



## 2018 Conference Program

Denver, Colorado  
June 20 - 23, 2018

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### Wednesday, June 20<sup>th</sup>, 2018

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8:00am – 5:00pm     **Executive Committee Meeting** (Rexford)

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### Thursday, June 21<sup>st</sup>, 2018

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7:00am – 8:00am     **Area Program Chair's Breakfast Meeting** (Dining Room Reserved Table Back Corner)

8:00am – 9:30am     **Concurrent Sessions**

***Sport and Exercise Psychology Symposium – Are You Feeling Good Yet? Addressing The Need For Pleasure During Continuous, Interval, And Resistance Training Protocols (Crystal C)***

*Organizer:*            Leighton Jones, Sheffield Hallam University, UK  
*Discussant:*        Anne Cox, Washington State University  
*Moderator:*        Amber Mosewich, University of Alberta

**Symposium Overview**

*Leighton Jones, Sheffield Hallam University, UK; Zachary Zenko, Duke University; Matthew Stork, University of British Columbia*

**Decrease the intensity, increase the pleasure and enjoyment: Findings from a resistance training experiment**

*Zachary Zenko, Duke University; Jasmin Hutchinson, Springfield College*

**A comparison of psychological and behavioral responses to interval and continuous exercise among inactive adults**

*Matthew Stork, University of British Columbia; Martin Gibala, McMaster University; Kathleen Martin Ginis, University of British Columbia*

**Can hiit be more pleasant? Examining the affective responses to different applications of music during hiit**

*Leighton Jones, Sheffield Hallam University, UK; Matthew Stork, University of British Columbia; Liam Oliver, Sheffield Hallam University, UK*

**Sport and Exercise Psychology Verbal Presentations – Exercise and Cognition (Crystal B)**

Moderator: Matthew Pontifex, Michigan State University

- 8:00 **Effects of exercise on cognition: Preventing decline in older adults**  
*Selen Razon, West Chester University; Jean-Charles Lebeau, Ball State University; Matthew Thomas, Goshen Hospital; Leonard Kaminsky, Ball State University; Jocelyn Bolin, Ball State University*
- 8:15 **The effect of acute exercise on neural activation and memory performance**  
*Alexis B Slutsky, Aiko Ueno, Sudharani Arunachalam, Jennifer L Etnier, University of North Carolina at Greensboro*
- 8:30 **Longer, further, faster: Associations between fitness and executive functions in children**  
*Emily Bremer, McMaster University; Jeffrey D. Graham, McMaster University; John Cairney, University of Toronto*
- 8:45 **The effect of moderate intensity continuous exercise training on high interference memory in young adults**  
*Kristen Lucibello, Jennifer Heisz, McMaster University*
- 9:00 **Fitness as a moderator of the aging and cognition relationship: An ERP study**  
*Christopher Brush, Rutgers University; Peter Ehmann, Rutgers University; Ryan Olson, University of North Texas; Anthony Bocchine, Rutgers University; Brandon Alderman, Rutgers University*
- 9:15 **Investigating the role of tonic and phasic locus-coeruleus activation in modulating cognition following acute exercise**  
*Amanda L. McGowan, Madison C. Chandler, Jan W. Brascamp, Matthew B. Pontifex, Michigan State University*

**Motor Learning and Control Verbal Presentations – Movement Disorders, Disability, and Rehabilitation (Crystal A)**

Moderator: Jan Hondzinski, Louisiana State University

- 8:00 **Is intensity a critical factor in motor rehabilitation for Parkinson's disease?**  
*Quincy Almeida, Matthew T. Lasswell, Eric N. Beck, Wilfrid Laurier University*
- 8:15 **Using coordination tasks to screen people with a history of mTBI**  
*Shaochen Huang, Boyi Dai, Qin Zhu, University of Wyoming*
- 8:30 **Exploring the relationship between otolith function, sensorimotor integration, and postural control in chronic mild traumatic brain injury**  
*Deborah Jehu, Oregon Health & Science University; Sean Kempel, The Veteran Affairs Portland Health Care System; Lucy Parrington, Oregon Health & Science University; Peter Fino, Oregon Health & Science University; Timothy Hullar, Oregon Health & Science University; Laurie King, Oregon Health & Science University*
- 8:45 **Locomotor adjustments during stair ascent in children with Down syndrome: Comparison between walking and crawling strategies**  
*Huaqing Liang, Jianhua Wu, Georgia State University*

9:00 **Acute effects of assisted cycling therapy on upper extremity motor function after stroke**  
*Simon Holzapfel, Arizona State University; Shannon Ringenbach, Arizona State University; Pamela Bosch, Northern Arizona University; Chong Lee, Arizona State University; Brittany Heyer, Arizona State University*

9:15 **Dual-task cost and cognition in patients with chronic mTBI**  
*Lucy Parrington, Tyler Duffield, Peter Fino, Laurie King, Oregon Health & Science University*

**Motor Development Symposium – Celebrating 50 Years of The Michigan State University Motor Performance Study (Crestone B)**

*Organizer:* Larissa True, SUNY Cortland  
*Discussant:* Karin Pfeiffer, Michigan State University  
*Moderator:* Sam Logan, Oregon State University

**An overview of the Michigan State University motor performance study: Then and now**

*Crystal Branta, Michigan State University; John Haubenstricker, Michigan State University; Karin Pfeiffer, Michigan State University; Larissa True, SUNY Cortland; Eric Martin, Boise State University; Shannon Siegel, University of San Francisco; Vern Seefeldt, Michigan State University*

**Influence of adiposity and maturation on fitness in girls**

*Christine Pacewicz, Karin Pfeiffer, Amy Nuttall, Crystal Branta, John Haubenstricker, Vern Seefeldt, Michigan State University*

**Tracking of physical fitness components from childhood to adolescence: A longitudinal study**

*Larissa True, SUNY Cortland; Eric Martin, Boise State University; Karin Pfeiffer, Michigan State University; Shannon Siegel, University of San Francisco; Crystal Branta, Michigan State University; John Haubenstricker, Michigan State University; Vern Seefeldt, Michigan State University*

**Youth sport participation and adult physical activity: The influence of fundamental movement skill instruction during childhood**

*Eric Martin, Boise State University; Larissa True, SUNY Cortland; Karin Pfeiffer, Michigan State University; Shannon Siegel, University of San Francisco; Crystal Branta, Michigan State University; David Wisner, Central Michigan University; John Haubenstricker, Michigan State University; Vern Seefeldt, Michigan State University*

9:30am – 9:45am **Refreshment Break**

9:45am – 11:15am **Concurrent Sessions**

**Multidisciplinary Symposium – Cognitive-Motor And Psychological Mechanisms Underlying Motor Control And Learning In A Social Context: From Human-Human To Human-Robot Dynamics (Crystal C)**

*Organizer:* Rodolphe Gentili, University of Maryland; Matthew Miller, Auburn University  
*Discussant:* Will Wu, California State University - Long Beach  
*Moderator:* Richard Magill, Columbia University

**Symposium Overview – Cognitive-motor and psychological mechanisms underlying motor control and learning in a social context: From human-human to human-robot dynamics**

*Rodolphe Gentili, University of Maryland; Matthew Miller, Auburn University*

**When practice together moderates how we practice, yet not to the detriment of our own learning**

*Nicola Hodges, April Karlinsky, University of British Columbia*

**Advantages of dyad and triad practice**

*Charles Shea, Deanna Kennedy, Texas A&M University*

**Understanding group motivation gains in exercise and sport contexts**

*Deborah Feltz, Christopher Hill, Michigan State University*

**The effects of team environment on cognitive resource allocation**

*Matthew Miller, Auburn University*

**Assessing motor performance and mental workload during team practice: When robotic systems inform human motor behavior**

*Rodolphe J. Gentili, Isabelle M. Shuggi, University of Maryland*

***Sport and Exercise Psychology Verbal Presentations – Youth Sport (Crystal B)***

*Moderator: Nicole Bolter, San Francisco State University*

**9:45 Exploring long-term behavioural consequences of early specialization in swimming among masters swimmers**

*Heather K. Larson, University of Alberta; Tara-Leigh F. McHugh, University of Alberta; Bradley W. Young, University of Ottawa; Wendy M. Rodgers, University of Alberta*

**10:00 A longitudinal examination of the relationship between physical literacy and sport participation**

*Clark Heather, John Cairney, University of Toronto*

**10:15 Parent conditional regard and the development of perfectionism in adolescent athletes: The mediating role of competence contingent self-worth**

*Thomas Curran, University of Bath, UK*

**10:30 Parent-child relationships in youth sport: The positive impact of parental perceived responsiveness**

*Olivier Y. Rouquette, Swansea University, UK; Camilla J. Knight, Swansea University, UK; Victoria E. Lovett, Swansea University, UK; Jean-Philippe Heuzé, Université Grenoble Alpes, France*

**10:45 A citation network analysis of research on the parent-child relationship in organized youth sport**

*Travis Dorsch, Matthew Vierimaa, Juliana Plucinik, Utah State University*

**11:00 Parents' perfectionism, parenting styles, and views of sport specialization**

*Emily Wright, Michigan State University; Melissa Chase, Miami University; Robin Vealey, Miami University; Thelma Horn, Miami University*

***Motor Development Verbal Presentations – Motor Learning & Control in Special Populations (Crystal A)***

*Moderator: Jane Clark, University of Maryland*

**9:45 Knee joint kinematics of the pendulum test in children with and without Down syndrome**

*Diego Ferreira, Huaqing Liang, Jianhua Wu, Georgia State University*

- 10:00 **Children with Down syndrome display typical intersegmental coordination during turning phase of the Timed Up-and-Go test**  
*Matthew Beerse, Michael Lelko, Jianhua Wu, Georgia State University*
- 10:15 **Mild cognitive impairment declines learning of a simple movement sequence.**  
*Stephan Panzer, Saarland University, Germany; Willem Verwey, University of Twente, The Netherlands; Janine Vieweg, Saarland University, Germany; Peter Leinen, Saarland University, Germany*
- 10:30 **Visual attention to instructional supports in autism spectrum disorder: A case-control study**  
*J. Megan Irwin, University of South Carolina; Keith Lohse, University of Utah; Mary Rudisill, Auburn University; Melissa Pangelinan, Auburn University*
- 10:45 **Physical activity level changes are related to motor skill changes in infants with Down syndrome**  
*Kathryn L. Gwizdala, Isabella T. Felzer-Kim, Janet L. Hauck, Michigan State University*
- 11:00 **The influence of motor competence and obesity on physical activity and fitness among children with intellectual and developmental disabilities**  
*Kerri Staples, University of Michigan; Kyla Collins, Texas Christian University; Sara Lautenslager, University of Regina; Kendra McLeod, University of Regina; Amanda Federink, University of Regina*

***Motor Development Symposium – A Cultural Perspective on The Interaction of Actual And Perceived Motor Performance And Their Correlates In Children (Crestone B)***

*Organizer:* Dennis Dreiskaemper, University of Muenster, Germany  
*Discussant:* Nadja Schott, University of Stuttgart, Germany  
*Moderator:* Jacqueline Goodway, Ohio State University

**Symposium overview: A cultural perspective on the interaction of actual and perceived motor performance and their correlates in children**

*Dennis Dreiskaemper, University of Muenster, Germany*

**Cultural perspective on the interaction of actual and perceived motor performance in children**

*Maike Tietjens, University of Muenster, Germany; Dennis Dreiskaemper, University of Muenster, Germany; Nadja Schott, University of Stuttgart, Germany; Till Utesch, University of Muenster, Germany; Trina Hinkley, Deakin University, Australia; Lisa M. Barnett, Deakin University, Australia; Natalie Lander, Deakin University, Australia.; Benjamin Holfelder, University of Stuttgart, Germany*

**The measurement of the physical self-concept/self-perception of motor competence in childhood: A review**

*Dennis Dreiskaemper, University of Muenster, Germany; Till Utesch, University of Muenster, Germany; Farid Bardid, University of Strathclyde, UK; Maike Tietjens, University of Muenster, Germany*

**Fit girls and skillful boys? Direct and indirect relationships of physical activity, motor performance, and physical fitness on cognition in children**

*Nadja Schott, University of Stuttgart, Germany; Benjamin Holfelder, University of Stuttgart, Germany; Emiliano Mazzoli, Deakin University, Australia*

**How stable is perceived motor competence over one year and does it differ for boys and girls?**

*Lander, Deakin University, Australia; Trina Hinkley, Deakin University, Australia; Nadja Schott, University of Stuttgart, Germany; Maike Tietjens, University of Muenster, Germany; Till Utesch, University of Muenster, Germany; Dennis Dreiskaemper, University of Muenster, Germany*

11:30am – 12:30pm **Conference Welcome and Human Kinetics Lecture** (Crystal Ballroom)

**Conference Welcome and Introduction of Human Kinetics Lecturer**

*Daniela Corbetta, University of Tennessee, NASPSPA Past-President*

**Human Kinetics Lecture - Visual control of natural actions**

*Mary Hayhoe, University of Texas at Austin*

12:30pm – 1:45pm **Past-Presidents Luncheon** (Leadville)

12:30pm – 1:45pm **Student-Faculty Luncheon** (Aspen)

12:30pm – 1:45pm **JSEP Editorial Board Lunch Meeting - Human Kinetics** (Rexford)

1:45pm – 3:15pm **Concurrent Sessions**

**Motor Learning and Control Symposium – Learning To Organize and Reorganize Movement Coordination Patterns** (Crystal C)

*Organizer:* Karl Newell, University of Georgia

*Discussant:* Jill Whittall, University of Maryland

*Moderator:* Rob Horn, Montclair State University

**Introduction to theme of symposium**

*Karl Newell, University of Georgia*

**Control parameter and collective variable dynamics in a degenerate perceptual-motor task**

*Yeou-Teh Liu, National Taiwan Normal University, Taiwan; Kuo-Liang Chuang, National Taiwan Normal University, Taiwan; Karl Newell, University of Georgia*

**Altering bimanual coordination patterns in redundant motor tasks**

*Rajiv Ranganathan, Michigan State University; Federica Danese, University of Genoa, Italy; Edoardo Corona, University of Genoa, Italy; Maura Casadio, University of Genoa, Italy*

**Adaptations in postural control to different task constraints in people with multiple sclerosis**

*Richard Van Emmerik, Julianna Averill, Michael Busa, University of Massachusetts*

**Sport and Exercise Psychology Verbal Presentations – Exercise Motivation** (Crystal B)

*Moderator:* Kathleen S. Wilson, California State University, Fullerton

1: 45 **An exploratory study on flow under köhler paradigm with software-generated partners**

*Seungmin Lee, Nicholas D. Myers, Taiwoo Park, Christopher Hill, Deborah L. Feltz, Michigan State University*

2:00 **I can see it in your face: Exercisers' and non-exercisers' automatic affective valuations of exercise**

*Ralf Brand, University of Potsdam, Germany; Lukas Ulrich, Humboldt-University Berlin, Germany*

2:15 **Testing the integrated behavior change model in gym members: A longitudinal study**

*Navin Kaushal, University of Montreal; Martin S. Hagger, Curtin University, Australia; Béatrice Bérubé, University of Montreal; Louis Bherer, University of Montreal*

- 2:30 **A qualitative investigation of older adults' beliefs about physical activity maintenance and re-engagement**  
*Mary Katherine Huffman, Steve Amireault, Purdue University*
- 2:45 **Step up: Exploring the effectiveness of social norm prompts on stair use in a university setting**  
*Alyson Crozier, University of South Australia, Australia*
- 3:00 **Older adults' experiences of group-based physical activity: A qualitative study from the 'GOAL' randomized controlled trial**  
*Erica Bennett, The University of British Columbia; Laura Hurd Clarke, The University of British Columbia; Svenja Anna Wolf, University of Amsterdam, The Netherlands; William Dunlop, University of California, Riverside; Samantha Harden, Virginia Tech; Yan Liu, The University of British Columbia; Paul Estabrooks, University of Nebraska; Ryan Rhodes, University of Victoria; Mark Beauchamp, The University of British Columbia*

**Motor Development Verbal Presentations – Measurement and Methodology (Crystal A)**

*Moderator:* Beth Smith, University of Southern California

- 1:45 **Does the strength of the correlation between adolescents' actual and perceived motor competence depend on the measurement method?**  
*An De Meester, Silke De Waelle, Frederik Deconinck, Matthieu Lenoir, Leen Haerens, Ghent University, Belgium*
- 2:00 **Development and validation of a set of cognitive tasks for inhibitory control assessment in children: Gonogo paradigm in and App for mobile device**  
*Rodrigo Sartori, Universidade Federal do Rio Grande do Sul, Brazil; Nadia Cristina Valentini, Universidade Federal do Rio Grande do Sul, Brazil; Glauber Carvalho Nobre, Universidade Federal do Rio Grande do Sul, Brazil; Rochele Paz Fonseca, PUCRS, Brazil*
- 2:15 **Children's scores on the Test of Gross Motor Development-2nd and 3rd edition: A comparison study**  
*Kara K. Palmer, Katherine M. Chinn, Leah E. Robinson, Center for Human Growth and Development, University of Michigan*
- 2:30 **Children's metabolic expenditure during object projection skill performance**  
*Ryan S. Sacko, Kerry McIver, Joseph Gorab, Ali Brian, Danielle Nesbitt, David F. Stodden, University of South Carolina*
- 2:45 **Surveying caregivers about the duration of various positions and devices used for infants: Is Ecological Momentary Assessment necessary?**  
*Marcelo Rosales, University of Southern California; Tanya Tripathi, Virginia Commonwealth University; Stacey Dusing, Virginia Commonwealth University; Beth Smith, University of Southern California*
- 3:00 **The Test of Gross Motor Development-3rd edition: Validation of instructional sensitivity**  
*Dale A Ulrich, University of Michigan; Kerri Staples, University of Michigan; E. Andrew Pitchford, Iowa State University; Yuemei Lu, University of Michigan*

**Motor Development Symposium – Best Practices For The Development And Implementation of Physical Activity And Motor Skill Interventions For Preschoolers (Crestone B)**

*Organizer:* Danielle Wadsworth, Auburn University  
*Discussant:* Jacqueline Goodway, Ohio State University  
*Moderator:* Frank Snyder, Central Michigan University

**Introduction of symposium**

*Danielle Wadsworth, Jerraco Johnson, Melissa Pangelinan, Auburn University*

**Critical environmental factors: Best practices for elucidating positive changes in fundamental motor skill learning in preschool-age children**

*Jerraco Johnson, Mary Rudisill, Auburn University*

**Best practices to elicit moderate to vigorous physical activity in preschoolers: A social ecological approach**

*Danielle Wadsworth, Alexandra Venezia, Auburn University*

**Measuring the immediate and long-term effects of motor skill and physical activity intervention on cognitive and academic skills**

*Melissa Pangelinan, Julia Sassi, Brooke Converse, Auburn University*

3:15pm – 3:30pm **Break**

3:30pm – 4:15pm **Early Career Distinguished Scholar Lectures (Crystal Ballroom)**

*Moderator:* Daniela Corbetta, University of Tennessee

*Introduction:* Jacqueline Goodway, Ohio State University

**A little clumsy and full of problems: Mechanisms and consequences of developmental coordination disorder**

*Priscila Caçola, University of Texas at Arlington*

*Introduction:* Nicola Hodges, University of British Columbia

**Exploring measurement and methodology in motor behavior**

*Keith Lohse, University of Utah*

4:15pm – 6:15pm **Poster Session #1 (3<sup>rd</sup> Floor Lobby)**

*Moderators:* Danielle Felsberg, University of North Carolina, Greensboro  
Kathleen Mellano, Michigan State University  
Chrissy Pacewicz, Michigan State University  
Ryan Sacko, The Citadel

See Pages 23-30 of this conference program for a list of the posters. Please set up posters by Noon. If you have an odd-numbered poster, please stand at your poster for the first hour. If you have an even-numbered poster, please stand at your poster for the second hour.

6:15pm – 6:45pm **Presentation of Distinguished Scholar Award (Crystal Ballroom)**

6:45pm – 8:15pm **Wine and Cheese Happy Hour (2<sup>nd</sup> Floor Foyer)**

Please join us for wine and light hors d'oeuvres and offer congratulations to our distinguished scholars. Dinner is on your own after this event.



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## Friday, June 22<sup>nd</sup>, 2018

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8:00am – 9:30am **Concurrent Sessions**

### ***Sport and Exercise Psychology Symposium – Licit And Illicit Performance Enhancement In Sport And Education (Crystal C)***

**Organizer:** Ian David Boardley, University of Birmingham, UK  
**Discussant:** Daniel Gould, Michigan State University  
**Moderator:** Alyson Crozier, University of South Australia, Australia

#### **Development and validation of indirect measures of athletes' attitudes towards controlled and uncontrolled forms of performance enhancement in sport**

*John Mills, University of Essex, UK; Ian David Boardley, University of Birmingham, UK; Alexandra Olton, University of Birmingham, UK*

#### **Antecedents and outcomes of technical and strength and conditioning coaches' doping confrontation efficacy beliefs**

*Ian David Boardley, University of Birmingham, UK; Jonathan Grix, Manchester Metropolitan University, UK; Ceri Wynne, University of Birmingham, UK; Alan Smith, Michigan State University; Nikos Ntoumanis, Curtin University, Australia*

#### **Athletes' perceptions of coach doping confrontation efficacy and athletes' susceptibility to intentional and inadvertent doping in athletics and rugby**

*Anthony Knox, University of Birmingham, UK; Ian David Boardley, University of Birmingham, UK; Ceri Wynne, University of Birmingham, UK; Alan Smith, Michigan State University; Nikos Ntoumanis, Curtin University, Australia*

#### **A qualitative investigation of psychosocial factors facilitating students' use of cognitive enhancing drugs**

*Andrew Heyes, Ian David Boardley, University of Birmingham, UK*

### ***Sport and Exercise Psychology Verbal Presentations – Social Influence (Crystal B)***

**Moderator:** Jennifer Brunet, University of Ottawa

8:00 **Are significant others really insignificant? A response surface analysis of subjective norms in predicting physical activity intentions**

*Jeemin Kim, Mark Eys, Jennifer Robertson-Wilson, Emily Dunn, Kayla Rellinger, Wilfrid Laurier University*

8:15 **A tripartite efficacy examination of the personal trainer-client relationship**

*Christopher Hill, Deborah Feltz, Michigan State University*

8:30 **Perceived social support predicts competition appraisals and performance satisfaction among varsity athletes: Organizational stressors as moderators**

*Katherine Tamminen, University of Toronto; Catherine Sabiston, University of Toronto; Peter Crocker, University of British Columbia*

- 8:45 **Social perceptions, sport-specific coping, and burnout in American collegiate club athletes**  
*J.D. DeFreese, University of North Carolina at Chapel Hill; Nikki Barczak, University of North Carolina at Chapel Hill; Johna Register-Mihalik, University of North Carolina at Chapel Hill; Emily Kroshus, University of Washington; Shelby Waldron, University of North Carolina at Chapel Hill*
- 9:00 **Motivation contagion: Effects of exerciser weight status and perceived motivation on fitness instructors' motivation and beliefs about the exerciser**  
*Michelle Guerrero, University of Windsor; Nikos Ntoumanis, Curtin University, Australia; Cecilie Thogersen-Ntoumani, Curtin University, Australia; Courtney Gadeke, Curtin University, Australia*
- 9:15 **Measuring peer athlete mentoring functions: Development of the Athlete Mentoring Questionnaire (AMQ)**  
*Matt D. Hoffmann, Todd M. Loughhead, University of Windsor*

**Motor Learning and Control Verbal Presentations – Self-Control Effects on Motor Learning (Crystal A)**

Moderator: Kevin Becker, Texas Woman's University

- 8:00 **Different degrees of choice influence self-controlled feedback effects on motor learning**  
*Jeffrey Fairbrother, University of Tennessee; Andy Bass, University of Tennessee; Aaron von Lindern, College of Western Idaho; Kaylee Couvillion, University of Tennessee*
- 8:15 **Does the prompt that a participant receives for feedback contribute to the learning advantage of self-controlled practice?**  
*Julia Hussien, University of Ottawa; Zachary D. Yantha, University of Ottawa; Michael J. Carter, McMaster University; Diane M. Ste-Marie, University of Ottawa*
- 8:30 **Exploring the neurophysiological mechanisms determining the regulation of difficulty in self-controlled practice**  
*Anupriya Pathania, University of Utah*
- 8:45 **Working memory engagement during self-controlled practice: An EEG study**  
*Kyle J. Jaquess, University of Maryland; Yingzhi Lu, Shanghai University of Sport, China; Andrew Ginsberg, University of Maryland; Calvin Lu, University of Maryland; Bradley Ritland, University of Maryland; Hyuk Oh, University of Maryland; Steven Kahl, University of Maryland; Bradley D. Hatfield, University of Maryland; Rodolphe J. Gentili, University of Maryland*
- 9:00 **Measuring cortical 1/f noise in a motor learning paradigm: Effects of difficulty, performance, and time**  
*Keith Lohse, University of Utah; Anupriya Pathania, University of Utah; Amber Leiker, Auburn University; Matthew Miller, Auburn University*
- 9:15 **Self-control effects during a reduction of feedback availability**  
*Aaron von Lindern, College of Western Idaho; Andrew Bass, University of Tennessee; Jeffrey Fairbrother, University of Tennessee*

**Motor Development Verbal Presentations – Exploration and Play (Crestone B)**

Moderator: Mei-Hua Lee, Michigan State University

- 8:00 **An exploration of how infant locomotor experience facilitates psychological change**  
*David I. Anderson, San Francisco State University; Minxuan He, San Francisco State University; Joseph J. Campos, University of California, Berkeley*

- 8:15 **How does the discovery of a non-obvious perceptual property impact perceptual-motor exploration of objects in infants?**  
*Rebecca F. Wiener, Daniela Corbetta, University of Tennessee*
- 8:30 **Posture and play: How infants use their bodies to interact with their surroundings in the first two years**  
*Sabrina L. Thurman, Elon University; Daniela Corbetta, University of Tennessee*
- 8:45 **Differences in parental behaviors of parents of young children with and without ASD in two different play settings**  
*Byungmo Ku, Megan MacDonald, Bridget Hatfield, Oregon State University*
- 9:00 **Mobility is a fundamental human right: Factors predicting attitudes toward self-directed mobility**  
*Samuel W. Logan, Kathleen R. Bogart, Samantha M. Ross, Erica Woekel, Jenna Fitzgerald, Samantha Ligman, Christina Cafferata, Oregon State University*
- 9:15 **The impact of object size on children's motor planning skills**  
*Sara Scharoun Benson, University of Windsor*

9:30am – 9:45am **Refreshment Break**

9:45am – 11:15am **Concurrent Sessions**

**Multidisciplinary Symposium – "What, So What, And Now What?" Translating Positive Youth Development (PYD) Research To Program Improvements In Curricula And Coach Training (Crystal C)**

*Organizer:* Maureen Weiss, University of Minnesota  
*Discussant:* Allison Riley, Girls on the Run International, Charlotte, NC  
*Moderator:* Megan Stellino, University of Northern Colorado

**Introduction to the symposium**

*Maureen Weiss, University of Minnesota*

**Using research and evaluations to inform improvements in LiFEsports: "So what" to "Now what?"**

*Dawn Anderson-Butcher, Ohio State University; Anthony Amorose, Illinois State University*

**Longitudinal impact of *The First Tee* on PYD: "So what" to "Now what?"**

*Nicole Bolter, San Francisco State University; Maureen Weiss, University of Minnesota*

**"So what?" Connecting research and practice through the PYDSportNET program**

*Nicholas Holt, Kurtis Pankow, University of Alberta*

**"What ... so what?" Girls on the run — a longitudinal evaluation of program impact**

*Maureen Weiss, University of Minnesota; Lindsay Kipp, Texas State University; Alison Phillips, University of Iowa; Sarah Espinoza, University of Minnesota; Hailee Moehnke, University of Minnesota; Nicole Bolter, San Francisco State University*

**"Now what?" A practitioner's perspective on translating PYD research to program improvements**

*Allison Riley, Girls on the Run International*

**Sport and Exercise Psychology Verbal Presentations – Physical Activity Intervention (Crystal B)**

Moderator: Brandon Alderman, Rutgers University

- 9:45 **How can academic and community partners support healthy eating and physical activity programs in childcare and early-learning centers?**  
*Angela M. Coppola, Indiana University Kokomo; Allison L. Voils, Indiana University Kokomo; Janet Gafkjen, Partnership for a Healthy Hamilton County; David J. Hancock, Indiana University Kokomo*
- 10:00 **Exploring the relationship between parent and child physical activity during a family-based fitness intervention**  
*Danielle Wadsworth, Shelby Foote, Alexandria Venezia, Auburn University*
- 10:15 **Ahead of the game: Results of a sports-based mental health program for adolescent males**  
*Stewart Vella, University of Wollongong, Australia; Christian Swann, University of Wollongong, Australia; Katherine Boydell, University of New South Wales, Australia; Simon Eckermann, University of Wollongong, Australia; Andrea Fogarty, University of New South Wales, Australia; Sarah Liddle, University of Wollongong, Australia; Chris Lonsdale, Australian Catholic University, Australia; Andrew Miller, University of Newcastle, Australia; Anthony Okely, University of Wollongong, Australia; Frank Deane, University of Wollongong, Australia*
- 10:30 **The effects of gender relevant physical activity program on girls' fitness and perceptions of physical activity**  
*Phillip Post, Rebecca Palacios, New Mexico State University*
- 10:45 **Impact of surf therapy on self-determination and quality of life for young adults with ASD**  
*Daniel Parsons, Todd Teri, California State University*
- 11:00 **Maintenance of parental outcomes following a home-based physical activity intervention for families of youth with and without Prader Willi syndrome**  
*Kathleen S. Wilson, Daniela A. Rubin, California State University*

**Motor Learning and Control Verbal Presentations – Practice Conditions and Instruction (Crystal A)**

Moderator: Diane Ste-Marie, University of Ottawa

- 9:45 **The effects of practicing a motor skill in virtual reality**  
*Jared Porter, Koleton Cochran, Southern Illinois University*
- 10:00 **Those who expect to teach a motor skill cannot perform better under high pressure**  
*Marcos Daou, Auburn University; Jence Rhoads, Auburn University; Mariane Bacelar, Auburn University; Zach Hutchison, Auburn University; Keith Lohse, University of Utah; Matthew Miller, Auburn University*
- 10:15 **Improving acquisition of manual wheelchair skills: An EEG study using motor learning principles**  
*Jence Rhoads, Auburn University; Mariane Bacelar, Auburn University; Marcos Daou, Auburn University; Won Valerius, Auburn University; Briana Carter, Auburn University; Lucia Scaglione, Auburn University; Keith Lohse, University of Utah; Matthew Miller, Auburn University*
- 10:30 **Effect of feedback within a novel virtual reality obstacle crossing environment**  
*Chanel LoJacono, JD Manzo, Ashley Sanchez, Christopher Rhea, University of North Carolina at Greensboro*
- 10:45 **Learning with LEGO: Observational learning of a complex motor task with partially occluded field of vision**  
*Portia Kalun, Jennifer Zering, Lauren Smail, Ranil Sonnadara, McMaster University*

**11:00 Observational uses of athletes with disabilities**

*McKenzie Gamble, Kathleen Sanchez-Milliken, Ralael Alamilla, Olivia Wilson, Christopher Gentry, Amanda Rymal, California State University*

**Motor Development Verbal Presentations – Assessments and Interventions (Crestone B)**

*Moderator: Mike Wade, University of Minnesota*

**9:45 Leg movement rate pre- and post-kicking intervention in infants with Down syndrome**

*Rahil Khasgiwale, Beth Smith, University of Southern California; Julia Looper, University of Puget Sound*

**10:00 Motor developmental windows and trajectories of preterm and full-term infants in the first year of life**

*Nadia Cristina Valentini, Keila Ruttnig Guidony Pereira, Eloá Maria dos Santos Chiquetti, Universidade Federal do Rio Grande do Sul; Cibelle Kayenne Martins Roberto Formiga, Universidade Estadual de Goiás; Maria Beatriz Martins Linhares, Universidade Estadual de São Paulo*

**10:15 Effect of caregiver physical interaction on characteristics of spontaneous movements in infants**

*Priya Patel, Faezeh Hajiaghajani, Subir Biswas, Mei-Hua Lee, Michigan State University*

**10:30 Autism in infant siblings: A case study**

*Anastasia Kyvelidou, Creighton University*

**10:45 Enjoy the fun of driving! The preliminary results of motivation and the ride-on car training with two different postures in toddlers with disabilities**

*Hsiang-Han Huang, Yu-Hsin Hsieh, Wan-Ying Tsai, Ming-Ke Shih, Chang Gung University, Taiwan; Chia-Ling Chen, Chang Gung Memorial Hospital, Taiwan*

**11:00 SKIPing to fundamental motor skill competence with developmentally delayed preschoolers**

*Jacqueline Goodway, Ruri Famelia, Ohio State University*

**11:30am – 12:30pm Motor Development Keynote Lecture (Crystal Ballroom)**

*Moderator: Jeffrey Haddad, Purdue University*

**Infant's Actions Broaden Their Mind**

*Gustaf Gredebäck, University of Uppsala, Sweden*

**12:30pm – 1:00pm Pick up box lunch in Crestone A (3rd Floor - bring your ticket)**

**1:00pm – 2:45pm Business Meeting and Award Luncheon (Crystal Ballroom - bring your lunch)**

**2:45pm – 4:15pm Senior Lecturers (Crystal Ballroom)**

*Moderator: Jill Whitall, University of Maryland*

**The use of observation for motor learning and performance: Current trends and future directions**

*Diane Ste-Marie, University of Ottawa*

**Promoting actual and perceived motor competence in the early years: SKIPing toward physical literacy**

*Jacqueline D. Goodway, Ohio State University*

**Developing youth leadership through sport by leveraging the scholastic captain experience**

*Daniel Gould, Michigan State University*

4:15pm – 6:15pm **Poster Session #2 (3<sup>rd</sup> Floor Lobby)**

*Moderators:* Kylee Couvillion, University of Tennessee  
Thomas Curran, University of Bath, UK  
Rashelle Hoffman, University of Nebraska Medical Center  
Jerraco Johnson, Auburn University

See Pages 31-38 of this conference program for a list of the posters. Please set up posters by Noon. If you have an odd-numbered poster, please stand at your poster for the first hour. If you have an even-numbered poster, please stand at your poster for the second hour.

6:30pm **SportRxiv Hackathon: Developing Open Science Practices in Sport, Exercise, and Physical Activity Related Domains (Crestone A)**

6:30pm **3 Minute Thesis Competition (Crestone B)**

6:50pm **Student Meeting (Crestone B)**

7:30pm **Student Social**

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## Saturday, June 23<sup>rd</sup>, 2018

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7:00am – 8:00am **JMLD Editorial Board Breakfast Meeting - Human Kinetics** (Rexford - 3rd Floor)

8:00am – 9:30am **Concurrent Sessions**

***Sport and Exercise Psychology Symposium – “I Knew They'd Do That!” Contextual Information, Perception, And Action (Crystal C)***

*Organizer:* Robin C. Jackson, Loughborough University, UK  
*Discussant:* Robin C. Jackson, Loughborough University, UK  
*Moderator:* JD Defreese, University of North Carolina at Chapel Hill

**Actions become "super-deceptive" when preceded by (congruent) situational probability information**

*Robin C. Jackson, Loughborough University, UK; Hayley Barton, Brunel University London, UK*

**Soccer penalty kicking behaviors are influenced by goalkeepers' reputations**

*Rouwen Cañal-Bruland, Jonathan Felix Bes, Florian Müller, Friedrich Schiller University Jena, Germany*

**Option generation and skilled anticipation behavior in tennis**

*Colm Murphy, St Mary's University, London, UK; Robin C. Jackson, Loughborough University, UK; A. Mark Williams, University of Utah*

**Anticipation and the use of probabilistic information in the presence of ambiguous movement kinematics**

*Fabian Helm, Goethe-University Frankfurt, Germany; Rouwen Cañal-Bruland, Friedrich Schiller University Jena, Germany; David L. Mann, Vrije Universiteit Amsterdam, The Netherlands; Nikolaus F. Troje, Queen's University; Jörn Munzert, Justus-Liebig-University Giessen, Germany*

**More "novice-like" gaze behavior, and decreased performance, when contextual information increases uncertainty in batting**

*David L. Mann, Vrije Universiteit Amsterdam, The Netherlands; Vishnu Sarpeshkar, National Sports Institute of Malaysia, Malaysia; Bruce Abernethy, The University of Queensland, Australia*

***Sport and Exercise Psychology Verbal Presentations – Sport Motivation (Crystal B)***

*Moderator:* Cheryl Stuntz, St. Lawrence University

**8:00 Women athletes' early-season self-compassion, sport performance perceptions, and well-being**

*Margo E. K. Adam, University of Saskatchewan; Noreen Murphy, Saskatchewan Sport Inc.; Leah J. Ferguson, University of Saskatchewan*

**8:15 An examination of the influence of perceived coaching behaviors and self-determined motivation on student-athletes' grit and mental toughness**

*Lloyd Scharneck, Scott Pierce, Anthony Amorose, Illinois State University*

**8:30 Predicting performance in athlete pairs: Unique effects among self-, other-, and collective efficacy**

*Christine Marie Habeeb, University of Stirling; Robert C. Eklund, Florida State University; Pete Coffee, University of Stirling*

- 8:45 **Assessing need supporting, thwarting and indifferent coaching styles: Development and validation of a new multidimensional measure**  
*Nikita Bhavsar, Curtin University, Australia; Nikos Ntoumanis, Curtin University, Australia; Eleanor Quested, Curtin University, Australia; Richard Ryan, Australian Catholic University, Australia; Johnmarshall Reeve, Korea University, South Korea; Daniel Gucciardi, Curtin University, Australia; Cecilie Thøgersen-Ntoumani, Curtin University, Australia*
- 9:00 **Individual and climate perceptions in Finnish youth team sport athletes: A prospective and retrospective Study**  
*Thais Zanatta, Texas Tech University; Marc Lochbaum, Texas Tech University; Niilo Konttinen, Research Institute for Olympic Sports, Finland; Christoph Rottensteiner, Research Institute for Olympic Sports, Finland*
- 9:15 **Coaching behaviors and athlete motivation: A test of psychological safety**  
*Charity Simmons, Jordan Blazo, Mitzi Desselles, Hudson Taylor, Barton Crum, Louisiana Tech University*

**Motor Learning and Control Verbal Presentations – Anticipation (Crystal A)**

Moderator: Keith Lohse, University of Utah

- 8:00 **Training deceptive actions to enhance action perception: Attack is the best form of defense**  
*Ryan Raffan, Nelson Mandela University, South Africa; David Mann, Vrije Universiteit Amsterdam, The Netherlands; Rosa Du Randt, Nelson Mandela University, South Africa; Geert Savelsbergh, Vrije Universiteit Amsterdam, The Netherlands*
- 8:15 **Why do bad balls get wickets? The role of congruent and incongruent information in anticipation**  
*Oliver R. Runswick, University of Chichester, UK; André Roca, St Mary's University, UK; A. Mark Williams, University of Utah; Allistair P. McRobert, Liverpool John Moores University, UK; Jamie S. North, St Mary's University, London, UK*
- 8:30 **The neural correlates underlying the use of contextual and kinematic information processes during anticipation**  
*Marie Simonet, St Mary's University, UK; Oliver R. Runswick, University of Chichester, UK; Jamie S. North, St Mary's University, UK; Mark A. Williams, University of Utah; André Roca, St Mary's University, UK*
- 8:45 **The temporal integration of information during anticipation**  
*Oliver R. Runswick, University of Chichester, UK; André Roca, St Mary's University, UK; A. Mark Williams, University of Utah, USA; Allistair P. McRobert, Liverpool John Moores University, UK; Jamie S. North, St Mary's University, UK*
- 9:00 **The influence of time spent in beginning and end-state postures on grasp choice**  
*Rachel Modersitzki, Breanna Studenka, Utah State University*
- 9:15 **Action-related auditory cues add to visual anticipation in tennis**  
*Rouwen Cañal-Bruland, Friedrich Schiller University Jena, Germany; Florian Müller, Friedrich Schiller University Jena, Germany; Björn Lach, Friedrich Schiller University Jena, Germany; Charles Spence, University of Oxford, UK*

**Motor Development Symposium – Exploring The Interplay Between Motor Competence And Physical Fitness Over Time: A Developmental Perspective On Physical Health In Children (Crestone B)**

Organizers: Till Utesch, Univ. of Muenster, Germany; Farid Bardid, Univ. of Strathclyde, Scotland  
Discussant: Jacqueline D. Goodway, Ohio State University  
Moderator: Jeffrey Haddad, Purdue University



**A developmental perspective on physical health in children**

*Till Utesch, University of Muenster, Germany; Farid Bardid, University of Strathclyde, Scotland*

**The relationship between motor competence and physical fitness from early childhood to early adulthood: A meta-analysis**

*Till Utesch, University of Muenster, Germany; Farid Bardid, University of Strathclyde, Scotland; Dirk Büsch, University of Oldenburg, Germany; Bernd Strauss, University of Muenster, Germany*

**(In)consistency between longitudinal developmental pathways and normative data: The case of cardiorespiratory fitness**

*Luis Paolo Rodrigues, Instituto Politécnico de Viana do Castelo, Portugal; Vitor Lopes, Instituto Politécnico de Bragança, Portugal*

**Dynamics between motor competence, cardiorespiratory fitness and weight status in children: A cross-lagged longitudinal analysis**

*Farid Bardid, University of Strathclyde, Scotland; Till Utesch, University of Muenster, Germany; Matthieu Lenoir, Ghent University, Belgium*

**Classes of developmental trajectories of body mass index: Differences in motor competence and physical fitness**

*Vitor Lopes, Polytechnic Institute of Bragança, Portugal; Till Utesch, University of Muenster, Germany; Luis Paolo Rodrigues, Polytechnic Institute of Viana do Castelo, Portugal*

9:30am – 9:45am **Refreshment Break**

9:45am – 11:15am **Concurrent Sessions**

**Multidisciplinary Symposium – Methodological Advances In Motor Learning And Development (Crystal C)**

*Organizer: Keith Lohse, University of Utah*

*Moderator: Karl Newell, University of Georgia*

**Longitudinal data-analysis techniques in motor learning and development: A focus on time-varying covariates**

*Keith Lohse, University of Utah*

**Dissociating learning- and non-learning-related performance changes during motor skill training in older adults**

*Sydney Schaefer, Peiyuan Wang, Arizona State University; Nicolas Schweighofer, University of Southern California*

**The strengths and limitations of linear mixed-effects models to explore developmental relationships between the brain and cognitive-motor behavior**

*Genevieve Olivier, University of Utah; Serence Paul, University of Sydney, Australia; Keith Lohse, University of Utah; Christopher Walter, University of Arkansas for Medical Science; Sydney Schaefer, Arizona State University; Lee Dibble, University of Utah*

**The strengths and limitations of linear mixed effects models to explore developmental relationships between the brain and cognitive-motor behavior**

*Melissa Pangelinan, Auburn University*

**Sport and Exercise Psychology Verbal Presentations – Burnout, Fatigue, and Resilience (Crystal B)**

Moderator: Ian David Boardley, University of Birmingham, UK

- 9:45 **Exploring early sport specialization: Associations with athlete burnout**  
*Shelby Waldron, J.D. DeFreese, Brian Pietrosimone, Johna Register-Mihalik, Nikki Barczak, University of North Carolina at Chapel Hill*
- 10:00 **The overtraining trap: How physical fatigue impairs physical and mental recovery**  
*Yannick Balk, Eindhoven University of Technology, The Netherlands; Jan De Jonge, Eindhoven University of Technology, The Netherlands; Sabine Geurts, Radboud University Nijmegen, The Netherlands*
- 10:15 **Linear and nonlinear trajectories of athlete resilience during competitive training**  
*Nikki Barczak, University of North Carolina at Chapel Hill; J.D. DeFreese, University of North Carolina at Chapel Hill; Emily Kroshus, University of Washington; Johna Register-Mihalik, University of North Carolina at Chapel Hill; Shelby Waldron, University of North Carolina at Chapel Hill*
- 10:30 **Effects of mental fatigue and incentives on exercise decision-making**  
*Sheereen Harris, Steven R. Bray, McMaster University*
- 10:45 **Overcoming the effects of mental fatigue on physical activity with performance monitoring**  
*Denver Brown, Steven Bray, McMaster University*
- 11:00 **Prospective examination of social identity, mental toughness, and overuse injury, and development of the test of intentions to reduce effort**  
*Vista Beasley, University of Stirling, UK; Calum Arthur, University of Stirling, UK; Robert Eklund, Florida State University; Pete Coffee, University of Stirling, UK*

**Motor Learning and Control Verbal Presentations – Attentional Focus Effects (Crystal A)**

Moderator: Nick Murray, East Carolina University

- 9:45 **Attentional focus effects on the performance of a continuous whole-body task with object manipulation**  
*Kaylee Couvillion, Jeffrey Fairbrother, University of Tennessee*
- 10:00 **Comparison of attentional focus instructions on mechanics in a gross motor skill performance and landing quality**  
*Masahiro Yamada, Louisa Raisbeck, University of North Carolina at Greensboro*
- 10:15 **The presence of vision impacts attentional focus effects in a balancing task**  
*Kevin A Becker, Scott WT McNamara, Texas Woman's University*
- 10:30 **Optimizing vertical jump performance**  
*Lee-Kuen Chua, University of Nevada; Gabriele Wulf, University of Nevada; Rebecca Lewthwaite, Rancho Los Amigos National Rehabilitation Center*
- 10:45 **The role of distality on single leg stance**  
*Karen Roemer, Central Washington University; Elizabeth Jusko, Central Washington University; Christian Kupper, University of Muenster, Germany; Karen Zentgraf, Goethe University Frankfurt, Germany*
- 11:00 **The effects of attentional focus on jump kinematics for those with chronic ankle instability**  
*Sean Cochran, University of North Carolina at Greensboro; Masahiro Yamada, University of North Carolina at Greensboro; Jed Diekfuss, Cincinnati Children's Hospital; Louisa Raisbeck, University of North Carolina at Greensboro*

**Motor Development Symposium – Cross-cultural comparisons of perceived and motor competence and health-related fitness in children and adolescents with and without disabilities (Crestone B)**

**Organizers:** Carlos Luz, Instituto Politécnico de Lisboa, Portugal; David Stodden, University of South Carolina

**Moderator:** Anastasia Kyvelidou, Creighton University

**Symposium overview**

*Carlos Luz, Instituto Politécnico de Lisboa, Portugal; David Stodden, University of South Carolina*

**A cross-cultural comparison of motor competence and health related fitness variables between Portuguese and American children**

*Carlos Luz, Instituto Politécnico de Lisboa & CIED, Portugal; Rita Cordovil, Universidade de Lisboa, Portugal; Luís Paulo Rodrigues, Instituto Politécnico de Viana do Castelo, Portugal; Zan Gao, University of Minnesota; Jacqueline Goodway, Ohio State University; Ryan Sacko, Ohio State University; Danielle Nesbitt, University of South Carolina; Rick Ferkel, Central Michigan University; Larissa True, State University of New York at Cortland; David F. Stodden, University of South Carolina*

**Cross-cultural differences in children' motor competence are accumulating along the age and in the interaction of body weight status**

*Vitor Lopes, Polytechnic Institute of Braganca, Portugal; Arto Laukkanen, University of Jyväskylä, Finland; Farid Bardid, University of Strathclyde, Scotland; Matthieu Lenoir, University of Ghent, Belgium; Tommi Vasankari, Pauliina Husu, UKK-Institute, Finland; Arja Sääkilahti, University of Jyväskylä, Finland*

**Is STS time a context-independent measurement for motor competence? A cross country comparison study (Brazil-US)**

*Danielle Nesbitt, University of South Carolina; Maria T. Cattuzzo, University of Pernambuco, Brazil; David F. Stodden, University of South Carolina*

**A cross-cultural comparison of Australian and Belgian female adolescents' actual and perceived motor competence**

*Natalie Lander, Deakin University, Australia; An De Meester, Ghent University, Belgium; Lisa Barnett, Deakin University, Australia*

**Predictors of physical activity among Latvian and US children/adolescents with visual impairments**

*Ali Brian, University of South Carolina;; An De Meester, Ghent University, Belgium; Aija Klavina, Latvian Academy of Sports Education Riga, Latvia; Sally Taunton, Adam Pennell, J. Megan Irwin, University of South Carolina; Lauren J. Lieberman, State University of New York at Brockport*

11:30am-12:30pm **Motor Learning and Control Keynote Lecture (Crystal Ballroom)**

**Moderator:** Jeffrey Fairbrother, University of Tennessee

**Faster than a blink of an eye: The use of sensory feedback to control how we move and interact in the world**

*Stephen H. Scott, Queen's University*

12:30pm – 2:00pm **Conference Participants - Lunch on your own**

12:30pm – 2:00pm **Executive Committee Lunch Meeting (Rexford - 3rd Floor)**

**2:00pm – 3:00pm Sport and Exercise Psychology Keynote Lecture (Crystal Ballroom)**

**Moderator:** Anne Cox, Washington State University

**Competition and achievement-relevant outcomes: A hierarchical motivational analysis**

*Andrew J. Elliot, University of Rochester*

**3:00pm – 3:15pm Break**

**3:15pm – 3:45pm Concurrent Sessions**

***Sport and Exercise Psychology Verbal Presentations – Emotion (Crystal C)***

**Moderator:** E. Whitney G. Moore, Wayne State University

- 3:15 Athletes' self-compassion, emotion regulation, and pre-competition appraisals and emotions**  
*Amber Mosewich, University of Alberta; Kacey Neely, University of Alberta; Shannon Pynn, University of Alberta; Benjamin Schellenberg, University of Ottawa*
- 3:30 Hold your strength! - The influence of motivation, attention and emotion on self-control performance**  
*Eva Stocker, Chris Englert, Roland Seiler, University of Bern, Switzerland*
- 3:45 Acute aerobic exercise improves emotion regulation: Evidence from the late positive potential**  
*Peter Ehmann, Christopher Brush, Anthony Bocchine, Brandon Alderman, Rutgers University*
- 4:00 Exploring emotions as proximal predictors of physical activity and sedentary behavior in college students**  
*Kelly Simonton, Alex Garn, Louisiana State University*
- 4:15 The Impact of Partner Performance on Emotions in Doubles Racquet Sports**  
*Sarah Deck, The University of Western Ontario; Craig Hall, The University of Western Ontario; Philip M. Wilson, Brock University*
- 4:30 Emotion regulation interventions adapted to athletes' emotional performance objectives: A multiple baseline single-subject study of 4 tennis players**  
*Francis Lapointe, Université du Québec à Trois-Rivières; Daniela Wiethaeuper, Université du Québec à Trois-Rivières*

***Sport and Exercise Psychology Verbal Presentations – Special Populations (Crystal B)***

**Moderator:** Lindsay Kipp, Texas State University

- 3:15 Predictors of autonomous motivation for adolescents with visual impairments from the United States and Latvia: A cross-cultural examination**  
*Ali Brian, University of South Carolina; An De Meester, Ghent University, Belgium; Aija Klavina, Latvian Academy of Sports Education, Latvia; Sally Taunton, University of South Carolina; Adam Pennell, University of South Carolina; J. Megan Irwin, University of South Carolina; Lauren Lieberman, State University of New York at Brockport; Leen Haerens, Ghent University, Belgium*
- 3:30 Sport commitment and psychological well-being in Chilean women athletes: Gender issues from the lens of intersectionality**  
*Alicia Romero Carrasco, Diego Portales University, Chile; Karina Cespedes, Colorado State University; Robert Brustad, University of Northern Colorado*

- 3:45 **Motor abilities predict executive functions in pediatric cancer survivors: Results from the Brainfit study**  
*Valentin Benzing, University of Bern, Switzerland; Janine Spitzhüttl, University of Bern, Switzerland; Valerie Siegwart, University of Bern, Switzerland; Michael Grotzer, University Children's Hospital Zurich, Switzerland; Maja Steinlin, University of Bern, Switzerland; Kurt Leibundgut, University of Bern, Switzerland; Regula Everts, University of Bern, Switzerland; Mirko Schmidt, University of Bern, Switzerland*
- 4:00 **A qualitative study exploring LGBTQ+ experiences with physical activity through a series of focus groups**  
*Shannon Sarah Christine Herrick, Lindsay Duncan, McGill University*
- 4:15 **Understanding exercise challenges & solutions for older adults aging with a mobility impairment**  
*Lyndsie Koon, Maurita Harris, Wendy Rogers, University of Illinois Urbana-Champaign*
- 4:30 **General and transgender-specific barriers to moderate-vigorous physical activity among transgender adults**  
*Kelly C. Hall, University of Northern Colorado; Danielle R. Brittain, University of Northern Colorado; Miranda A. Cary, University of Saskatchewan; Nancy C. Gyurcsirk, University of Saskatchewan; Gillian Epp, University of Saskatchewan*

**Motor Learning and Control Verbal Presentations – Balance and Posture (Crystal A)**

Moderator: Deanna Kennedy, Texas A&M University

- 3:15 **An investigation into the relationship between locomotor dynamics and overall fall-risk**  
*Brian Cone, University of North Carolina at Greensboro; Thurmon Lockhart, Arizona State University; Louisa Raisbeck, University of North Carolina at Greensboro; Scott Ross, University of North Carolina at Greensboro; Christopher Rhea, University of North Carolina at Greensboro*
- 3:30 **Postural strategies when performing a manual task on an unstable support surface**  
*Hoda Salsabili, Satyajit Ambike, Marissa Munoz-Ruiz, Jeffrey M Haddad, Purdue University*
- 3:45 **Saccades attenuate body sway despite muscular fatigue negatively influencing proprioception**  
*Matthew A. Yeomans, Arnold G. Nelson, Michael MacLellan, Emily M. Cooper, Jan M. Hondzinski, Louisiana State University*
- 4:00 **Altering task goal or adding information resources? Functions of vision in standing posture**  
*I-Chieh Lee, University of Georgia; Matheus Pacheco, New York University; Karl Newell, University of Georgia*
- 4:15 **The utility of the pre-crastination phenomenon to explain behaviours during a collision avoidance task**  
*Michael Cinelli, Victoria Rapos, Natalie Snyder, Wilfrid Laurier University*
- 4:30 **Comparison of vestibular function in sitting and standing**  
*Jennifer Sansom, Central Michigan University; Allison Zilch, University of Michigan; Karen Lomond, Central Michigan University*

**Motor Development Verbal Presentations – Relation Between Cognitive and Motor Skills (Crestone B)**

Moderator: Laura Claxton, Purdue University

- 3:15 **Cognitive planning improved after cycling exercise in older adults with Down syndrome**  
*Shannon Ringenbach, Nathaniel Arnold, Corinna Lopez, Simon Holzapfel, Liliana Rodriguez, Arizona State University*

- 3:30 **IQ and comorbidities influence psychological attributes and anxiety in children with Developmental Coordination Disorder**  
*Priscila Caçola, Ricardo Pimenta, University of Texas at Arlington*
- 3:45 **Improving fitness, executive functions, and perceived competence through an adapted gymnastics program of children with developmental disabilities**  
*Claire Bridges, Melissa Pangelinan, Mary Rudisill, Auburn University*
- 4:00 **Different and nuanced patterns of improvement in cognitive and motor functions in preschool children following a mastery motor skill intervention**  
*Julia Sassi, Jerraco Johnson, Brooke Converse, Madison Edwards, Danielle Wadsworth, Mary Rudisill, Melissa Pangelinan, Auburn University*
- 4:15 **Associations between gross motor skills and cognitive development in Australian toddlers**  
*Sanne L. C. Veldman, Rute Santos, Rachel A Jones, Eduarda Sousa-Sa, Anthony D Okely, University of Wollongong, Australia*
- 4:30 **From Wall Street to expertise development: Predicting the rise and demise of talent investment by using machine learning to identify 'game-changers'**  
*Benjamin David Jones, Bangor University, UK; Lew Hardy, Bangor University, UK; Gavin Peter Lawrence, Bangor University, UK; Ludmila Kuncheva, Bangor University, UK; Thomas Du Preez, Bangor University, UK; Raphael Brandon, The England & Wales Cricket Board, UK*

**4:45pm – 6:15pm Poster Session #3 (3rd Floor Lobby)**

*Moderators:* Chris Aiken, New Mexico State University  
Arya Alami, California State University, Stanislaus  
Amanda Arnold, Purdue University  
Erica Bennett, University of British Columbia

See Pages 39-44 of this conference program for a list of the posters. Please set up posters by Noon. If you have an odd-numbered poster, please stand at your poster for the first hour. If you have an even-numbered poster, please stand at your poster for the second hour.

**7:00pm NASPSPA Banquet (Off-Site at the Performing Arts Center)**

**7:00pm – 7:45pm Cocktails**

**8:00pm Dinner (Dancing will follow dinner)**

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## Poster Session #1 – Thursday, June 21<sup>st</sup>, 2018

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### **Motor Development**

1. **Effect of object manipulation skills (OMS) intervention on perceived competence among elementary school girls**  
*Diala Ammar, Mount Royal University; Dwayne Sheehan, Mount Royal University; Sonia Sheehan, Foundations for the Future Charter Academy*
2. **Fundamental motor skill proficiency of young adolescents**  
*Cheryl Coker, Plymouth State University*
3. **Association between product-oriented motor competence and perceived competence in adolescence**  
*Danielle Nesbitt, University of South Carolina; An De Meester, Ghent University, Belgium; David Stodden, University of South Carolina*
4. **Relationship between actual and perceived motor competence, gender and BMI in adults**  
*Karla Chaves, Judith Jimenez, Universidad de Costa Rica, Costa Rica*
5. **Climbing onto the mountain of motor development: Can summer success help children's fundamental motor skill status?**  
*Jacqueline Goodway, Ohio State University; Ruri Famelia, Ohio State University; Emi Tsuda, West Virginia University; Ally Hodges, Ohio State University; Ruth Chen, Ohio State University*
6. **Gross motor proficiency of 4 to 15-year-old Canadian children in Calgary, Alberta**  
*Dwayne Sheehan, Diala Ammar, Mount Royal University*
7. **The design, development and study protocol of Project FLAME - A multi-component, school-based, movement intervention in Ireland.**  
*Diarmuid Lester, Wesley O' Brien, University College Cork, Ireland*
8. **The relationship between children's and adolescents' actual and self-perceived motor competence: A systematic review and meta-analysis**  
*An De Meester, Ghent University, Belgium; Lisa Barnett, Deakin University, Australia; Ali Brian, University of South Carolina; Megan Irwin, University of South Carolina; Femke Van Duyse, Ghent University, Belgium; David Stodden, University of South Carolina; Eva D'Hondt, Vrije Universiteit Brussel, Belgium; Judith Jimenez, University of Costa Rica, Costa Rica; Leah Robinson, University of Michigan; Matthieu Lenoir, Ghent University, Belgium; Leen Haerens, Ghent University, Belgium*
9. **Estimation of typical duration of infant activities across a full day**  
*Avi Borad, Ivan Trujillo-Priego, Marcelo Rosales, Beth Smith, University of Southern California*
10. **Self-touch: The origin of reaching emergence in infancy**  
*John P. Connell, Abigail DiMercurio, Matthew Clark, Daniela Corbetta, University of Tennessee*
11. **Unlocking the potential of infant motor and perceptual behavior: Data collections at home**  
*Anastasia Kyvelidou, Creighton University*

12. **Neural oscillatory activity in the motor cortices correlates with developmental age and motor performance**  
*Rashelle Hoffman, Max Kurz, Tony Wilson, University of Nebraska Medical Center*
13. **Getting Ireland's children moving: Examining fundamental movement skills in Irish school children as a key component for physical literacy**  
*Stephen Behan, Sarahjane Belton, Cameron Peers, Noel O'Connor, Johann Issartel, Dublin City University, Ireland*
14. **Comparison of unipedal balance performance in young male soccer players: Role of age and balance task condition**  
*Stephan Panzer, Saarland University, Germany; Peter Leinen, Saarland University, Germany; Thomas Muehlbauer, University of Duisburg-Essen, Germany*
15. **Differences in physical performance and physical activity among students participating in organized sports**  
*Kasper Salin, Mikko Huhtiniemi, Timo Jaakkola, University of Jyväskylä, Finland*

### **Motor Learning and Control**

16. **The effects of using attentional focus in a virtual reality environment**  
*Louisa D Raisbeck, University of North Carolina Greensboro; Masahiro Yamada, The University of North Carolina Greensboro; Nikita A Kuznetsov, Louisiana State University*
17. **The impact of autonomy of support on attentional focus during instruction in balance tasks**  
*Mackenzie Pierson, Masa Yamada, Louisa Raisbeck, University of North Carolina at Greensboro*
18. **The influence of attentional focus instructions on the learning of a balance task in individuals with visual impairments**  
*Reza Abdollahipour, Palacky University Olomouc, Czech Republic.; William Land, University of Texas at San Antonio; Ana Cereser, Federal University of Pelotas, Brazil; Suzete Chiviacowsky, Federal University of Pelotas, Brazil*
19. **The effect of attentional focus instruction on mechanics and performance**  
*Masahiro Yamada, Louisa Raisbeck, University of North Carolina at Greensboro*
20. **Effect of attentional focus in track sprint start**  
*Jie Song, Kuo-Liang Chuang, Yeou-Teh Liu, National Taiwan Normal University, Taiwan*
21. **Considering the effect of process and outcome oriented attentional focus cues**  
*Kevin A Becker, Nick A Levine, Emily D Herbst, Texas Woman's University*
22. **Gait, executive function, and falling in older adults**  
*Tyler K. Aisner, Louisiana State University; Matthew R. Calamia, Louisiana State University; Jeffrey N. Keller, Pennington Biomedical Research Center; Robert M. Brouillette, Pennington Biomedical Research Center; Arend W. A. Van Gemmert, Louisiana State University*
23. **Analysis of gait while overcoming an obstacle in exercise practicing and non-practicing elderly**  
*Raquel de Melo Martins, Thiago Viana Camata, Bruno José Frederico Pimenta, Inara Marques, Universidade Estadual de Londrina, Brazil*
24. **Fractal gait training in older adults with auditory and visual cues**  
*Ruth Stout, W.P. Carder, Christopher Rhea, University of North Carolina at Greensboro*



25. **Avoidance behaviours of young adults during a collision course with an approaching person**  
*Lana Pfaff, Michael Cinelli, Wilfrid Laurier University*
26. **Performing a visual-motor stone-stepping task on a hard and compliant surface: Effect on balance and target accuracy**  
*Nikki Aitchison-Huehn, Wilfrid Laurier University*
27. **Effect of fatigue on a smartphone-based measure of dynamic balance control**  
*Jordan Stafford, Jason Jakiela, Danielle Funk, Scott Ross, Louisa Raisbeck, Christopher Rhea, University of North Carolina at Greensboro*
28. **Discovering new methods for improving balance over varied conditions**  
*Diana Avans, Nicole Dunn, Michael Merryman, Jason Hoogsteen, Vanguard University of Southern California*
29. **Comparison of postural stability of college students with and without Autism Spectrum Disorder**  
*Teri Todd, California State University, Northridge; Mache Meissa, California State University, Chico; Kyle Geary, California State University, Northridge; Brian Rios, California State University, Northridge; Michael Salazar, California State University, Northridge; Danielle Jarvis, California State University, Northridge*
30. **A constraints-based approach to influencing kinematics of the golf swing: Implications for instruction**  
*Will Wu, Long Beach State University; Terry Rowles, Sports Performance University; Phil Cheetham, United States Olympic Committee; Sasho Mackenzie, St. Francis Xavier University; Mike Adams, Bioswing Dynamics*
31. **Contextual interference effect on acquisition and transfer in fundamental motor skills in young-adults**  
*Judith Jimenez, University of Costa Rica, Costa Rica; Maria Morera, National University of Costa Rica, Costa Rica*
32. **Gradually increased contextual interference enhances learning of tennis by novices**  
*Fengmin Zhang, Minzu University of China, Beijing, China*
33. **The effect of outcome estimation specificity on motor practice**  
*William Marshall Land, Sonny Garcia, Alberto Cordova, Wan Xiang Yao, University of Texas at San Antonio*
34. **Relatedness affects dopaminergic activity and motor learning**  
*Suzete Chiviakowsky, Universidade Federal de Pelotas, Brazil; Natália Harter, Universidade Federal de Pelotas, Brazil; Reza Abdollahipour, Palacky University Olomouc, Czech Republic*
35. **Learner-controlled pace of practice in isolation does not yield the self-control effect**  
*Phillip G. Post, Christopher A. Aiken, Michael C. Hout, Jessica Madrid, New Mexico State University*
36. **Varying self-controlled frequency of modeling schedules does not affect scores on cognitive representation assessments of a pirouette**  
*Laura St. Germain, Molly Brilling, Hilary Cotnam, Diane M. Ste-Marie, University of Ottawa*
37. **Learner controlled amount of practice with fixed inter-trial interval benefits learning**  
*Christopher A. Aiken, Phillip G. Post, Michael C. Hout, Jessica Madrid, New Mexico State University*
38. **Evaluation of feedback helpfulness enhances skill acquisition during yoked feedback condition**  
*Joao A. C. Barros, California State University Fullerton; Erika G. Mora, Louisiana State University; Elia Garcia, California State University Fullerton; Elia Chavez, California State University Fullerton; Robert Blackwood, California State University Fullerton*

39. **Do you see what I see? Neuroactivity breadth and depth differentiate good movement imagers from those self-reporting lower abilities**  
*Brian Seiler, Charleston Southern University; Roger Newman-Norlund, University of South Carolina; Ryan Sacko, University of South Carolina; Samantha R. Weber, University of South Carolina; Makayla Gibson, University of South Carolina; Eva V. Monsma, University of South Carolina*
40. **Local muscle fatigue increases motor time in fractionated reaction time**  
*Zongtao Li, Qufu Normal University, China; Qin Lai, Wayne State University, Usa; Jinhai Sun, Shandong University, China*
41. **Effects of muscle size and sex on fractionated reaction time**  
*Ronald Benedict, Union College; Qin Lai, Wayne State University*
42. **The effect of movement complexity and limb selection on the performance of an audiovisual choice reaction time task**  
*McKenna JM Brown, University of Manitoba; Jessica Sutton, University of Manitoba; Ilana D Naiman, University of Toronto; Cheryl M Glazebrook, University of Manitoba*
43. **Discrimination reaction time and decision making**  
*Kaitlyn Downing, Emma Chase, Yuhua Li, University of Memphis*
44. **The effect of exercise on a choice reaction task in an athletic population**  
*Jaime Mitchell, Michael Cinelli, Wilfrid Laurier University*

### ***Sport and Exercise Psychology***

45. **Exploring the role of trait characteristics underlying variable affective responses to exercise**  
*Leighton Jones, Sheffield Hallam University, UK; Jasmin Hutchinson, Springfield College; Elizabeth Mullin, Springfield College*
46. **Perceptions of exertion and affect during different physical and sedentary activities in children**  
*Chloe Bedard, McMaster University; Emily Bremer, McMaster University; Jeffrey D. Graham, McMaster University; Daniele, University of Ottawa Heart Institute; John Cairney, University of Toronto*
47. **Attentional focus manipulations on affective, exertional, and physiological responses to maximal exercise**  
*Kristina Muniz, Rutgers University; Christopher Brush, Rutgers University; Peter Ehmann, Rutgers University; Ryan Olson, University of North Texas; Anthony Bocchine Rutgers University; Brandon Alderman, Rutgers University*
48. **Nudging beyond the default: Prompting exercisers to increase pleasure and enjoyment increases experienced and remembered pleasure and enjoyment**  
*Zachary Zenko, Duke University; Rachel Kahn, Duke University; Jasmin Hutchinson, Springfield College; Leighton Jones, Sheffield Hallam University*
49. **Obesity and cardiovascular fitness are associated with executive function in young adults**  
*Tai-Fen Song, Feng-Tzu Chen, Chien-Heng Chu, Yu-Kai Chang, National Taiwan Sport University, Taiwan*
50. **Examining associations between affective states and physiological responses before, during, and after competitive cycling time trials**  
*Paul Anthony Davis, Umeå University, Sweden; Andreas Stenling, Umeå University, Sweden*

51. **Aging, men, and body image: How men aged 65+ perceive, experience, and manage their aging bodies**  
*Erica Bennett, Laura Hurd Clarke, Peter Crocker, The University of British Columbia*
52. **Shifting the mirror: Meta-perceptions, body image and objectification predict social physique anxiety-- and clothing matters.**  
*Eva V. Monsma, Rachel Burns, Mall Cassandra, University of South Carolina*
53. **Multidimensional associations of drive for muscularity in adult men**  
*Nick SantaBarbara, Sanaz Nosrat, James Whitworth, Mark Louie, Chris Webster, Joseph Ciccolo, Teachers College Columbia University*
54. **The muscular ideal: Measuring muscle dysmorphia in weightlifters and athletes**  
*Diana Avans, Rebecca Folkesson, Sierra Starke, Vanguard University of Southern California*
55. **Effects of self-control exertion on mental fatigue and perceived exertion during whole-body exercise**  
*Jason Langvee, Sheereen Harris, Denver Brown, Steven Bray, McMaster University*
56. **Self-control, social support, and burnout among collegiate athletes: A prospective analysis**  
*Jessie N. Stapleton, Missouri Baptist University; Molly V. Josephs, Southern Illinois University Edwardsville; Paul D. Saville, Azusa Pacific University*
57. **Perceived coaching behaviors and athlete burnout: The mediating effects of team communication and the coach-athlete relationship**  
*Hun-Hyuk Choi, Korean National University of Education, South Korea; Yong-Jin Yoon, Yonsei University, South Korea; Seongkwan Cho, Texas A&M International University; Jung-Taek Shin, Dong-eui University, South Korea*
58. **Why specialize? Impact of athletes' reasons for specializing on psychological outcomes**  
*Shelby Waldron, J.D. DeFreese, Brian Pietrosimone, Johna Register-Mihalik, Nikki Barczak, University of North Carolina at Chapel Hill*
59. **Moral disengagement during injury evaluations among National Collegiate Athletic Association (NCAA) athletic trainers**  
*Ross Budziszewski, Utah State University; Matthew Vierimaa, Utah State University; Scott Graupensperger, The Pennsylvania State University; Marcus Myers, Utah State University*
60. **Influences of nonverbal behavior on outcome expectations and performance outcomes in a real-world soccer penalty scenario**  
*Kirstin Seiler, University of Bern, Switzerland; Geoffrey Schweizer, University of Heidelberg, Germany; Roland Seiler, University of Bern, Switzerland*
61. **The effect of non-verbal behavior and game context on expectations of success and psychological attributes**  
*Mishka Blacker, Parmida Razavi, Philip Sullivan, Brock University*
62. **Group-based physical activity for older adults: Functional fitness and physical health outcomes in a randomized controlled trial**  
*Geralyn R. Ruissen, University of British Columbia; Samantha M. Harden, Virginia Tech; Svenja A. Wolf, University of Amsterdam, The Netherlands; A. William Sheel, University of British Columbia; Ryan E. Rhodes, University of Victoria; Paul A. Estabrooks, University of Nebraska; William L. Dunlop, University of California, Riverside; Yan Liu, University of British Columbia; Mark R. Beauchamp, University of British Columbia*

63. **Coaching climate, needs satisfaction, and personal and social responsibility among young soccer participants**  
*Lindsay Kipp, Texas State University; Nicole Bolter, San Francisco State University*
64. **Moving Well-Being Well: Evidence and background to the development of the MWBW physical literacy intervention for primary school children**  
*Cameron Peers, Sarahjane Belton, Stephen Behan, Noel O'Connor, Johann Issartel, Dublin City University, Ireland*
65. **'Gaelic4Girls' for increased physical activity participation - a multi-component, pilot intervention: Study design and protocol.**  
*Orlagh Farmer, Wesley O'Brien, University College Cork, Ireland*
66. **Influence of a running training program on exercise self-regulation beliefs**  
*Teri Hepler, Naoko Aminaka, University of Wisconsin-La Crosse*
67. **Experiences of peers and peer-mentors during a peer-mentor physical activity program for college students with Autism Spectrum Disorder**  
*Teri Todd, Nancy Miodrag, Monica Caris, Bordin Endinjok, Erick Perez, California State University, Northridge*
68. **Differences in character strengths use and associations with optimal functioning across contexts**  
*Cheryl Stuntz, St. Lawrence University*
69. **Investigating birthplace effects in US collegiate and professional men's basketball**  
*Matthew Vierimaa, Utah State University; David John Hancock, Indiana University Kokomo; Ross Budziszewski, Utah State University*
70. **Gender differences in Division II collegiate athletes' dietary supplement use, sources of information, and motivations to use dietary supplements**  
*Ariel Fralick, Robyn Braun, University of Texas of the Permian Basin*
71. **The component factors of decision making ability in open skill players**  
*Haruo Sakuma, Ritsumeikan University, Japan; Keiko Honji, Amateur Sports Association, Japan*
72. **Exploring the relationship between aerobic fitness and activation of the locus-coeruleus**  
*Madison C. Chandler, Amanda L. McGowan, Jan W. Brascamp, Matthew B. Pontifex, Michigan State University*
73. **A longitudinal investigation of athletic buoyancy and emotions in university club-sport athletes**  
*Jackie V. Calhoun, Alex C. Garn, Louisiana State University*
74. **Performance and learning of a visual-motor tracking task as a function of motivational orientation and motivational climate**  
*Cameron Olsen, Breanna Studenka, Travis Dorsch, Ross Budziszewski, Matthew Vierimaa, Richard Gordin, Utah State University*
75. **The effects of perceptual and cognitive interference during the preparation and execution of the golf swing**  
*Leo Roberts, Mervyn Jackson, Ian Grundy, RMIT, Australia*
76. **The relationship between intrinsic and extrinsic religion and competitive anxiety**  
*Amanda Clark, Leilani Madrigal, Alison Ede, Tiffanye Vargas, California State University Long Beach*

77. **Fun, failure, and fulfillment: A case study approach to informal athlete leadership in minor league baseball**  
*Philip D. Imholte, Springfield College; Jedediah E. Blanton, University of Tennessee; Michelle M. McAlarnen, Minnesota State University, Mankato*
78. **Selective predictors of competitive state anxiety dimensions during high stakes in elite competition**  
*John Elvis Hagan Jr., Dietmar Pollmann, Schack Thomas, Bielefeld University, Germany*
79. **The roles of contextual priors and kinematic information during anticipation: Toward a Bayesian integration model**  
*N. Viktor Gredin, Brunel University London, UK; Daniel T. Bishop, Brunel University London, UK; David P. Broadbent, Brunel University London, UK; A. Mark Williams, University of Utah*
80. **Training histories and developmental trajectories of Australian para table tennis athletes**  
*Nima Dehghansai, York University; Ross Pinder, Australian Paralympic Committee, Australia; Joseph Baker, York University*
81. **Does recess quality matter? Differences in physical activity, student engagement, and student perceptions**  
*William Massey, Oregon State University; Megan Stellino, University of Northern Colorado; Jeremy Gorgas, University of Wisconsin-Milwaukee*
82. **Consistency of maintaining physical activity guidelines as a predictor of health-related quality of life**  
*Navin Kaushal, Béatrice Bérubé, Louis Bherer, University of Montreal*
83. **Comparing accelerometry and self-report when measuring changes to sedentary behavior in the workplace**  
*Dwayne Sheehan, Mount Royal University; Emily Johnson, University of British Columbia; Diala Ammar, Mount Royal University*
84. **The psychological and physiological effects of completing a half-marathon on homeless individuals**  
*Christopher Patterson, Azusa Pacific University; Andrew Kim, Azusa Pacific University; Noha Daher, Loma Linda University*
85. **Trait mindfulness as a moderator of green exercise and attention restoration**  
*Ford Dyke, Jence Rhoads, Tristan Hall, Matthew Miller, Auburn University*
86. **Having chronic pain and trying to be active: Is resiliency related to differences in adherence-related psychosocial factors and physical activity?**  
*Miranda Cary, University of Saskatchewan; Danielle Brittain, Colorado School of Public Health at the University of Northern Colorado; Nancy Gyurcsik, University of Saskatchewan*
87. **An investigation of Canadian University sport coaches' awareness and use of motivational interviewing**  
*Colin M Wierts, University of British Columbia; Philip M Wilson, Brock University; Diane E Mack, Brock University*
88. **Exploring the relationship between athletes' self-compassion and perceptions of their teammates' self-compassion**  
*Alyson J. Crozier, University of South Australia, Australia; Amber D. Mosewich, University of Alberta; Leah J. Ferguson, University of Saskatchewan*
89. **Proposed sources of coaching efficacy: A meta-analysis**  
*Sung Eun Park, University of Miami; Nicholas Myers, Michigan State University; Soyeon Ahn, University of Miami; Seungmin Lee, Michigan State University; Philip Sullivan, Brock University; Deborah Feltz, Michigan State University*

90. **Examining the factor structure of a survey of adult-oriented coaching practices**  
*Bettina Callary, Cape Breton University; Scott Rathwell, University of Lethbridge; Bradley W Young, University of Ottawa*
91. **Mental health literacy in university coaches and athletic therapists**  
*Jessica Murphy, Philip Sullivan, Brock University*
92. **Mental and physical health factors influence exercise-induced cortisol responses in college students**  
*Robyn Feiss, Cody Haun, Danielle Wadsworth, Melissa Pangelinan, Auburn University*
93. **Investigating collegiate student-athlete well-being: A qualitative study**  
*Brian Souza, Framingham State University; David Schary, Winthrop University*
94. **Examining the overall wellness of college student-athletes**  
*Shane Warehime, Danae Dinkel, University of Nebraska at Omaha*
95. **The association among dispositional mindfulness, mental skill, flow and performance**  
*Jui-Ti Nien, Chih-Han Wu, Sheng-Hsien Feng, Wen-Hao Chiu, Yu-Kai Chang, National Taiwan Sport University, Taiwan*

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## Poster Session #2 – Friday, June 22<sup>nd</sup>, 2018

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### **Motor Development**

1. **Dimension identification and item reduction in the ALESA: A pilot study in female youth athletes**  
*Sz-Yan Wu, Christie Powell, Jody Jensen, University of Texas at Austin*
2. **Analysis of children's preference on two assessments of perceived motor competence**  
*Kara K. Palmer, Carissa Wengrovius, Indica Sur, Leah E. Robinson, University of Michigan*
3. **Inter- and intra-rater reliability during live- and video-coding of the TGMD-3**  
*E. Andrew Pitchford, Iowa State University; Kara K. Palmer, University of Michigan; Yuemei Lu, University of Michigan; Kerry Winkelseth, University of Michigan; Dale A. Ulrich, University of Michigan*
4. **Comparison of preschoolers' PA between hip and ankle accelerometry: A pilot study**  
*Katherine M. Chinn, Kara K. Palmer, Leah E. Robinson, University of Michigan*
5. **Physical activity during different physical education instruction environments**  
*Sanne LC Veldman, Katherine Q Andrews, Leah E Robinson, University of Michigan*
6. **Concurrent validity of total body developmental sequences: A preliminary investigation**  
*Jenna R. Fisher, University of South Carolina; Ali Brian, University of South Carolina; Sally Taunton, University of South Carolina; Ryan S. Sacko, University of South Carolina; Jacqueline D. Goodway, Ohio State University; Rick Ferkel, Central Michigan University; Larissa True, State University of New York Cortland; David F. Stodden, University of South Carolina*
7. **Psychometrics of the attitudes toward self-directed mobility scale**  
*Samuel W. Logan, Oregon State University; Kathleen R. Bogart, Oregon State University; Samantha M. Ross, Oregon State University; Heather A. Feldner, University of Washington; Christina M. Hospodar, Oregon State University; Michele Catena, Oregon State University; Samantha Ligman, Oregon State University*
8. **Surveying caregivers about device use and infant position using a smartphone-based application: Response rates from a pilot study**  
*Marcelo Rosales, University of Southern California; Tanya Tripathi, Virginia Commonwealth University; Stacey Dusing, Virginia Commonwealth University; Beth Smith, University of Southern California*
9. **A comparison of sleep behavior, physical activity, feeding, and weight in 6-month old infants**  
*Gabriela Zott, Isabella Felzer-Kim, Chelsea Adkins, Janet Hauck, Michigan State University*
10. **Effects of socioeconomic status on infants' motor development and physical activity**  
*Do Kyeong Lee, California State University Fullerton*
11. **Physical activity participation during preschool health-related summer camps**  
*Zadie I. Franklin, Angela Barnes, E. Kipling Webster, Louisiana State University*

12. **Reduction of deltoid co-contraction during the development of arm swing control in children: Preliminary results**  
*Michael MacLellan, Lauren Carriere, Louisiana State University*
13. **The ability of the Movement Assessment for Children to predict fine and gross motor development in children at a five and a half year follow up**  
*Lauren Christianson, Brady Houbrick, Elizabeth Peterson, Joe Weber, Julia Looper, Lynette Chandler, University of Puget Sound*
14. **Pupil dilation, motor imagery, and cognitive load**  
*Alberto Cordova, Elena Camargo, William Land, Wan Xiang Yao, University of Texas - San Antonio*
15. **Validity and reliability of gross motor skill assessments in typically developing children and adolescents**  
*Ryan M. Hultheen, Australian Catholic University, Australia; Larissa True, State University of New York, Cortland; Natalie Lander, Deakin University, Australia; Lisa Barnett, Deakin University, Australia; Borja del Pozo Cruz, Australian Catholic University, Australia; Chris Lonsdale, Australian Catholic University, Australia*

### **Motor Learning and Control**

16. **Examining the impact of physical activity on motor proficiency and cognition in children with autism**  
*Choi Yeung Tse, Hong Paul Lee, K. H. Wong, The Education University of Hong Kong, China*
17. **Reactive driving performance following stroke**  
*Victoria Zablocki, Colorado State University; Prakruti Patel, Colorado State University; Evangelos Christou, University of Florida; Neha Lodha, Colorado State University*
18. **Are cognitive-motor integration deficits in children with concussion history linked to motor learning deficits?**  
*Marc Dalecki, Louisiana State University; Jessica Usand, Louisiana State University; Lauren Sergio, York University; Arend Van Gemmert, Louisiana State University*
19. **Mental workload assessment during simulated upper extremity prosthetic performance under various conditions of cognitive and motor challenge**  
*Christopher Gaskins, University of Maryland; Kimberly L. Kontson, U.S. Food and Drug Administration; Emma P. Shaw, University of Maryland; Isabelle M. Shuggi, University of Maryland; Maria J. Ayoub, University of Maryland; Jeremy C. Rietschel, Veteran's Health Administration; Matthew W. Miller, Auburn University; Rodolphe J. Gentili, University of Maryland*
20. **The state of behavior change techniques in virtual reality rehabilitation of neurologic populations: A systematic review**  
*Danielle Felsberg, Jaclyn Maher, Christopher Rhea, University of North Carolina at Greensboro*
21. **Medication and trial duration affect posture and pointing during a standing repetitive pointing task in Parkinson's Disease**  
*Deborah Jehu, Oregon Health & Science University; Hiram Cantu, McGill University; Allen Hill, University of Ottawa; Caroline Paquette, McGill University; Julie Cote, McGill University; Julie Nantel, University of Ottawa*
22. **Getting into the swing of things during childhood: A hand-eye coordination paradigm**  
*Johann Issartel, Dublin City University, Ireland; David Gaul, Institute of Technology Blanchardstown, Ireland*



23. **Pre-crastination and procrastination effects appear in a reach-to-grasp task**  
*Jarrold Blinch, Zack Foster, Texas Tech University*
24. **Upper limb muscle synergy for damping behavior during object transport in healthy young individuals**  
*Ahyoung Song, Louisiana State University; Sara Winges, University of Northern Colorado; Michael MacLellan, Louisiana State University*
25. **Application of cross-recurrence quantification analysis to characterize finger entrainment during rhythmic tapping**  
*Sara A. Winges, University of Northern Colorado; Prasanna A. Acharya, Louisiana State University; Nikita A. Kuznetsov, Louisiana State University*
26. **The effect of open and closed kinetic chain exercise on dynamic knee valgus during activity in women**  
*Kelsi Wood, University of Cincinnati; William Berg, Miami University; Nick Salcedo, Mercy Hospital; Mark Walsh, Miami University; Kelsey Biller, Ohio University*
27. **Lower extremity coordination patterns between traditional and cluster training during back squat**  
*Kelci B. Hannan, Texas Christian University; John D. Mata, Texas Christian University; Jonathan M. Oliver, Texas Christian University; James M. Bothwell, Texas Health Ben Hogan Sports Medicine; Adam C. King, Texas Christian University*
28. **Investigating the whole body coordination patterns of 3 ball juggling**  
*Pei-Yu Hsieh, Yi-Xuan Lin, Kuo-Liang Chuang, Yeou-Teh Liu, National Taiwan Normal University, Taiwan*
29. **The role of actor vs observer in reciprocal upper extremity sine wave tracking**  
*Jason Boyle, University of Texas at El Paso; Deanna Kennedy, Texas A&M University; Fabricio Saucedo, University of Texas at El Paso; Patrick Cereceres, University of Texas at El Paso*
30. **Random, timed and self-paced: How preparation time affects the loading of the body prior to flight in a two-footed forward leap**  
*Dorothy Stewart, Fabricio Saucedo, Patrick Cereceres, Jason Boyle, University of Texas at El Paso*
31. **Characteristics of movement variability in time minimization tasks and time matching tasks**  
*Jui-Chun Fang, Tsung-Yu Hsieh, Ya-Chun Chen, Yeou-Teh Liu, National Taiwan Normal University, Taiwan*
32. **Submovement as a function of space-time constraints in discrete aiming tasks**  
*Ya-Chun Chen, Tsung-Yu Hsieh, Jui-Chun Fang, Yeou-Teh Liu, National Taiwan Normal University, Taiwan*
33. **Using joint entropy to discriminate between time matching and time minimization movement accuracy tasks**  
*Tsung-Yu Hsieh, National Taiwan Normal University, Taiwan; Yeou-Teh Liu, National Taiwan Normal University, Taiwan; Karl Newell, University of Georgia*
34. **Posture control on movement variability in discrete line drawing task**  
*Hock Leong Chew, Yeou-Teh Liu, Tsung-Yu Hsieh, National Taiwan Normal University, Taiwan*
35. **Upper selection in a preferential reaching task: The influence of lateralization and balance control**  
*Jessie Tucker, Michael Cinelli, Pamela Bryden, Wilfrid Laurier University*

36. **Cortical correlates underlying changes in mental workload and motor performance during multiple training sessions under various levels of challenge**  
*Kyle Jaquess, University of Maryland; Li-Chuan Lo, University of Maryland; Hyuk Oh, University of Maryland; Calvin Lu, University of Maryland; Andrew Ginsberg, University of Maryland; Ying Ying Tan, Defense Science and Technology Agency, Singapore.; Keith Lohse, University of Utah; Matthew Miller, Auburn University; Bradley Hatfield, University of Maryland; Rodolphe Gentili, University of Maryland*
37. **Evaluation of cerebral cortical networking as a measure of cognitive workload during dual-task walking under various levels of challenge**  
*Emma P. Shaw, University of Maryland; Jeremy C. Rietschel, Veteran's Health Administration; Isabelle M. Shuggi, University of Maryland; Yishi Xing, University of Maryland; Brad D. Hendershot, Walter Reed National Military Medical Center; Alison L. Pruziner, Walter Reed National Military Medical Center; Shuo Chen, University of Maryland School of Medicine; Matthew W. Miller, Auburn University; Bradley D. Hatfield, University of Maryland; Rodolphe J. Gentili, University of Maryland*
38. **Changes in motor performance, mental workload, and self-efficacy throughout longitudinal training of arm reaching movements**  
*Isabelle M. Shuggi, University of Maryland; Emma P. Shaw, University of Maryland; Helena Wu, University of Maryland; Arianna Moreno, University of Maryland; Hyuk Oh, University of Maryland; Patricia A. Shewokis, Drexel University; Rodolphe J. Gentili, University of Maryland*
39. **Look out! How do footballers' search for opponents during evasive tasks?**  
*Stephen Tidman, Jacqueline Alderson, Paul Bourke, Brendan Lay, University of Western Australia, Australia*
40. **A virtual environment can be as good as a real one to improve real-world skill when hitting a ball**  
*David Mann, Maaike Dunnink, Robin Bense, Jeltje Loomans, Vrije Universiteit Amsterdam, Netherlands*
41. **Testing the functionality of peripheral vision in a mixed-methods football field study**  
*Christian Vater, Lukas Magnaguagno, Ernst-Joachim Hossner, University of Bern, Germany*
42. **Quiet eye and motor performance – Testing the “optimal duration” hypothesis**  
*André Klostermann, Ernst-Joachim Hossner, University of Bern, German*
43. **Quiet eye duration is dependent on the margin for error: A field test of skilled rugby goal kickers**  
*Robin C. Jackson Will Bishop, Luke Jennings, Loughborough University, UK*
44. **A Comparison of two techniques for obtaining 2-D error scores**  
*Ben Meyer, Shippensburg University*

### ***Sport and Exercise Psychology***

45. **The effects of acute exercise on driving performance and executive functions in healthy older adults**  
*Jean-Charles Lebeau, Ball State University; Justin Mason, Florida State University; Nelson Roque, Florida State University; Selen Razon, West Chester University; Gershon Tenenbaum, Florida State University*
46. **Effects of a 6-week classroom-based physical activity intervention on executive functioning and math performance in children**  
*Jeffrey Graham, McMaster University; Emily Bremer, McMaster University; John Cairney, University of Toronto*
47. **When efficacy and enjoyment collide: Incorporating low-intensity exercise breaks into learning**  
*Michelle Ogrodnik, Barbara Fenesi, Brynley Hanson-Wright, Joe Kim, Jennifer Heisz, McMaster University*

48. **Child affective and working memory responses to social exclusion differ by aerobic fitness level**  
*Anthony G. Delli Paoli, Manhattanville College; Alan L. Smith, Michigan State University; Matthew B. Pontifex, Michigan State University; Jason S. Moser, Michigan State University*
  
49. **The relation of physical activity, aerobic fitness and cognitive function in HIV+ adolescents and young adults on ART**  
*Leapetswe Malete, Michigan State University; Dawn Tladi, University of Botswana, Botswana; Jennifer Etnier, University of North Carolina, Greensboro; Jerry Makhanda, Botswana Baylor Children's Clinical Centre of Excellence, Botswana; Gabriel Anabwani, Botswana Baylor Children's Clinical Centre of Excellence, Botswana; Charlene Compher, University of Pennsylvania*
  
50. **Cycling as a means of improving inhibitory control and maintaining brain function and academic performance in 9- to 10-year-old children**  
*Caroline C. Meadows, University of North Carolina at Greensboro; Charles H. Hillman, Northeastern University; Eric S. Drollette, University of North Carolina at Greensboro*
  
51. **Exercise types and white matter microstructure in older adults: A diffusion tensor imaging study**  
*Feng-Tzu Chen, Tai-Fen Song, Kao-Teng Yang, Chun-Chih Wang, Yu-Kai Chang, National Taiwan Sport University, Taiwan*
  
52. **Exploring direct and indirect effects of motivational climate among university students in a group fitness setting**  
*Karynn Glover, E. Whitney G. Moore, Wayne State University*
  
53. **Using ecological theory to predict sedentary behavior in inner-city middle school aged children**  
*Erin E. Snapp, Jeffrey J. Martin, E. Whitney G. Moore, Nate McCaughtry, Wayne State University*
  
54. **Comparing exercise class ownership and autonomy support among university group exercise class participants**  
*E. Whitney G. Moore, Karynn Glover, Valerie Smith, Wayne State University*
  
55. **Gender differences in college students' perceptions of motivational class climates, ownership, enjoyment, and empowerment in exercise**  
*Valerie Smith, E. Whitney G. Moore, Wayne State University*
  
56. **The influences of physical self-perception and social relationship to intrinsic motivation for physical education**  
*Meei-Hwa Chern, National Changhua University of Education, Taiwan*
  
57. **Testing the processes by which yoga may support physical activity motivation**  
*Anne Cox, Sarah Ullrich-French, Bruce Austin, Washington State University*
  
58. **Using the Response to Challenge Scale (RCS) to measure self-regulation in toddlers during physically active play**  
*Kimberley Lakes, Candice Taylor Lucas, Shlomit Radom-Aizik, Fadia Haddad, Annamarie Stehli, Kayla Guzman, Dan Cooper, University of California, Irvine*
  
59. **Efficacy of the fun for wellness online intervention to promote well-being actions**  
*Nicholas D. Myers, Michigan State University; Samantha Dietz, University of Miami; Isaac Prilleltensky, University of Miami; Ora Prilleltensky, University of Miami; Adam McMahon; Carolyn L. Rubenstein, University of Miami; Seungmin Lee, Michigan State University*

60. **Gamification in healthcare and physical activity promotion contexts**  
*Winston Kennedy, Oregon State University; Anthony Pellicone, New York University; Samuel Logan, Oregon State University*
  
61. **Stand up and drive! Using modified ride-on cars with different postures for enhancing mobility and socialization in children with disabilities**  
*Yu-Hsin Hsieh, Chang Gung University, Taiwan.*
  
62. **I ride with MS: Motivation, benefits, and quality of life outcomes in bike MS participants with Multiple Sclerosis**  
*Kimberly Fasczewski, Blair Anderes, Katie Campbell, Hannah Cook, Appalachian State University*
  
63. **Examining the impact of behavioral counselling on psychosocial mediators for physical activity among children with epilepsy**  
*Denver Brown, McMaster University; Nadilein Mahlberg, McMaster University; Daniela Pohl, Children's Hospital of Eastern Ontario; Brian Timmons, McMaster University; Steven Bray, McMaster University; David Streiner, McMaster University; Mark Ferro, University of Waterloo; Sabrina Hamer, Children's Hospital of Eastern Ontario Research Institute; Peter Rosenbaum, McMaster University; Gabriel Ronen, McMaster University*
  
64. **Increasing physical activity levels among nurses through a web-based intervention: What type of motivation plays a role?**  
*Jennifer Brunet, Heather Tulloch, Emily Wolfe-Phillips, Robert Reid, Andrew Pipe, Jennifer Reed, University of Ottawa*
  
65. **Affect school, virya yoga, and compassion-focused therapy: A pilot study of an integrative group treatment, depression and anxiety**  
*Markus Nyström, Umeå University, Sweden*
  
66. **Psychosocial factors on the upper extremity reintegration into life after hemiparetic stroke – A pilot study**  
*Shuya Chen, China Medical University, Taiwan; Chi-Wen Shao, Taiwan; Ching-Min Lin, Asia University, Taiwan; Yu-Ting Kuo, Asia University, Taiwan; Chia-Ming Chie, China Medical University, Taiwan; Wen-Dien Chang, China Medical University, Taiwan*
  
67. **Diversity in diversity research: A scoping review**  
*Michael Godfrey, Wilfrid Laurier University; Jeemin Kim, Wilfrid Laurier University; Manon Eleure, École Normale Supérieure de Rennes, France; Mark Eys, Wilfrid Laurier University*
  
68. **Differences in pain coping cognitions among adults with chronic non-cancer pain who are inactive, insufficiently active, and sufficiently active**  
*Miranda Cary, Nancy Gyurcsik, University of Saskatchewan*
  
69. **"A place where I belong:" The experiences of people with disabilities in a community-based dance class at Canada's Royal Winnipeg Ballet School**  
*Jacqueline C Ladwig, University of Manitoba; Cheryl M Glazebrook, University of Manitoba; Fiona Moola, University of Toronto*
  
70. **The effects of colors on gaze behavior in soccer penalties**  
*Stijn Mentzel, University of Muenster, Germany; Till Utesch, University of Muenster, Germany; Linda Schücker, University of Muenster, Germany; Kilian Gottschalk, University of Muenster, Germany; Norbert Hagemann, University of Kassel, Germany; Bernd Strauss, University of Muenster, Germany*

71. **A prospective study of skill development in elite soccer based on practice and play hours and coach ratings of skills**  
David Thomas Hendry, University of British Columbia; A. Mark Williams, University of Utah; Nicola, J. Hodges, University of British Columbia
72. **Autonomy enhances movement efficiency**  
Takehiro Iwatsuki, James Navalta, Gabriele Wulf, University of Nevada
73. **Talent identification errors in elite male basketball: A longitudinal examination of the influence of relative age and physical growth potential**  
Robert Brustad, University of Northern Colorado
74. **The relationship between heart rate variability and golf putting performance**  
Seunghyun Hwang, Korea Institute of Sport Science, South Korea; Duksun Chang, Korea National Sport University, South Korea; Yong-Gwan Song, Korea University, South Korea; Sangmi Lee, Sogang University, South Korea; Sanghoon Park, Yonsei University, South Korea; Boram Kim, Korea Institute of Sport Science, South Korea
75. **When a team suddenly falls apart: Comparing athletes', coaches', and sport psychologists' perceptions of causes of collective team collapse**  
Vivian Vanessa Wergin, Jürgen Beckmann, Technische Universität München, Germany
76. **What and why young female dancers image**  
Irene L. Muir, Krista J. Munroe-Chandler, University of Windsor
77. **The effect of brain synchronization training on golf putting performance**  
Debra Crews, Paul Karoly, Arizona State University
78. **Does physical activity moderate the associations between body mass index and self-perceptions in adolescent and young adult cancer survivors?**  
Amanda Wurz, Jennifer Brunet, University of Ottawa
79. **"This doesn't look too hard": Sources of self-efficacy information on a novel puzzle task**  
Amber Shipherd, Texas A&M University - Kingsville
80. **The relationship between state self-esteem and self-compassion over time**  
Urška Dobersek, University of Southern Indiana; Abbey Huffine, University of Southern Indiana; Mindy Mayol, University of Indianapolis; Lee Everett, University of Indianapolis
81. **Exercise and physical self-esteem: A meta-analysis of recent research**  
Tao Xu, Bohai University, China; Huiyong Fan, Bohai University, China; Qiangguo Lv, Bohai University, China; Qin Lai, Wayne State University
82. **Women athletes' reported pre-season and early-season injury impact on training volume and perceived performance expectations**  
Margo E. K. Adam, University of Saskatchewan; Amber D. Mosewich, University of Alberta; Rachel L. Duckham, Deakin University, Australia; Kent C. Kowalski, University of Saskatchewan; Leah J. Ferguson, University of Saskatchewan
83. **Investigating the possible positive effects of avoidance goals on goal attainment through effort**  
Keita Kinoshita, University of Ottawa; Eric MacIntosh, University of Ottawa; Shintaro Sato, Montclair State University; Terry Orlick, University of Ottawa

84. **Group cohesion and relatedness as predictors of self-determined motivation and burnout in adolescent female athletes**  
*Christine E. Pacewicz, Michigan State University; Nicole Vaughan, East Carolina University; Alan L. Smith, Michigan State University; Thomas D. Raedeke, East Carolina University*
  
85. **Knowledge of motivational interviewing among certified coaches in Canadian university sport**  
*Colin M Wierts, University of British Columbia; Philip M Wilson, Brock University; Diane E Mack, Brock University*
  
86. **Non-sport need satisfaction promotes elite athletes' health and well-being: A cross-sectional survey and diary study**  
*Yannick Balk, Eindhoven University of Technology, Netherlands; Jan De Jonge, Eindhoven University of Technology, Netherlands; Sabine Geurts, Radboud University Nijmegen, Netherlands; Chris Lonsdale, Australian Catholic University, Australia*
  
87. **Work-related stressors, health, and psychological well-being among sports coaches**  
*Faye Felicity Didymus, Leeds Beckett University, UK; Leanne Norman, Leeds Beckett University, UK; AJ Rankin-Wright, Leeds Beckett University, UK; Susanna Soler Prat, Institut Nacional d'Educació Física de Catalunya, Spain*
  
88. **Mental practice and psychological health in stroke patients: A systematic review**  
*Vera Storm, Till Utesch, University of Münster, Germany*
  
89. **Psychosocial consequences of parental involvement in youth sport: A systematic review of the literature**  
*Steffan R Berrow, Camilla J Knight, Joanne Hudson, Swansea University, UK*
  
90. **Perceptions of youth sport specialization: Content analysis across differing patterns of participation**  
*Justin DiSanti, Michigan State University; Emily Wright, Michigan State University; Melissa Chase, Miami University; Karl Erickson, Michigan State University*
  
91. **Does level of sport participation impact parent academic involvement, academic self-efficacy, and students' academic outcomes?**  
*Marshall X Grimm, Logan K Lyons, Josh R Novak, Travis E Dorsch, Utah State University*
  
92. **The influence of parental support and pressure on youth sport passion**  
*Eric Martin, Boise State University; Laura Petranek, Boise State University; Brian Butki, Colorado State University*
  
93. **Parent personality and child outcomes in youth sport**  
*Michael King, Travis Dorsch, Ryan Dunn, Lauren Prettyman, Utah State University*
  
94. **A systematic review of the use and effectiveness of concussion education programs in youth sport**  
*Robyn Feiss, Molly Lutz, Justin Moody, Melissa Pangelinan, Auburn University*
  
95. **Relationship among mindfulness, mental skills and mental toughness in martial arts athletes**  
*Chih-Han Wu, Jui-Ti Nien, Tai-Sheng Chen, Chen-Shuo Liu, Yu-Kai Chang, National Taiwan Sport University, Taiwan*

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## Poster Session #3 – Saturday, June 23<sup>rd</sup>, 2018

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### **Motor Development**

1. **Two-leg hopping and frequency matching in children with Down syndrome**  
*Matthew Beerse, Jianhua Wu, Georgia State University*
2. **Motor competence and executive function in children with Autism Spectrum Disorder**  
*Ting Liu, Texas State University*
3. **The influence of risk factors on motor competence, physical fitness and BMI in childhood**  
*Lena Henning, University of Muenster, Germany; Till Utesch, University of Muenster, Germany; Roland Naul, University of Muenster, Germany; Christine Graf, DSHS Köln, Germany; Dennis Dreiskämper, University of Muenster, Germany*
4. **Screen-time usage and fundamental motor skill competency in preschool children**  
*E. Kipling Webster, Louisiana State University; Amanda E. Staiano, Pennington Biomedical Research Center; Corby K. Martin, Pennington Biomedical Research Center; Amanda J. Weathers-Meyer, Louisiana State University*
5. **Four year old children run faster when they become protagonists of a story**  
*Patrizia Tortella, Guido Francesco Fumagalli, University of Verona*
6. **The influence of guided practice on overhand throwing competence in preschool children in a mastery motivational climate**  
*Jerraco Johnson, Mary Rudisill, Peter Hastie, Melissa Pangelinan, Julia Sassi, Auburn University*
7. **“You throw like a girl!”: Young children’s gender stereotypes about motor competence**  
*Sally Taunton, University of South Carolina; Kelly Lynn Mulvey, North Carolina State University; Ali Brian, University of South Carolina*
8. **Motor development in school -age children is associated with the home environment including socioeconomic status**  
*Priscila Caçola, University of Texas at Arlington; Luciana Ferreira, State University of Maringa; Ignacio Godinez, University of Texas at Arlington; Carl Gabbard, Texas A&M University; José Luiz Lopes Vieira, State University of Maringa*
9. **Age-related changes in visual MT/V5 cortical oscillations are associated with visuomotor task performance**  
*Jacy VerMaas-Hannan, University of Nebraska Medical Center*
10. **A longitudinal examination of a structured perceptual motor program**  
*C. Howard-Shaughnessy, Troy University; J.B. Sluder, Troy University; S. Taunton, University of South Carolina; A. Brian, University of South Carolina*

## **Motor Learning and Control**

11. **Keep your “head” on the ball: The relationship between gaze behavior and temporal error in baseball batting in a virtual environment**  
*Hiroki Nakamoto, National Institute of Fitness and Sport in Kanoya, Japan; Kazunobu Fukuhara, Tokyo Metropolitan University, Japan; David Mann, Vrije Universiteit Amsterdam, The Netherlands*
12. **The role of proximal body information in skilled anticipation: The effect of kinematic interchange on anticipatory judgments in tennis**  
*Kazunobu Fukuhara, Tokyo Metropolitan University, Japan; Takahiro Higuchi, Tokyo Metropolitan University; Hiroki Nakamoto, National Institute of Fitness and Sports, Japan; David L. Mann, Vrije Universiteit Amsterdam, The Netherlands*
13. **Quiet eye is not responsive to throwing darts of different weights even when the weight differences can be perceived**  
*Jonathan Marchetto, Robert Horn, Megan LaVacca, Montclair State University*
14. **Size perception and performance outcome in a dart-throwing task under psychological pressure**  
*Yoshifumi Tanaka, Mukogawa Women's University, Japan; Kenta Karakida, Osaka University of Health and Sport Sciences, Japan; Takayuki Murayama, Kanazawa University, Japan; Yufu M. Tanaka, Kindai University, Japan; Kana Goto, Mukogawa Women's University, Japan*
15. **Field location and player roles as constraints on emergent 1- vs -1 interpersonal patterns of play in football**  
*Timo Pekka Laakso, University of Jyväskylä, Finland; Bruno Travassos, Universidade da Beira Interior, Portugal; Jarmo Liukkonen, University of Jyväskylä, Finland; Keith Davids, Sheffield Hallam University, UK*
16. **Dual-task training and dual-task performance in sequence learning**  
*Stephan Panzer, Saarland University, Germany; Matthias Massing, Saarland University, Germany; Charles Shea, Texas A&M University*
17. **Differential effects of dual tasks across learning a finger-sequence**  
*Felix Ehrlenspiel, Luan Mengkai, Technische Universität München, Germany*
18. **An acute bout of exercise can protect procedural memory**  
*Jing Chen, Hakjoo Kim, Taewon Kim, David Wright, Texas A & M University*
19. **Representation and learning in manual action**  
*Ludwig Vogel, Thomas Schack, Bielefeld University, Germany*
20. **The role of dynamic and structural cues for interference in action and perception**  
*Fabian Helm, Goethe-University Frankfurt/Main, Germany; Stefan Kindermann, Justus-Liebig-University Giessen, Germany; Karen Zentgraf, Goethe-University Frankfurt/Main, Germany; Jörn Munzert, Department of Justus-Liebig-University Giessen, Germany*
21. **Motor imagery of single, double and joint actions**  
*Nadja Schott, Carina Frommer, Melina Held, University of Stuttgart, Germany*
22. **Differences in subjective and objective motor imagery in children with Developmental Coordination Disorder**  
*Chadwick Fuchs, Priscila Caçola, University of Texas at Arlington*



23. **Neuroactivity during imagery of the same movement delineates kinesthetic and visual movement imagery abilities as screened by questionnaires**  
*Roger Newman-Norlund, University of South Carolina; Seiler Brian, Charleston Southern University; Ryan Sacko, University of South Carolina; Samantha R. Weber, University of South Carolina; Makayla Gibson, University of South Carolina; Eva Monsma, University of South Carolina*
24. **Balance as a predictor toward independent cycling**  
*Jennifer Kavanagh, Johann Issartel, Kieran Moran, Dublin City University, Ireland*
25. **The effect of transcranial direct current stimulation on time to exhaustion performance in trained cyclists**  
*Rhiannon Louise Cowan, University of Utah; Lisa Schafer, University of Brighton, UK; Nicholas Smeeton, University of Brighton, UK; Jeanne Dekerle, University of Brighton, UK; James Wrightson, University of Calgary*
26. **Priming performance on a ball tossing task via movement contingent sensory effects**  
*William Marshall Land, University of Texas at San Antonio*
27. **Animated instructional presentations can cause symptoms of motion sickness**  
*Anthony Mayo, San Francisco State University; David Anderson, San Francisco State University; Thomas Stoffregen, University of Minnesota*
28. **Effectiveness of a novel target grid method for obtaining 2-D error scores**  
*Ben Meyer, Shippensburg University*
29. **Proficient brain activity in superior golf putting performance: An insight from the EEG and psychomotor efficiency**  
*Ming-Yang Cheng, Bielefeld University, Germany; Kuo-Pin Wang, National Taiwan Normal University, Taiwan; Dirk Koester, Bielefeld University, Germany; Tsung-Min Hung, National Taiwan Normal University, Taiwan ; Thomas Schack, Bielefeld University, Germany*
30. **Response biases: The influence of the contralateral limb and head position**  
*Deanna Kennedy, Charles Shea, Texas A&M University*

### ***Sport and Exercise Psychology***

31. **The effect of music on performance and affects: What's next?**  
*Nile Brandt, University of Utah; Selen Razon, West Chester University; Itay Basevitch, Anglia Ruskin; Gershon Tenenbaum, Florida State University*
32. **Differential effects of aging and aerobic fitness on memory**  
*Allison Mizzi, Alexis Bullock, Jennifer Heisz, McMaster University*
33. **Cognitive and executive function measures used in pediatric exercise research: An analytical review**  
*Kimberley Lakes, University of California, Irvine; Spyridoula Vazou, Iowa State University; Kavita Krishnan, University of California, Irvine; Arya Tavakoulina, University of California, Irvine; Irene Gonzales, University of California, Irvine; Shlomit Radom-Aizik, University of California, Irvine*
34. **An examination of movement-integrated learning in the college classroom**  
*Michael Rhoads, Metropolitan State University of Denver; Rena Kirkland, Adams State University; Crystal Baker, Colorado Mesa University*

35. **The effect of an acute bout of physical activity on inhibitory control in individuals with Autism Spectrum Disorder**  
*Andrew C. Parks, University of Michigan; Isabella Felzer-Kim, Michigan State University; Janet L. Hauck, Michigan State University; Brooke R. Ingersoll, Michigan State University; Alan L. Smith, Michigan State University; Matthew B. Pontifex, Michigan State University*
36. **The effects of acute exercise on reward processing during a monetary gambling task**  
*Matthew Gooden, Kristina Muniz, Christopher Brush, Peter Ehmann, Anthony Bocchine, Brandon Alderman, Rutgers University*
37. **Does consumption of slow-releasing carbohydrates improve mental performance following exhaustive exercise?**  
*Gustavo Sandri Heidner, East Carolina University; Laurel Wentz, Appalachian State University; Jaclyn Farrior, East Carolina University; Callie Herman, East Carolina University; Rachel Dodson, East Carolina University; Nicholas Murray, East Carolina University*
38. **Associations among motivational climate, achievement goals, perceived competence, enjoyment, and anxiety within Finnish physical education students**  
*Mikko Huhtiniemi, Timo Jaakkola, University of Jyväskylä, Finland*
39. **Exploration into the barriers and facilitators of exercise adherence behaviours in patients with persistent musculoskeletal pain**  
*Laura Meade, Emma Godfrey, Lindsay Bearne, King's College London, UK*
40. **Self-determination theory and physical activity in Chinese adolescents**  
*Weiwei Ding, China University of Geosciences, China; Zhixiong Mao, Beijing Sport University, China; Qin Lai, Wayne State University*
41. **Associations among basic psychological needs, motivational regulations, enjoyment, and anxiety of Finnish physical education students**  
*Timo Jaakkola, Mikko Huhtiniemi, University of Jyväskylä, Finland*
42. **Sport, exercise, and performance psychologists as proxy-agents for exercise**  
*Caleb Campbell, Alison Ede, Tiffanye Vargas, Leilani Madrigal, California State University, Long Beach*
43. **Expanding our understanding of knowledge and beliefs about chronic pain and exercise among physiotherapists**  
*Mackenzie G. Marchant, University of Saskatchewan; Miranda A. Cary, University of Saskatchewan; Jenelle Zapski, University of Saskatchewan; Jocelyn E. Blouin, University of Saskatchewan; Nancy Gyurcsik, University of Saskatchewan; Danielle R. Brittain, University of Northern Colorado*
44. **Wearable technology to improve physical health of adults with chronic disease conditions: A systematic review and meta-analysis**  
*Megan Kirk Chang, Mohammad Amiri, Meysam Pirbaglou, Paul Ritvo, York University*
45. **Self-efficacy and body weight satisfaction predict physical activity and sedentary behaviors in HIV positive adolescents and young adults on ART**  
*Leapetswe Maletse, Michigan State University; Tladi Dawn, University of Botswana, Botswana; Jennifer Etnier, University of North Carolina, Greensboro; Jerry Makhandia, Botswana Baylor Children's Clinical Centre of Excellence; Gabriel Anabwani, Botswana Baylor Children's Clinical Centre of Excellence; Charlene Compher, University of Pennsylvania*

46. **Development and validation of golf positive psychological capital questionnaire**  
*Jung-eun Na, Ji-Hye Chung, Sookmyung Women's University, South Korea*
47. **The development and validation of dancer resilience questionnaire**  
*Eun Choi, Ji-Hye Chung, Mi-Sun Kim, Bo-Ram Lee, Sookmyung Women's University, South Korea*
48. **A qualitative approach to identifying how mental toughness is characterized by high school coaches**  
*Leilani Madrigal, Madison Hunt, Courtney Novak, Kiana Nua, Casee Wieber, Taylor Florentino, California State University Long Beach*
49. **Examining the psychometric properties of the MTS in high school athletes**  
*Leilani Madrigal, California State University Long Beach; Sharon Hamill, California State University San Marcos; Kim Pulvers, California State University San Marcos; Devan Romero, California State University San Marcos*
50. **The effects of cognitive effort training on whole body physical exertion and perception of effort**  
*Kira I Innes, McMaster University; Kathryn E Andrusko, Queen's University; Steven R Bray, McMaster University*
51. **Gatekeepers' experiences of hiring a sport psychologist: A phenomenological study**  
*Toby H Woolway, Chris G Harwood, Loughborough University, UK*
52. **Grounded theoretical approach in the process of substitution athletes for female professional basketball coaches(I)**  
*Ji-Hye Chung, Mi-Sun Kim, Bo-Ram Lee, Eun Choi, Sookmyung Women's University, South Korea*
53. **Self-compassion and sport performance**  
*Nikki Barczak, University of North Carolina at Chapel Hill; Amber Mosewich, University of Alberta; Robert C. Eklund, Florida State University*
54. **The effect of messages evoking pleasant or unpleasant feelings from physical education teachers on pre-performance**  
*Tadao Ishikura, Doshisha University, Japan*
55. **The impact of contextual priors and anxiety on performance effectiveness and processing efficiency in anticipation**  
*David P. Broadbent, Brunel University London, UK; N. Viktor Gredin, Brunel University London, UK; Jason Rye, Brunel University London, UK; A. Mark Williams, University of Utah; Daniel T. Bishop, Brunel University London, UK*
56. **The immediate effect of ventilatory training on heart rate variability, during training and challenge**  
*Calvin Lu, University of Maryland; Yingzhi Lu, Shanghai University of Sport, China; Andrew Ginsberg, University of Maryland; Bradley Hatfield, University of Maryland*
57. **A systematic review of acute sports-related concussion assessments**  
*Justin Moody, Robyn Feiss, Melissa Pangelinan, Auburn University*
58. **Self-compassion between high and low performers among NCAA Division student-athletes**  
*Urška Dobersek, University of Southern Indiana; Abbey Huffine, University of Southern Indiana; Mindy Mayol, University of Indianapolis; Lee Everett, University of Indianapolis*
59. **Examining perceptions of athletic identity and religious orientation between students competing in varsity and intramural athletics**  
*Paul Saville, Samantha Meckes, Ali Valverde, Azusa Pacific University*

60. **Measurement of 'standard' and 'motivation held constant' self-efficacy in older adults**  
*Jordan Kurth, Steve Amireault, Purdue University*
61. **Examining the relationship between falls self-efficacy and postural sway in community-dwelling older adults**  
*Kathleen McCarty, Oregon State University; Winston Kennedy, Oregon State University; Samuel Logan, Oregon State University; Susan Levy, San Diego State University*
62. **The relationship between social skills and social anxiety in Chinese student athletes: The mediating effect of cognitive disorders**  
*Ye Wang, Florida State University*
63. **Social relatedness in CrossFit participants**  
*Julie Partridge, Kristiana Feeser, Bobbi Knapp, Southern Illinois University Carbondale*
64. **An assessment of sport officials' perceptions of group cohesion**  
*Rayme Ehle, Indiana University Kokomo; David J. Hancock, Indiana University Kokomo; Kyle F. Paradis, Western University; M. Blair Evans, Pennsylvania State University; Luc J. Martin, Queen's University*
65. **The role of the coach in athlete emotional and motivational development**  
*Walker Lauren, Michigan State University; Martin Eric, Boise State University; Gould Daniel, Michigan State University*
66. **Online social norms as predictors of self-efficacy and physical activity: The role of sharing about physical activity on social media**  
*Maria M. Beitzel, Katherine Balfany, Kathleen S. Wilson, California State University, Fullerton*
67. **The effect of degree of interpersonal synchronization on synchrony-induced pain threshold changes**  
*Matthew Marini, Philip Sullivan, Zak Lewis, Jack Sampson, Brock University*