter Marcy, Texas Woman's University; William Weigel, Texas Woman's University; Justin Haegele, Old Dominion University</td>
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<tr>
<th>14</th>
<th>Combining an external focus of attention with autonomy support improves penalty kick accuracy</th>
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<td></td>
<td>Jared Porter, University of Tennessee; Hubert Makaruk, The Josef Pilsudski University of Physical Education in Warsaw; Jerzy Sadowski, The Josef Pilsudski University of Physical Education in Warsaw; Anna Bodasiska, The Josef Pilsudski University of Physical Education in Warsaw; Janusz Zieliski, The Josef Pilsudski University of Physical Education in Warsaw; Tomasz Ninikowski, The Josef Pilsudski University of Physical Education in Warsaw; Andrzej Mastalerz, The Josef Pilsudski University of Physical Education in Warsaw</td>
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<th>15</th>
<th>Attentional focus instructions alter speeded jump shot performance based on the proximity of attentional cues</th>
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<td></td>
<td>Bradley Fawver, University of Utah; Aaron England, University of Utah; Ryan D. Burns, University of Utah; Matthew S. Thiese, University of Utah; Ben Chase, University of Utah; Andrew Seljaas, University of Utah; Timothy A. Brusseau, University of Utah</td>
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<th>16</th>
<th>Task performance is inversely related to spatial external focus target removal</th>
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<td>Sean Cochran, University of North Carolina at Greensboro; Christopher Rhea, University of North Carolina at Greensboro; Randy Schmitz, University of North Carolina at Greensboro; Louisa Raisbeck, University of North Carolina at Greensboro</td>
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<th>17</th>
<th>Influence of the demonstrator's gaze direction on observers' distance perception during the observational learning of motor skills: A pilot study</th>
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<td>Tadao Ishikura, Doshisha University; Yuya Hiromitsu, Graduate school of Health and Sports Science, Doshisha University</td>
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<td>18</td>
<td>Implicit and explicit activation of gender stereotypes additively affect women's motor learning</td>
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<tr>
<td>19</td>
<td>The effects of choice on motor skill learning: A meta-analysis of self-controlled research findings.</td>
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<td>20</td>
<td>The effect of augmented feedback in the performance of motor skills: A systematic review with meta-analysis</td>
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<td>21</td>
<td>Benefits of distributed practice over massed practice in memory consolidation on a sequential learning task</td>
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<td>22</td>
<td>Effects of practice-induced mental workload during reaching movements on transfer of cognitive-motor performance under various demands</td>
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<tr>
<td>23</td>
<td>Assessing the evidential value of incidental choices for motor learning</td>
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<td>24</td>
<td>The effects of various slope training based on golf handicap in motor learning</td>
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<td>25</td>
<td>Optimizing bowling performance</td>
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**Topic: Sport and Exercise Psychology**

<p>| 46 | The mediation of self-confidence on competitive anxiety during high stakes in elite competition | John Elvis Hagan Jnr., University of Cape Coast, Ghana; Dietmar Pollmann, Bielefeld University, Germany; Thomas Schack, Bielefeld University, Germany; Joseph Kwame Mintah, University of Cape Coast, Ghana; Prosper Narteh Ogum, University of Cape Coast, Ghana |
| 47 | Momentary associations between behavioral cognitions and physical activity in Division I student-athletes | Erin Reifsteck, UNC Greensboro; Jaclyn Maher, UNC Greensboro; Jamian Newton, UNC Greensboro; Lenka Shriver, UNC Greensboro; Laurie Wideman, UNC Greensboro |</p>
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<td></td>
<td>Matthew Vierimaa, Utah State University; Travis Dorsch, Utah State University</td>
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**Poster Session # 2  3:00-5:00 pm**

**Moderators:** Anne E. Cox, Washington State University, Steve Amireault, Purdue University, Robyn Feiss, Auburn University

**Topic: Motor Learning and Control**

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<td>Mackenzie Pierson, University of North Carolina at Greensboro; Sandra Shultz, University of North Carolina at Greensboro; Louisa Raisbeck, University of North Carolina at Greensboro</td>
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<td>Sara Safdari, Texas A&amp;M; Deanna Kennedy, Texas A&amp;M</td>
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Anxiety is associated with perceived, but not quantitative, sensory processing in young adults with and without ADHD

Manjeshwar Sahana Kamath, Auburn University; Crystal Dahm, The Pennsylvania State University; Jacqueline Tucker, The Pennsylvania State University; Cynthia Huang-Pollock, The Pennsylvania State University; Nicole Etter, The Pennsylvania State University; Kristina Neely, Auburn University

**Topic: Motor Development**

29 Assessment of ocular motor control in children with high functioning autism during an active balance task

Venkata Naga Pradeep Ambati, Southern Illinois University Carbondale

30 Motor proficiency, sensory processing, and BMI in children with Autism Spectrum Disorder

Ting Liu, Texas State University

31 Changes in sleep efficiency in children and adolescents with Autism Spectrum Disorder during an adapted tennis program

Carley Wilson, Auburn University; Loriane Favoretto, Auburn University; Melissa Pangelinan, Auburn University

32 Rate of development and motor skill acquisition in children with Autism Spectrum Disorder

Leah Ketcheson, Wayne State University; Kerri Staples, University of Michigan, Ann Arbor; Phil Esposito, Texas Christian University

33 Goal achievement and skill improvement in children with Developmental Coordination Disorder (DCD)

Chadwick Fuchs, University of Texas at Arlington; Esther Chan, University of Texas at Arlington; Lilly Sheldon, University of Texas at Arlington; Jacquelyn Buitron, University of Texas at Arlington; Priscila Caçola, University of Texas at Arlington

34 Posture, language and social behavior in infants at low- and high- risk for autism spectrum disorders: differences and relationships.

Anastasia Kyvelidou, Creighton University; Sarah Schmidt, University of Nebraska at Omaha; Kelsey Koss, Creighton University; Wayne Fisher, Munroe-Meyer Institute; Howard Needelman, Munroe-Meyer Institute; Shari DeVeney, University of Nebraska at Omaha
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**Topic: Sport and Exercise Psychology**

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<td>Katherine Hirsch, University of Windsor; Irene Muir, University of Windsor; Krista Munroe-Chandler, University of Windsor; Todd Loughead, University of Windsor</td>
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