

Conference Program 2019

**NASPSPA
North American Society for the Psychology of Sport and Physical Activity**

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 Goncalves, 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

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

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 OêLoughlin, 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)

Refreshment Break - Atrium

9:30-9:45

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 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

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 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
CRYSTAL 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; 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

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, Universit_ de Montr_al

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. Lojaco, 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; Tshelang 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 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

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 facilitates 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 Prapavassis, 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 Ligan, 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 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

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

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)

NASPSA 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, UNCG; Sean Cochran, UNCG; Amanda Barclift, UNCG; John Palazzolo, UNCG; Jeffrey Labban, UNCG; Jeffrey Fairbrother, UT

- 6 The effect of attentional focus instructions on performance in older adults through a 12-week intervention: Preliminary data

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

- 7 Augmented information and the distant effect of attentional focus on motor skill acquisition

Yeou-Teh Liu, National Taiwan Normal University; Karl M. Newell, University of Georgia, Athens

- 8 Comparing the effects of attentional focus instructions in virtual and physical environments.

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

- 9 Focus of attention in cycling: Effects on neuromuscular activation patterns

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

- 10 The synergy effects of self-control and external focus on motor skill learning

Chinger Lin, National Taichung University of Education

- 11 Goal-keepers beware! Penalty kick accuracy is improved when an external focus of attention is combined with autonomy support

Stephanie Palmer, Southern Illinois University; Jared M. Porter, University of Tennessee; Hubert Makaruk, The Josef Pilsudski University of Physical Education in Warsaw

12 The effect of attentional focus and autonomy support in a balance task

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

13 An external focus of attention improves motor performance in adolescents with visual impairments

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

14 Combining an external focus of attention with autonomy support improves penalty kick accuracy

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

15 Attentional focus instructions alter speeded jump shot performance based on the proximity of attentional cues

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

16 Task performance is inversely related to spatial external focus target removal

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

17 Influence of the demonstrator's gaze direction on observers' distance perception during the observational learning of motor skills: A pilot study

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

- 18 Implicit and explicit activation of gender stereotypes additively affect women's motor learning

Priscila Lopes Cardozo, Universidade Federal de Pelotas; Leon Cibeira, Universidade Federal de Pelotas; Suzete Chiviacowsky, Universidade Federal de Pelotas

- 19 The effects of choice on motor skill learning: A meta-analysis of self-controlled research findings.

Zachary D. Yantha, University of Ottawa; Brad McKay, University of Ottawa; Michael J. Carter, McMaster University; Diane M. Ste-Marie, University of Ottawa

- 20 The effect of augmented feedback in the performance of motor skills: A systematic review with meta-analysis

Karla Chaves, University of Costa Rica; Judith Jimenez, University of Costa Rica

- 21 Benefits of distributed practice over massed practice in memory consolidation on a sequential learning task

Yong-Gwan Song, Pukyong National Univ.; Sung Hyeon Cheon, Korea Univ.; Johnmarshall Reeve, Korea Univ

- 22 Effects of practice-induced mental workload during reaching movements on transfer of cognitive-motor performance under various demands

Isabelle M. Shuggi, University of Maryland, College Park; Hyuk Oh, University of Maryland, College Park; Emma P. Shaw, University of Maryland, College Park; Bradley M. Ritland, US Army Research Institute of Environmental Medicine; Patricia A. Shewokis, Drexel University; Rodolphe J. Gentili, University of Maryland, College Park

- 23 Assessing the evidential value of incidental choices for motor learning

Laura St. Germain, McMaster University; Olena Leshchysen, McMaster University; Michael J. Carter, McMaster University

- 24 The effects of various slope training based on golf handicap in motor learning

Dong Youn Lee, Seoul Nation University Motor behavior Lab.; Seon-Jin Kim, Seoul Nation University Motor behavior Lab.

- 25 Optimizing bowling performance

Reza Abdollahipour, Palacky University Olomouc, Czech Republic; Ludvik Valtr, Palacky University Olomouc, Czech Republic; Lee-Kuen Chua, Department of Kinesiology and Nutrition Sciences, University of Nevada, Las Vegas, NV, USA;

Gabriele Wulf, Department of Kinesiology and Nutrition Sciences, University of Nevada, Las Vegas, NV, USA

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

Topic: Motor Development

33 Concerning trends in the functional movement proficiency of 7th grade students

Cheryl Coker, Plymouth State University

34 Childhood developmental trajectories of anthropometry and cognitive health

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

35 Examining cognitive function between preschoolers with and without gymnastic training

Jie Zhang, Shanghai University of Sport

36 Improving quality of life for children with developmental disabilities through gross motor function interventions

Erin Snapp, Wayne State University; Leah Ketcheson, Wayne State University; Jeffrey Martin, Wayne State University

37 Elevated physical and mental health burden in rural, low-income, high school students

Sarah Beth Dolinger, Auburn University; Robyn Feiss, Auburn University; Melissa Pangelinan, Auburn University

38 Longitudinal associations among cardiorespiratory fitness, muscular fitness, fundamental movement skills and MVPA of Finnish schoolchildren

Timo Jaakkola, University of Jyväskylä; Mikko Huhtiniemi, University of Jyväskylä; Kasper Salin, University of Jyväskylä

39 Validity and reliability of the test of gross motor development - 3 in Brazilian children: A short-form

Nadia Cristina Valentini, Universidade Federal do Rio Grande do Sul; Glauber Carvalho Nobre, Instituto Federal de Ciências e Tecnologia; Maicon Albuquerque, Universidade Federal de Minas Gerais; Mary Elizabeth Rudisill, Auburn University

40 Motor Competence Assessment (MCA): Portuguese normative values.

Luis Paulo Rodrigues, Instituto Politécnico de Viana do Castelo; Carlos Luz, Instituto

Politécnico de Lisboa; Rita Cordovil, Universidade de Lisboa; Miguel Camões, 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

- 41 Potential kinesthetic motor imagery deficits for both accuracy and vividness in children and young adults

Chadwick Fuchs, University of Texas at Arlington; Priscila Caçola, University of Texas at Arlington

- 42 Presentation Moved to MD 1

- 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

Kasper Salin, University of Jyväskylä; Mikko Huhtiniemi, University of Jyväskylä; Timo Jaakkola, University of Jyväskylä

- 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; Seungmin Lee, Michigan State University

Topic: Sport and Exercise Psychology

- 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

48 Coping and emotional regulation in doubles racquet sports

Sarah Deck, Western University; Brianna DeSantis, Western University; Despina Kouali, Western University; Craig Hall, Western University

49 Exploring demographic variables related to athletic identity and well-being among collegiate athletes

Jessie Stapleton, Missouri Baptist University; Paul Saville, Azusa Pacific University

50 Examining the effects of exercise-efficacy, intensity, and affect on exercise behavior among college students

Sisi Chen, Michigan State University; Leapetswe Maletse, Michigan State University

51 "Get tough!": A case study on the development of the sport ethic in youth lacrosse

Ross Budziszewski, Utah State University; Matthew Vierimaa, Utah State University

52 I am not your Student-Athlete: An investigation of social identity complexity as a stereotype threat mitigation strategy

Jacob English, Georgia State University College of Education and Human Development

53 Examining the role of ethnicity and acculturation in physical activity and resistance training among Asian Americans

Anthony Villanueva, California State University, Fullerton; Kathleen S. Wilson, California State University, Fullerton

54 "The love and the unity that you give out, it will come back.": an exploration of coaches' perception of mental health in youth sport.

Jerrica Oliver, Penn State University; Birgitta Baker, Penn State University; Andrew Mowen, Penn State University

55 Autonomy-supportive intervention program to help physical education teachers decrease students' bullying classroom behaviors

Kyoung Eun Yoo, Korea University; Sung Hyeon Cheon, Korea University; Johnmarshall Reeve, Korea University; Yong-Gwan Song, Pukyong National University; Boram Kim, Korea University

56 Exploring personality factors among peer mentored and non-peer mentored athletes

and the barriers to peer mentorship among non-peer mentored athletes

Matt D. Hoffmann, Cape Breton University; Michelle D. Guerrero, Children's Hospital of Eastern Ontario Research Institute; Todd M. Loughead, University of Windsor

57 Project Mentor: Evaluating potential program benefits to mentors

Tyler Ebeling, East Carolina University; Alesha McNeill, East Carolina University; Deirdre Dlugonski, East Carolina University; Thomas D. Raedeke, East Carolina University

58 Physiotherapists' self-reported feedback delivery for clients in varying stages of rehabilitation

Julia Hussien, School of Human Kinetics, University of Ottawa; Diane M. Ste-Marie, School of Human Kinetics, University of Ottawa

59 Determining factors associated with pediatric physical and occupational therapists attitudes toward disability

Winston Kennedy, Oregon State University; Samuel Logan, Oregon State University; Kathleen Bogart, Oregon State University; Heather Feldner, Oregon State University; Michele Catena, Oregon State University; Christina Cafferata, Oregon State University

60 Exploring the quality of experiences of athletes with a disability at a high-performance talent identification event

Janet A. Lawson, Queen's University; Alexandra J. Walters, Queen's University; Jennifer Davey, Canadian Paralympic Committee; Jennifer Bruce, Canadian Paralympic Committee; Joseph Baker, York University; Amy E. Latimer-Cheung, Queen's University

61 The effects of music versus mindfulness on affective responses to self-paced treadmill walking

Anne Cox, Washington State University; Sarah Ullrich-French, Washington State University; Elaine Hargreaves, University of Otago; Amanda McMahon, Washington State University

62 What's in a Song? A Pilot Study Examining Music as a form of Athlete Identity Expression

Kat Longshore, Lafayette College; Erica Tibbetts, Smith College

63 The effects of attentional focus cues on skilled athlete's shot put throwing performance

Emily Lynn, The College at Brockport, State University of New York

64 Influence of Anxiety and Self-Confidence on Penalty Kick Performance

Prosper Narteh Ogum, University of Cape Coast, Ghana; Joseph Kwame Mintah, University of Cape Coast, Ghana; John Hagan, University of Cape Coast, Ghana

65 Why residuals are important in the self-efficacy-performance relationship analysis: A study across 12 cycling sessions

Stephen Samendinger, Drexel University; Christopher Hill, California State University - San Bernardino; Deborah Feltz, Michigan State University; Teri Hepler, University of Wisconsin-La Crosse

66 Psychological characteristics associated with performance and injury outcomes in adolescent alpine skiers

Brady DeCouto, University of Utah; Rhiannon L. Cowan, University of Utah; Bradley Fawver, University of Utah; Keith R. Lohse, University of Utah; Les Podlog, University of Utah; A. Mark Williams, University of Utah

67 Developmental pathways to expertise in alpine skiers

Rhiannon L. Cowan, University of Utah; Brady DeCouto, University of Utah; Brad Fawver, University of Utah; Keith R. Lohse, University of Utah; Paul R. Ford, University of Brighton; A. Mark Williams, University of Utah

68 Effects of a Three Stage Post-Performance Routine on Putting Performance

Jason Kostrna, Florida International University; Brian Foster, Lock Haven University; Jean-Charles Lebeau, Ball State University; Payton Howarth, Florida State University; Gershon Tenenbaum, Florida State University

69 An Evidence-Based Approach to Designing and Implementing a Mental Skills Workshop for MMA Athletes

Kat Longshore, Lafayette College; Jamie Taber, Lafayette College

70 Specificity of mental preparation strategies may not matter

Jeff Ives, Ithaca College; Emily Bloom, Ithaca College; Steven Kaufman, Ithaca College; Mike DiResto, Ithaca College; Tyler Lemza, Ithaca College

71 Family members influence and perceptions of sibling relationships in organized youth sport

Keith Osai, Weber State University; Travis Dorsch, Utah State University; Kay Bradford,

Utah State University

72 College Athletes and changes in social support frameworks during athletic careers

Bryn Crowder, Louisiana Tech University; Dr. Jordan Blazo, Louisiana Tech University; Dr. Travis Dorsch, Utah State University

73 Other-efficacy and performance: Examining variance within and across four-person cheerleading groups

Danielle Whiddon, East Carolina University; Christine Habeeb, East Carolina University

74 Analyzing collective synchrony in team sports using a regime-switching dynamic factor model

Daniel M. Smith, Springfield College

75 A social network approach to examining friendship and interactions as predictors of social identity in college club-level athletes

**NASPSPA Outstanding Student Paper Award*

Scott Graupensperger, Department of Kinesiology, The Pennsylvania State University; Michael Panza, Department of Kinesiology, The Pennsylvania State University; Michael Evans, Department of Kinesiology, The Pennsylvania State University

76 Groupness perceptions and basic needs satisfaction within fitness groups

M. Blair Evans, Penn State University; Scott Graupensperger, Penn State University; Alex Benson, University of Western Ontario; Mark Eys, Wilfrid Laurier University; Bryce Hastings, Auckland University of Technology; Jinger Gottschall, Penn State University

77 Can cohesion mediate between commitment and team resilience? Empirical evidence in young national soccer teams.

Tomás García Calvo, University of Extremadura; Spain; Francisco Miguel Leo, University of Extremadura; Spain; Miguel Angel Lopez-Gajardo, University of Extremadura; Spain; Jesus Diaz-García, University of Extremadura; Spain; Juan José Pulido-Gonzalez, University of Extremadura; Spain; Jose Carlos Ponce, University of Extremadura; Spain; Ivan Ramirez, University of Extremadura; Spain

78 The relationships between cohesion, collective efficacy, communication, and performance outcomes in youth team sports

Yuto Yasuda, University of Calgary; David Paskevich, University of Calgary

79 The impact of global parenting style and parent-initiated motivational climate on intercollegiate student-athlete motivation

Logan Lyons, Utah State University; Travis Dorsch, Utah State University

80 The impact of family financial investment on perceived parent pressure and child enjoyment and commitment in competitive dance

Travis Dorsch, Utah State University; C. Ryan Dunn, Weber State University; Michael King, Utah State University

81 Increasing weaker partner persistence in racially dissimilar exercise dyads using a social categorization intervention

Tayo Moss, Michigan State University; Stephen Samendinger, Drexel University; Andrew Mac Intosh, Ross Initiative in Sports for Equality (RISE); Alan L. Smith, Michigan State University; Norbert Kerr, Michigan State University; Deborah Johnson, Michigan State University; Joseph Cesario, Michigan State University; Deborah Feltz, Michigan State University

82 Parent and student-athlete perceptions of parental impact on the development and adoption of motivation orientation among NCAA student-athletes

Logan Lyons, Utah State University; Travis Dorsch, Utah State University; Emily Cook, Utah State University

83 Parent - student-athlete (dis)agreements: Informant variance in perceptions of relationship qualities

Miranda Kaye, Pennsylvania State University; Travis Dorsch, Utah State University; Katie Lowe, Clark University

84 Association of sport specialization with motivational characteristics and burnout

Thomas D. Raedeke, East Carolina University; William Holt Johnson, East Carolina University

85 Are implicit beliefs about ability sport-specific? Examination of the factor structure of a swimming-specific CNAAQ-2 with a sample of coaches

Andrew P. Driska, Michigan State University; Lauren Walker, Michigan State University

86 Validity of the Role Ambiguity Scale _ Brief version (RAS-B)

Erica McLean, Wilfrid Laurier University; Taylor Coleman, Wilfrid Laurier University; Jeemin Kim, Wilfrid Laurier University; Michael Godfrey, Wilfrid Laurier University;

Mark Eys, Wilfrid Laurier University

- 87 Psychometric properties of the Athlete Burnout Questionnaire in two retrospective samples

J.D. DeFreese, UNC-Chapel Hill; Nikki Barczak, UNC-Chapel Hill

- 88 Development of a Quality Sport Experience measure for youth: Preliminary results from Interviews with stakeholders within the youth sport community

Jeffrey Graham, McMaster University; Elizabeth Vandeborn, University of Toronto; Sina Azimi, University of Toronto; Matthew Kwan, McMaster University; John Cairney, University of Toronto

- 89 A place for everyone: Assessing recreational opportunities for children in urban, suburban, and rural communities across the United States

Emily Cook, Utah State University; Travis Dorsch, Utah State University

- 90 Can psychological needs satisfaction predict personal and social responsibility among young soccer players?

Lindsay Kipp, Texas State University; Nicole Bolter, San Francisco State University

- 91 Can we quantify stages of the return to play protocol? A case study evaluating full body motor response and computerized reaction time

Lucy Parrington, Balance Disorders Laboratory, Neurology Department, Oregon Health & Science University; James Chesnutt, Family Medicine, Oregon Health & Science University; Laurie King, Balance Disorders Laboratory, Neurology Department, Oregon Health & Science University

- 92 Building your best day: Disseminating the Canadian 24-Hour Movement Guidelines for Children and Youth via a digital hub

Madelaine Gierc, Queen's University; Alexandra J Walters, Queen's University; Emily M Tennant, Queen's University; Marc S Tremblay, Children's Hospital of Eastern Ontario Research Institute; Guy Faulkner, University of British Columbia; Amy Latimer-Cheung, Queen's University

- 93 Health outcomes of physical activity-based positive youth development for disadvantaged young people: A systematic review

Benjamin Parry, University of Birmingham; Jennifer Cumming, University of

Birmingham; Janice Thompson, University of Birmingham; Mark Holland, Newman University; Mary Quinton, University of Birmingham; Sam Cooley, Leicester University

94 "It's about the athlete first": A case study of positive youth development through sport in Park City, Utah

Matthew Vierimaa, Utah State University; Travis Dorsch, Utah State University



Saturday June 8

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

1 Maximal hand grip force production requires OPTIMAL conditions

Nicholas Drake, University of Nevada-Las Vegas; Keiko Arizala, University of Nevada-Las Vegas; Arthur Hockwald, University of Nevada-Las Vegas; Noah Morris, University of Nevada-Las Vegas; Gabriele Wulf, University of Nevada-Las Vegas

2 Transferring the optimal theory to lower extremity movements

Mackenzie Pierson, University of North Carolina at Greensboro; Sandra Shultz, University of North Carolina at Greensboro; Louisa Raisbeck, University of North Carolina at Greensboro

3 The influence of head-centered eye movements on postural stability in a modified balance test

Jonathan Marchetto, Temple University; W. Geoffrey Wright, Temple University; Gregory Teodoro, Temple University

4 The relationship between fundamental personality traits and brain dynamics during the recall of preferred music

Xinhong Jin, Shanghai University of Sport, China; Biye Wang, Yangzhou University, China; Xiaoyu Wang, Dalian University of Technology, China; Bradley D. Hatfield, University of Maryland; Calvin Lu, University of Maryland; Chenglin Zhou, Shanghai University of Sport, China; Fengyu Cong, Dalian University of Technology, China

5 The influence of neural crosstalk on movement planning

Sara Safdari, Texas A&M; Deanna Kennedy, Texas A&M

6 The relationship between core stability related measures and jump reach

Chang Liu, Seoul National University, Korea; Seonjin Kim, Seoul National University, Korea; Hye Jin Seo, Seoul National University, Korea; Wei Zhang, Zhengzhou University, China

7 Effects of varying force level and digit coordination pattern during an isometric pinch force tracking task

Melissa Schleicher, The University of Texas at Austin; Sangsoo Park, Northwestern University; Richard Eakin, The University of Texas at Austin; Lawrence Abraham, The University of Texas at Austin

8 Movement outcome variability for varying distances in a throwing task

Ben Meyer, Shippensburg University

9 The comparison of timing performance according to the movement continuity, pattern and speed

Jaekuk Jeong, Seoul National University

10 The influence of right limb force level on a multi-frequency bimanual coordination task

Yiyu Wang, Texas A&M University; Deanna Kennedy, Texas A&M University

11 Mental workload assessment during arm reaching performance under various levels of cognitive and motor demands

Maria J. Ayoub, University of Maryland, College Park; Emma P. Shaw, University of Maryland, College Park; Isabelle M. Shuggi, University of Maryland, College Park; Christopher Gaskins, University of Maryland, College Park; Elena C. Danos, University of Maryland, College Park; Rodolphe J. Gentili, University of Maryland, College Park

12 Joint motion and muscle activation scaling during 3-dimensional reach actions

Charles Smith, University of South Carolina; Austin Hetherington, University of South Carolina; Sheri Silfies, University of South Carolina; Jill Stewart, University of South Carolina

13 Rhythmic auditory stimuli improve temporal aspects of reaching movements, regardless of rhythmic complexity

Carrie M. Peters, University of Manitoba; Cheryl M. Glazebrook, University of Manitoba

14 The effect of endogenous auditory cues during rapid multitarget aiming

Jessica C. Sutton, University of Manitoba; Cheryl M. Glazebrook, University of Manitoba

15 Electromyographical analysis of various neck and trunk positions

Maryam Moeini, Old Dominion University; Kyle J. Kelleran, Bridgewater College; Margaret F. Lemaster, Old Dominion University; Karen M. Kott, Old Dominion University; Daniel M. Russell, Old Dominion University

16 Explicit knowledge interferes with implicit adaptation of bimanual grasp forces in younger and older adults

William Marsh, Moss Rehabilitation Research Institute; Tessa Johnson, Moss Rehabilitation Research Institute; Dustin Luchmee, Moss Rehabilitation Research Institute; Shailesh Kantak, Moss Rehabilitation Research Institute

17 Distinguishing the effects of verbalizing a motor skill on performance and retention in novice and skilled populations

Jence Rhoads, Auburn University; Gunnar Hulebak, Auburn University; Peter Sandstrom, Auburn University; Will Simpson, Auburn University; Matthew Miller, Auburn University

18 Effects of explicit and implicit learning on volleyball forearm pass to wall learning

Chung-Yu Chen, Department of Physical Education, National Taiwan University of Sport; Ti-Yu Chen, Department of Sport, National Changhua University of Education; Pei-Shan Guo, Department of Physical Education, National Taiwan University of Sport

19 The impact of chewing on neuromotor function in children

Jessica Prebor, Old Dominion University; Brittany Samulski, Old Dominion University; Steven Morrison, Old Dominion University

20 Fixations improved temporal movement characteristics during eye-hand coordination tasks

Matthew Yeomans, Louisiana State University; Brandon Phillips, Louisiana State University; Jan Hondzinski, Louisiana State University; Marc Dalecki, Louisiana State University

21 Prolonged eye-hand coordination deficits in young adult non-athletes with a history of concussion

William Arata, Louisiana State University; Brandon Phillips, Louisiana State University; Briasha Jones, Louisiana State University; Jaxon Adkins, Louisiana State University; Marc Dalecki, Louisiana State University

22 Hemispheric differences in perceptual-motor planning of reach-to-grasp actions after stroke

Tessa Johnson, Moss Rehabilitation Research Institute; William Marsh, Moss Rehabilitation Research Institute; Dustin Luchmee, Moss Rehabilitation Research Institute; Shailesh Kantak, Moss Rehabilitation Research Institute

23 Assisted Cycle Therapy (ACT) did not improve depression in older adults with Down syndrome

Kahyun Nam, Arizona State University; Nathaniel Arnold, Arizona State University; Shannon Ringenbach, Arizona State University; Emily Beaman, Arizona State University; Simon Holzapfel, Arizona State University

24 Development and psychometric testing of a measure of bimanual function following stroke: Bimanual Assessment Measure (BAM)

Brian Johnson, The University of Maryland School of Medicine; Sandy McCombe Waller, The University of Maryland School of Medicine; Jill Whittall, The University of Maryland School of Medicine; Kelly Westlake, The University of Maryland School of Medicine

25 ADHD in adults is associated with poor fine motor coordination

Alexandra C. Fietsam, Auburn University; Kristina A. Neely, Auburn University; Cynthia L. Huang-Pollock, The Pennsylvania State University

26 Kinematic variability of female ACL reconstruction and healthy athletes during the drop landing task

Sheena Turner, Texas Christian University; Hadley Lindley, Texas Christian University; Kelci Hannan, Texas Christian University; Shiho Goto, Ben Hogan Physical Therapy; James M. Bothwell, Ben Hogan Physical Therapy; J. Craig Garrison, Ben Hogan Physical Therapy; Joseph P. Hannon, Ben Hogan Physical Therapy; Adam C. King, Texas Christian University

27 Cognitive-motor performance assessment during upper limb body powered bypass prosthesis performance under various conditions of challenge

Christopher Gaskins, University of Maryland; Kimberly L. Kontson, Food & Drug Administration; Emma P. Shaw, University of Maryland; Isabelle M. Shuggi, University of Maryland; Maria J. Ayoub, Boston University; Jeremy C. Rietschel, University of Maryland; Matthew W. Miller, Auburn University; Rodolphe J. Gentili, University of Maryland

- 28 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

- 35 Effectiveness of aquatics instruction in individuals with disabilities: A systematic review

Emily Munn, Auburn University; Carlie Bagwell, Auburn University; Danielle Carabello, Auburn University; Lindsay Gatewood, Auburn University; Melissa Pangelinan, Auburn University

- 36 Assessing the practicality of parent and infant participation in tummy time

Raquel Castillo, California State University, Fullerton; Gabriela Carey-Zuniga, California State University, Fullerton; Richelleann Acain, California State University, Fullerton; Do Kyeong Lee, California State University, Fullerton

- 37 Sex differences in motor skills before and after a preschool motor skill intervention

Danielle Harkavy, University of Michigan; Sarah Rock, University of Michigan; Kara Palmer, University of Michigan; Leah Robinson, University of Michigan

- 38 Type, frequency, and duration of use of infant positioning devices

Yuemei Lu, Michigan State University; Janet Hauck, Michigan State University

- 39 The feasibility of Indonesian early childhood teachers in delivering the INDO-SKIP intervention to Muslim preschoolers

Ruri Famelia, The Ohio State University; Jacqueline Goodway, The Ohio State University; Yung-Ju Chen, The Ohio State University

- 40 Comparison of indirect calorimetry- and accelerometry-based energy expenditure in a low socioeconomic preschool movement skill intervention

Ryan S. Sacko, The Citadel; Ali Brian, University of South Carolina; Sally Taunton, University of South Carolina; Kerry McIver, University of South Carolina; Danielle Wadsworth, Auburn University; Emily Gilbert, University of South Carolina; Alexandra Stribing, University of South Carolina; Matthew Patey, University of South Carolina

Topic: Sport and Exercise Psychology

- 41 Physical activity habit disruption during the transition out of college sports: An ecological momentary assessment study

Jaclyn Maher, University of North Carolina Greensboro; Erin Reifsteck, University of North Carolina Greensboro; Jamian Newton, University of North Carolina Greensboro; Lenka Shriver, University of North Carolina Greensboro; Laurie Wideman, University of North Carolina Greensboro

42 Examining a cognitive dissonance-based body image intervention for youth female soccer players

Katherine Hirsch, University of Windsor; Irene Muir, University of Windsor; Krista Munroe-Chandler, University of Windsor; Todd Loughead, University of Windsor

43 Personality dimensions of exercise addiction - a field study

Dalit Lev Arey, The Academic College of Tel Aviv-Yaffo

44 How does envy and embarrassment relate to social physique anxiety and body appreciation in group fitness classes?

Keith McShan, Wayne State University; Whitney Moore, Wayne State University

45 Rumination as a moderator of the effect of body-related embarrassment on sport enjoyment and commitment among adolescent females

Madison F Vani, University of Toronto; Catherine M. Sabiston, University of Toronto

46 Linking athlete narcissism and sport satisfaction

Michael Godfrey, Wilfrid Laurier University; Jeemin Kim, Wilfrid Laurier University; Mark Eys, Wilfrid Laurier University

47 The relationship between facial asymmetry and exercise

Urska Dobersek, University of Southern Indiana; Gabrielle Wy, University of Southern Indiana; Skylar Kemp, University of Southern Indiana; Samantha Schnarr, University of Southern Indiana; Charleen Case, University of Michigan; Jon Manner, Florida State University

48 Acute exercise and memory in older adults (EMO)

Aiko Ueno, The University of North Carolina at Greensboro; Jarod Vance, The University of North Carolina at Greensboro; Jennifer Etnier, The University of North Carolina at Greensboro

49 Effects of 'green exercise' on neurocognitive functioning in healthy young adults

Arlene Maheu, Auburn University; Ford Dyke, Auburn University; Melissa Pangelinan, Auburn University

- 50 The moderating role of aerobic fitness on cognition in first-episode schizophrenia: Evidence from the P3 event-related potential

Andrew Ude, Rutgers, The State University of New Jersey; Gregory Pappas, Rutgers, The State University of New Jersey; Christopher Brush, Rutgers, The State University of New Jersey; Anthony Bocchine, Rutgers, The State University of New Jersey; Steven Silverstein, Rutgers University Behavioral Health Care; Molly Erickson, Rutgers University Behavioral Health Care; Brandon Alderman, Rutgers, The State University of New Jersey

- 51 The acute effects of aerobic exercise on behavioral and neuroelectric indices of working memory

Shih-Chun Kao, Department of Health and Kinesiology, Purdue University; Chun-Hao Wang, Institute of Physical Education, Health & Leisure Studies, National Cheng-Kung University; Charles Hillman, Department of Psychology, Northeastern University

- 52 Cognitive performance as a mediator of the relationship between aerobic fitness and academic achievement

SeYun Park, Chungnam National University; Jennifer Etnier, University of North Carolina at Greensboro; Dae-Hyun Yun, Chungnam National University; Hae-Yong Chun, Chungnam National University

- 53 The effect of mental preparation on brain dynamics and muscular force during maximal voluntary movement

Andrew Ginsberg, University of Maryland, College Park; Calvin Lu, University of Maryland, College Park; Germano Gallicchio, University of Birmingham, UK; Eric Elue, University of Maryland, College Park; Joshua Teso, University of California Santa Cruz; Mohammad Bah, Howard University; Bradley Hatfield, University of Maryland, College Park

- 54 EEG frontal asymmetry indicator of affective response in high-intensity interval training compared to continuous intensity exercise

Jordan Barbee, East Carolina University; Rachel Williams, East Carolina University; Nicholas Murray, East Carolina University

- 55 The effects of acute high-intensity interval training on working memory and contralateral delay activity

Eric Drollette, University of North Carolina at Greensboro; Caroline Meadows, University of North Carolina at Greensboro

56 The effects of an exercise intervention on executive functioning in individuals with obstructive sleep apnea

Karla Kubitz, Towson University; Joey Auble, Towson University; Michelle Ufua, Towson University; Devon Dobrosielski, Towson University

57 Acute walking effects on recognition memory in preadolescent children: Exploring individual differences in BMI

Eric S. Drollette, University of North Carolina at Greensboro; Charles H. Hillman, Northeastern University

58 Do types of physical activity impact alcohol consumption differently among University students?

Steve Amireault, Purdue University; Jonathan Spencer, Purdue University; Yumary Ruiz, Purdue University; Sean Lane, Purdue University

59 Associations between physical activity, sedentary behavior and single substance use among adolescents and young adults: A systematic review

Ashley Sanders, The Pennsylvania State University; Michael Russell, The Pennsylvania State University; David Conroy, The Pennsylvania State University

60 Predicting cognitive performance from physical activity and fitness in adolescents and young adults in Botswana relative to HIV status

Jarod Vance, University of North Carolina at Greensboro; Leps Malete, Michigan State University; Jennifer Etnier, University of North Carolina at Greensboro; Dawn Tladi, University of Botswana; Jerry Makhanda, Botswana Baylor Children's Clinical Centre of Excellence; Gabriel Anabwani, Botswana Baylor Children's Clinical Centre of Excellence

61 The effect of acute aerobic exercise on unidirectional prosaccade switch-cost when alternating between pro- and antisaccades

Diksha Shukla & Zain Al-Shamil, Western University

62 The effects of acute stress and cardiorespiratory fitness on a task-switching test: An ERP study

Chien-Heng Chu, National Taiwan Normal University, Taiwan; Chun-Chih Wang, National Taiwan Normal University, Taiwan; Lin Chi, Ta Hwa University of Technology, Taiwan; Yu-Kai Chang, National Taiwan Normal University, Taiwan

63 An investigation of defensive tactical knowledge in soccer players and coaches of differing experience and quality

Robert Horn, Montclair State University; Robert Leather, Montclair State University; Jonathan Marchetto, Temple University; Bridgette Buckalew, Montclair State University

64 Impact of physical exercise on emotional well-being in children with autism spectrum disorder

Choi Yeung Andy Tse, Education University of Hong Kong; Paul Hong Lee, Hong Kong Polytechnic University

65 Attend to the rhythm: Acute effects on attention from rhythmic physical activity in children

Brenna Klesel, Iowa State University; Dr. Spyridoula Vazou, Iowa State University; Dr. Ann Smiley-Oyen, Iowa State University

66 How children's physical activity motivation impacts their fundamental movement skills

Cameron Peers, Dublin City University

67 Differences in Finnish students' perceptions of enjoyment and anxiety between physical education in general and fitness testing class

Mikko Huhtiniemi, University of Jyväskylä; Kasper Salin, University of Jyväskylä; Timo Jaakkola, University of Jyväskylä

68 Defining an Olympic legacy: A case study of one community's efforts to optimize youth sport programming

Travis Dorsch, Utah State University; Matthew Vierimaa, Utah State University

69 How peer interactions factor into children's play on playground painted lines.

Janet Wong, University of Calgary; Meghan H. McDonough, University of Calgary; Kyle McCallum, University of Calgary; William Bridel, University of Calgary; Levi Frehlich, University of Calgary; Gavin McCormack, University of Calgary; Kris Fox, University of Calgary; Laura Brunton, Western University; Heather Cowie, Calgary Recreation, City of Calgary; Carolyn A. Emery, University of Calgary; Julie Guimond, Calgary Parks, City of Calgary

70 Strategies parents use to promote physical activity in their children: A dyadic diary study

Kathleen S. Wilson, California State University, Fullerton; Brandon L. Keyes, California State University, Fullerton; Nikki Saberi, California State University, Fullerton

71 Longitudinal changes of movement behaviors and mental health: a comparison between Hispanic and non-Hispanic young children

xiaoxia zhang, The University of Texas at Arlington; Xiangli Gu, The University of Texas at Arlington; Senlin Chen, Louisiana State University

72 Expanding an autonomy-supportive intervention into a multiple motivating styles intervention for PE teachers: Benefits to both students and Teachers

Sung Hyeon Cheon, Department of Physical Education, Korea University; Johnmarshall Reeve, Department of Education, Korea University; Tae Ho Yu, Department of Physical Education, Korea University; Yong-Gwan Song, Department of Marine Sports, Pukyong National University

73 Perceived motivational climate, basic need satisfaction, enjoyment of PE and young adolescents' intentions to be active in their leisure time

Joan L. Duda, University of Birmingham UK; Paul L. Appleton, University of Birmingham UK; Athanasios Papaioannou, University of Thessaly, Greece

74 A mixed methods approach to female triathlete motivation

Stephanie Salisbury, Argosy University; Dr. Sheryl Harrison, Argosy University; Dr. Eric Johnson, Argosy University

75 Are levels of testosterone, willingness to cheat, and exercise motives related?

Urska Dobersek, University of Southern Indiana; Brodget Stallings, University of Southern Indiana; Samantha Schnarr, University of Southern Indiana; Charleen Case, University of Michigan; Jon Manner, Florida State University

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