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
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, Research Center in Sports Sciences, Health Sciences and Human Development (CIDESD); Alvaro Fortunato, Health Sciences and Human Development (CIDESD); Celina Gonalves, Research Center in Sports Sciences, Health Sciences and Human Development (CIDESD); Luis P. Rodrigues, Research Center in Sports Sciences, 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
No Presentation Scheduled

Motor Learning and Control 1 - Full/Lower Body Control
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
Moderator: Meghan McDonough, University of Calgary

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
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
Moderator: Travis Dorsch, Utah State University

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 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)
Motor Development 2 - Cognitive and Motor Processes
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
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
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
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
Motor Development 3 - Interventions TD/Special Populations
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
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 Koiler, 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
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
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 Ramphal, 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
CHRISTAL 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**
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*

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
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; Braadley 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
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 de Jonge, 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
Motor Development 5 - Infancy
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
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
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
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 Frolich, 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
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**

2:15-3:45

**NASPSPA Senior Lectures**

*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*

3:45-6:00

Free Time

6:00-7:30

**3MT Competition & 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
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 in-field 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
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
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
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
Verbal Session 7

Motor Development 6 - Perspectives Towards Disability, Mobility, & Interventions
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
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 Jaquess, 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; 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

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. Rietschel, 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
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
NASPSPA 2019 PROGRAM

Sport and Exercise Psychology 12 - Coaching and Officiating
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 pm
Student - Faculty Poolside Chats
NASPSPA Executive Committee Lunch
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 healthy older adults: Preliminary data**  
   Louisa Raisbeck, UNCG; Masahiro Yamada, UNCG; Lauren Higgins, UNCG; Ruth Stout, UNCG; Chanel Lojacono, UNCGse; Sean Cochran, UNCG; Amanda Barclift, UNCG; John Palazzolo, UNCG; Jeffrey Labban, UNCG; Jeffrey Fairbrother, UT
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<th>The effect of attentional focus instructions on performance in older adults through a 12-week intervention: Preliminary data</th>
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<td>Masahiro Yamada, The University of North Carolina at Greensboro; Lauren Q., Higgins, The University of North Carolina at Greensboro; Ruth, D. Stout, The University of North Carolina at Greensboro; Felsberg, T. Danielle, The University of North Carolina at Greensboro; Chanel T. Lojacono, The University of North Carolina at Greensboro; Sean M. Cochran, The University of North Carolina at Greensboro; Amanda D. Barclift, The University of North Carolina at Greensboro; John M. Palazzolo, The University of North Carolina at Greensboro; Jeffrey D. Labban, The University of North Carolina at Greensboro; Jeffrey T. Fairbrother, University of Tennessee, Knoxville</td>
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<td>Augmented information and the distant effect of attentional focus on motor skill acquisition</td>
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<td>Yeou-Teh Liu, National Taiwan Normal University; Karl M. Newell, University of Georgia, Athens</td>
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<td>Comparing the effects of attentional focus instructions in virtual and physical environments.</td>
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<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>Focus of attention in cycling: Effects on neuromuscular activation patterns</td>
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<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>The synergy effects of self-control and external focus on motor skill learning</td>
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<td>Chinger Lin, National Taichung University of Education</td>
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<td>Goal-keepers beware! Penalty kick accuracy is improved when an external focus of attention is combined with autonomy support</td>
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<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>13</td>
<td>An external focus of attention improves motor performance in adolescents with visual impairments</td>
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<td>Combining an external focus of attention with autonomy support improves penalty kick accuracy</td>
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<td>15</td>
<td>Attentional focus instructions alter speeded jump shot performance based on the proximity of attentional cues</td>
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<td>Task performance is inversely related to spatial external focus target removal</td>
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<td>17</td>
<td>Influence of the demonstrator's gaze direction on observers' distance perception during the observational learning of motor skills: A pilot study</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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<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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<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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</table>
26 Tracking the time course of motor experience on anticipation in table tennis players

Yingzhi Lu, Shanghai University of Sport; Qiwei Zhao, Shanghai University of Sport; Chenglin Zhou, Shanghai University of Sport

27 Information used by baseball catchers when making decisions in groups with teammates

Syunpei Kikumasa, University of Tsukuba; Masahiro Kokubu, University of Tsukuba

28 Is proprioception activity-dependent? Comparing wrist proprioceptive acuity in expert baseball pitchers and soccer players

Saurav Dubey, University of Minnesota; Rebecca Feczer, University of Minnesota; Juergen Konczak, University of Minnesota

29 What information do catchers use to catch balls of unknown weight (load uncertainty)?

William Berg, Miami University; Michael Hughes, Miami University

30 Bayesian integration of sensorimotor estimation in elite athletes

Osmar Pinto Neto, Anhembi Morumbi University, Brazil; Leonardo Crespim, Anhembi Morumbi University, Brazil; Victor Curty, Universidade Camilo Castelo Branco, Sao Jose dos Campos, Brazil; Deanna Kennedy, Department of Health and Kinesiology, Texas A&M University

31 The Temporal Relationship between Vision and Kinematics During a Baseball Swing

Ryan Silberg, East Carolina University; Nate Harris, East Carolina University; Alex Shaver, East Carolina University; Andrew Jung, East Carolina University; Chris Curran, East Carolina University; Patrick Rider, East Carolina University; Nicholas Murray, East Carolina University

32 An assessment of instructional methods, student perceptions, and skill acquisition in a collegiate beginner Judo class

Kevin M. Fisher, Central Michigan University
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<td>33 Concerning trends in the functional movement proficiency of 7th grade students</td>
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<td>Cheryl Coker, Plymouth State University</td>
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<td>34 Childhood developmental trajectories of anthropometry and cognitive health</td>
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<td>Stephen Wheeler, University of Texas at Arlington; Xiaoxia Zhang, University of Texas at Arlington; Alina Shrestha, University of Texas at Arlington; Britton Woolsey, University of Texas at Arlington; Xiangli Gu, University of Texas at Arlington</td>
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<td>35 Examining cognitive function between preschoolers with and without gymnastic training</td>
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<td>Jie Zhang, Shanghai University of Sport</td>
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<td>36 Improving quality of life for children with developmental disabilities through gross motor function interventions</td>
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<td>Erin Snapp, Wayne State University; Leah Ketcheson, Wayne State University; Jeffrey Martin, Wayne State University</td>
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<tr>
<td>37 Elevated physical and mental health burden in rural, low-income, high school students</td>
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<tr>
<td>Sarah Beth Dolinger, Auburn University; Robyn Feiss, Auburn University; Melissa Pangelinan, Auburn University</td>
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<tr>
<td>38 Longitudinal associations among cardiorespiratory fitness, muscular fitness, fundamental movement skills and MVPA of Finnish schoolchildren</td>
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| Luis Paulo Rodrigues, Instituto Politécnico de Viana do Castelo; Carlos Luz, Instituto Politécnico de Lisboa; Rita Cordovil, Universidade de Lisboa; Miguel Cam_ es,
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Chadwick Fuchs, University of Texas at Arlington; Priscila Caçola, University of Texas at Arlington

42 Can we go out and play? Parental barriers to children’s play outside in 5 different countries

Rita Cordovil, Universidade de Lisboa; Frederico Lopes, Universidade de Lisboa; Ana Quitério, Universidade de Lisboa; Ellen Sandseter, Queen Maud University College of Early Childhood Education; Trond Hagen, Queen Maud University College of Early Childhood Education

43 Perception influences on children with visual impairments: A preliminary study

Alexandra Stribing, University of South Carolina; Ali Brian, University of South Carolina

44 Physical fitness and gross-motor skills among one and multiple sports participants

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45 Missing data practices: A systematic review in Motor Learning and Development

Priya Patel, Michigan State University; Nicholas D. Myers, Michigan State University; Mei-Hua Lee, Michigan State University

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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
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<td>Reeve, Korea University; Yong-Gwan Song, Pukyong National University; Boram Kim, Korea University</td>
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\(^x\) National Institute of Public Health and the Environment, Bilthoven, The Netherlands
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\(^\text{a}\) Knight Cancer Institute and School of Nursing, Oregon Health & Science University, Portland, USA
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\(^\text{l}\) Department of Health Sciences, Faculty of Science, Vrije Universiteit Amsterdam, Amsterdam, The Netherlands
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