

Monday June 5

## 7 Sport and Exercise Psychology - Exercise and Mental Health

Moderator: Alan L. Smith, Michigan State University, United States

8:00-8:15 am **Keep smiling with HIT: The effects high-intensity interval training on mental health outcomes and the acute inflammatory response**

Paolucci, Emily M.; Heisz, Jennifer J., McMaster University

8:15-8:30 am **Physical activity, sedentary behaviour, body mass index, and mental health indicators: An investigation using direct measures and nationally representative data**

Gunnell, Katie E., Children's Hospital of Eastern Ontario; Larouche, Richard, University of Prince Edward Island; Goldfield, Gary S.; Tremblay, Mark S., Children's Hospital of Eastern Ontario Research Institute

8:30-8:45 am **The Effects of Short-term Fitbit(c) wearing on Self-efficacy in Non-exercisers.**

Adams, Melanie M.; Freleng, Chelsea, Keene State College

8:45-9:00 am **Be active, rest well, and improve mental health: Physical activity, depression symptoms and the mediating role of sleep quality and quantity among breast cancer survivors**

Gentile, Anika R.; Sylvester, Benjamin D.; Sabiston, Catherine M., University of Toronto

9:00-9:15 am **Put on your running shoes for a better snooze: examining the optimal dose of exercise for efficient sleep in older adults**

Fenesi, Barbara; Kovacevic, Ana; Heisz, Jennifer J., McMaster University

## 8 Sport and Exercise Psychology - Self-Compassion and Mindfulness

Moderator: Catherine Sabiston, University of Toronto, Canada

8:00-8:15 am **Exploring the conceptualization and assessment of self-compassion within the context of body image**

Ullrich-French, Sarah C.; Cox, Anne E., Washington State University

8:15-8:30 am **Exploring Elite Female Athletes Lived Experiences of Mental Toughness and Self-Compassion**  
 Wilson, Dani C., University of British Columbia; Mosewich, Amber D., University of Alberta; Faulkner, Guy; Crocker, Peter R.E., University of British Columbia

8:30-8:45 am **Self-compassion protects against negative body-related emotions: A three-wave study of adolescent girls in sport**  
 Pila, Eva; Gilchrist, Jenna D.; Sabiston, Catherine M., University of Toronto

8:45-9:00 am **A Balancing Act: Understanding the role of mother guilt and self-compassion in health-promoting behaviours in mothers with young children**  
 Miller, Cindy; Strachan, Chaelyn, University of Manitoba

9:00-9:15 am **The Impact of Dispositional Mindfulness on the Competitive Performance and Psychological Readiness of Elite Swimmers**  
 Martin, Lisa A.; Hinz, Angela, University of the Sunshine Coast; Formosa, Danielle, Swimming Australia

**9 Motor Learning and Control - The contextual interference effect after 35 years: History, current research, future directions**

Organizer: Nancy Getchell, University of Delaware, United States

Discussant: Shailesh S. Kantak, Moss Rehabilitation Research Institute

Moderator: Nikki Hodges, University of British Columbia, Canada

8:00-8:10 am **Contextual Interference: A Historical Perspective**  
 Shea, John B., Indiana University

8:10-8:25 am **Pay now or pay later - assessments of cognitive load in virtual environments using optical imaging within contextual interference paradigms**  
 Shewokis, Patricia A., Drexel University; Shariff, Faiz U, Lehigh Valley Health Network; Ayaz, Hasan, Drexel University; Getchell, Nancy, University of Delaware; Izzetoglu, Meltem, Drexel University; Lind, D. Scott, University of Florida-Jacksonville

8:25-8:40 am **Challenge to promote change: The neural correlates of the contextual interference effect in young and older adults**  
 Pauwels, Lisa; Chalavi, Sima; Sunaert, Stefan; Maes, Celine; Swinnen, Stephan P., KU Leuven

8:40-8:55 am **What's under the hood? Examining prefrontal cortex activity using fNIRs within a contextual interference paradigm**

Getchell, Nancy, University of Delaware; Shewokis, Patricia A., Drexel University; Wunsch, Emily, University of Delaware; Schilder, Alex B., Emory University

**10 Motor Development - Exploration of perceived motor competence in investigating actual motor competence and physical activity**

Moderator: Kathy Haywood, University of Missouri-St. Louis, United States

8:00-8:15 am **Two worlds colliding: A motivational and motor development perspective on youngsters' engagement in physical activity and sports**

De Meester, An, Ghent University, Belgium; Pion, Johan, HAN University of Applied Sciences; Mostaert, Mireille, Ghent University, Belgium; Bardid, Farid, University of Strathclyde; Cardon, Greet; De Muynck, Gert-Jan; Lenoir, Matthieu; Haerens, Leen, Ghent University, Belgium

8:15-8:30 am **Gender differences in the association between motor competence and executive function: does perceived or actual competence matter?**

Pesce, Caterina; Marchetti, Rosalba; Masci, Iliara, Italian University Sport and Movement Foro Italico

8:30-8:45 am **What is the contribution of actual motor skill, fitness, and physical activity to children's self-perceptions of motor competence?**

Barnett, Lisa, Deakin University; Lubans, David R., University of Newcastle; Timperio, Anna, Deakin University Institute for Physical Activity and Nutrition (IPAN), School of Exercise and Nutrition Sciences; Salmon, Jo; Ridgers, Nicola D., Deakin University

8:45-9:00 am **The role of motor competence and mediating role of perceived motor competence in preschooler's physical activity levels on the playground**

Famelia, Ruri; Tsuda, Emi; Goodway, Jacqueline, The Ohio State University

9:00-9:15 am **Can we build profiles to understand how ability (fitness, motor skill) and engagement in physical activity relate to children's motor perceptions?**

Estevan, Isaac; Garcia-Masso, Xavier; Villarasa, Israel; Molina-Garcia, Javier, University of Valencia; Barnett, Lisa M., Deakin University

**13 Sport and Exercise Psychology - The imperative of bringing implicit processes to the spotlight: Exercise psychology in the postcognitivist era**

Organizer: Zachary Zenko, Duke University, United States

Discussant: Panteleimon Ekkekakis, Iowa State University, United States

Moderator: Matthew Pointifex, Michigan State University, United States

11:15 am - 11:27 am **The imperative of bringing implicit processes to the spotlight: Exercise psychology in the postcognitivist era**  
Zenko, Zachary, Duke University

11:27 am - 11:39 am **Exercise psychology at 50: From wide-eyed radical cognitivist to nuanced dual-process theorist**  
Ekkekakis, Panteleimon, Iowa State University

11:39 am - 11:51 am **The role of automatic evaluations in exercise choices under ego-depletion. An experimental approach from a dual-process perspective on affective evaluation of exercise**  
Brand, Ralf, University of Potsdam; Utesch, Till, University of Muenster

11:51 am - 12:03 pm **Automatic evaluations and exercising: A qualitative literature review**  
Antoniewicz, Franziska; Schinkoeth, Michaela, University of Potsdam

12:03 pm - 12:15 pm **Measuring implicit exercise associations: Comparative validation**  
Zenko, Zachary, Duke University; Ekkekakis, Panteleimon, Iowa State University

**14 Sport and Exercise Psychology - Youth Development and Leadership**

Moderator: Tara Scanlan, UCLA, United States

11:15 am - 11:30 am **An Evaluation of a National Online Captain's Leadership Training Course**  
Walker, Lauren; Gould, Daniel R., Michigan State University

11:30 am - 11:45 am **Examining coach and athlete perceptions of challenge in youth sport: What leads to growth-enhancing vs. a growth-thwarting experience?**  
Disanti, Justin; Tucker, Sami; Santerre, Cassaundra; Kohler, Madison; Erickson, Karl, Michigan State University

11:45 am - 12:00 pm **Whose role is it? Examining youth athletes' perceptions of psychosocial development across recreational and competitive sport**  
 Bean, Corliss, University of Ottawa; Forneris, Tanya, University of British Columbia Okanagan

12:00 pm - 12:15 pm **Teacher-Coach Perceptions of Life Skills Transfer from High School Sport to the Classroom**  
 Pierce, Scott, Illinois State University

12:15 pm - 12:30 pm **Examining Factors that Influence Youth Sport Coaches' Transformational Leadership Behaviours.**  
 Rochon, Chantal; Turnnidge, Jennifer, Queen's University;  
 Cowburn, Ian H., Leeds Beckett University; O'Connor, Meaghan;  
 Côté, Jean, Queen's University

**15 Motor Learning and Control - Noninvasive brain stimulation to improve motor performance and learning: Help or hype?**

Organizer: Bradley R. King, KU Leuven, Belgium

Discussant: Genevieve Albouy, KU Leuven, Belgium

Moderator: Kelly Westlake, University of Maryland Baltimore, United States

11:15 am - 11:20 am **Introduction**  
 King, Bradley R., KU Leuven

11:20 am - 11:36 am **Minimizing deficits in motor memory consolidation in older adults via transcranial direct current stimulation: Behavioral and neuroimaging investigations**  
 King, Bradley R., KU Leuven

11:36 am - 11:53 am **Cerebellar tDCS enhances motor adaptation in healthy older adults**  
 Hardwick, Robert, Johns Hopkins University

11:53 am - 12:10 pm **The cerebellum: an elusive gatekeeper for cortical plasticity and motor learning**  
 Popa, Traian, National Institute of Neurological Disorders and Stroke

**16 Motor Development - Exploring Seefeldt's Proficiency Barrier**

Organizer: Danielle Nesbitt, University of South Carolina, United States

Discussant: Matthieu Lenoir, University of Ghent, Belgium

Moderator: Jill Whittall, University of Maryland Baltimore, United States

11:15 am - 11:20 am **Exploring Seefeldt's Proficiency Barrier**  
 Nesbitt, Danielle, University of South Carolina

11:20 am - 11:33 am **Revisiting Seefeldt's Proficiency Barrier concept in the 21st century: Implications for locomotion**  
 Getchell, Nancy, University of Delaware; Brian, Ali; Stodden, David, University of South Carolina

11:33 am - 11:46 am **Testing the motor proficiency barrier hypothesis for physical activity and weight status**  
 Lopes, Vitor P., School of Education of Polytechnic Institute of Braganca; Lopes, Luis, University of Porto; Santos, Rute, University of Wollongong; Stodden, David F., University of South Carolina; Rodrigues, Luis P., Instituto Politecnico de Viana do Castelo

11:46 am - 11:59 am **Identification of a motor competence proficiency barrier among children for meeting physical activity guidelines**  
 De Meester, An, Ghent University, Belgium; Stodden, David F., University of South Carolina; Goodway, Jacqueline, The Ohio State University; True, Larissa, State University of New York at Cortland; Brian, Ali, University of South Carolina; Ferkel, Rick, Central Michigan University; Haerens, Leen, Ghent University, Belgium

11:59 am - 12:12 pm **The effect of motor competence "proficiency barriers" on health-related fitness**  
 Nesbitt, Danielle, University of South Carolina; True, Larissa, State University of New York at Cortland; Stodden, David F., University of South Carolina

**18 Sport and Exercise Psychology - Psychophysiological insights into the association between health behaviors and cognition**

Organizer: Matthew Pontifex, Michigan State University, United States

Discussant: Jennifer L. Etnier, University of North Carolina Greensboro, United States

Moderator: Panteleimon Ekkekakis, Iowa State University, United States

2:15-2:20 pm **Symposium description**  
 Pontifex, Matthew B., Michigan State University

2:20-2:35 pm **Chronic physical activity for the developing brain**  
 Drollette, Eric S., University of Illinois at Urbana-Champaign

2:35-2:50 pm **Exercise mode and working memory in late middle-aged adults: A functional MRI study**  
 Chang, Yu-Kai; Chen, Feng-Tzu, National Taiwan Sport University

2:50-3:05 pm **Exercise as a stand-alone or combination treatment for cognitive control deficits in major depression**  
 Alderman, Brandon L., Rutgers, The State University of New Jersey

3:05-3:20 pm **What if I don't want to exercise today: The association between bouts of physical activity and cognition**  
Pontifex, Matthew B., Michigan State University

**19 Sport and Exercise Psychology - Coach-Athlete Relationships**

Moderator: Bernd Strauss, University of Muenster, Germany

2:15-2:30 pm **Mechanisms explaining the effect of coach feedback on athletes' motivation, persistence, and performance: Two experimental studies**  
Muynck, Gert-Jan De, Ghent University, Belgium; Vansteenkiste, Maarten; Delrue, Jochen; Aelterman, Nathalie, Ghent University, Belgium; Vandebroek, Gert, KU Leuven; Soenens, Bart, Ghent University, Belgium

2:30-2:45 pm **Explaining the Relations of Athletes' Perceptions of Coach Doping Confrontation Efficacy with Intention to Dope and to Avoid Inadvertent Doping**  
Boardley, Ian D., University of Birmingham; Smith, Alan L., Michigan State University; Ntoumanis, Nikos, Curtin University

2:45-3:00 pm **Discrepancies and Agreement in Coach-Athlete Relationships and Implications for Athletes**  
Rocchi, Meredith, McGill University; Pelletier, Luc G., University of Ottawa

3:00-3:15 pm **The Role of Coaches in Preventing and Managing Alcohol Consumption of their Student-Athletes**  
Chow, Graig M.; Bird, Matthew D.; Soendergaard, Stinne, Florida State University

3:15-3:30 pm **Development and Evaluation of a Training Program on Need-Supportive Coaching: Findings on the Appreciation by Coaches and the Role of Experienced Psychological Need Satisfaction**  
Aelterman, Nathalie, Ghent University, Belgium; Vansteenkiste, Maarten; De Muynck, Gert-Jan; Delrue, Jochen, Ghent University, Belgium; Reynders, Bart; Vande Broek, Gert, University of Leuven; Haerens, Leen, Ghent University, Belgium

3:30-3:45 pm **Examining interpersonal style in the coach-athlete relationship**  
Surya, Mark, Wilfred Laurier University; Sadler, Pamela; Eys, Mark, Wilfrid Laurier University

**20 Motor Learning and Control - Types of Learning and Feedback**

Moderator: Dick Magill, Teachers College, Columbia University, United States

2:15-2:30 pm **Changing the Type of KR Affects the Learning of a Line-drawing Task**

Fisher, Kevin; Gregorski, Megan; Bundy, Michaela, Central Michigan University

2:30-2:45 pm **Self-controlled Feedback: When and Why Subjects Ask for Feedback**

Gonin, Madeleine; Hatfield, Brent, Indiana University; Shea, John B., Indiana University Bloomington

2:45-3:00 pm **Autonomy facilitates repeated maximum force productions**

Iwatsuki, Takehiro, University of Nevada, Las Vegas; Abdollahipour, Reza; Psotta, Rudolf, Palacky University, Olomouc; Lewthwaite, Rebecca, Rancho Los Amigos National Rehabilitation Center; Wulf, Gabriele, University of Nevada, Las Vegas

3:00-3:15 pm **Application of Representative Learning Design for assessment of common practice drills in tennis**

Krause, Lyndon M.; Farrow, Damian, Victoria University; Reid, Machar, University of Western Australia; Buszard, Tim, Victoria University; Pinder, Ross, Australian Paralympic Committee

3:15-3:30 pm **Motor performance and mental workload assessment during practice of reaching movements in a context of team dynamics**

Shuggi, Isabelle M., University of Maryland College Park; Shewokis, Patricia A., Drexel University; Herrmann, Jeffrey W.; Gentili, Rodolph J., University of Maryland

3:30-3:45 pm **Enhancing Performance Expectancies Through Visual Illusions Facilitates Motor Learning in Children**

Wulf, Gabriele, University of Nevada, Las Vegas; Bahmani, Moslem; Ghadiri, Farhad; Karimi, Saeed, Kharazmi University; Lewthwaite, Rebecca, Rancho Los Amigos National Rehabilitation Center and University of Southern California; Chua, Lee-Kuen, University of Nevada, Las Vegas

## 21 **Motor Development - Conceptual & Assessment Issues in Motor Competence**

Moderator: Michael G. Wade, University of Minnesota, United States

2:15-2:30 pm **Are movement skills fundamental or foundational? Conceptualizing movement skill development for participation in physical activity**

Hulteen, Ryan M.; Morgan, Philip J., University of Newcastle; Barnett, Lisa M., Deakin University; Stodden, David F., University of South Carolina; Lubans, David R., University of Newcastle

2:30-2:45 pm **Fundamental motor skills: A systematic review of terminology**  
 Logan, Sam W.; Ross, Samantha M.; Chee, Keanu, Oregon State University; Stodden, David F., University of South Carolina; Robinson, Leah E., University of Michigan

2:45-3:00 pm **The Athletic Skills Track: age- and gender-related normative values of a motor skills test for 40 to 12-year-old children**  
 Hoeboer, Joris; Krijger-Hombergen, Michiel; Ongena, Guido; Stolk, Erik, The Hague University of Applied Sciences; Savelsbergh, Geert, VU University Amsterdam; de Vries, Sanne I, The Hague University of Applied Sciences

3:00-3:15 pm **Associations of Product and Process Oriented Motor Competence with Energy Expenditure**  
 Sacko, Ryan S., University of South Carolina; Utesch, Till; Eggelbusch, Moritz, University of Muenster; Stodden, David F., University of South Carolina

3:15-3:30 pm **A Delphi poll investigation to establish the content of a teacher-oriented assessment of children's fundamental movement skills**  
 van Rossum, Tom, Sheffield Hallam University; Morley, David; Richardson, David; Fowweather, Lawrence, Liverpool John Moores University

3:30-3:45 pm **The Developmental Sequences for Forceful Kicking**  
 Sacko, Ryan S., University of South Carolina; Utesch, Till, University of Muenster; Cordovil, Rita, University of Lisbon; De Meester, An, Ghent University, Belgium; Eggelbusch, Moritz, University of Muenster; Bott, Tim, The Citadel; Stodden, David F., University of South Carolina

Tuesday June 6

**26 Sport and Exercise Psychology - Mental Health, Perfectionism, and Burnout**

Moderator: Sarah Ullrich-French, Washington State University, United States

8:00-8:15 am **Body-Related Emotions and Psychological Stress in Physically Active Breast Cancer Survivors**  
 Vani, Madison F.; Sabiston, Catherine M., University of Toronto

8:15-8:30 am **A test of the diathesis-stress model of perfectionism following repeated interpersonal failure on a cycle ergometer task**  
 Curran, Thomas, University of Bath; Hill, Andrew P., York St John University

8:30-8:45 am **Perfectionism and Burnout in Athletes - A Meta-Analysis**  
 Busch, Lena; Buerkner, Paul-Christian; Schuecker, Linda; Holling, Heinz; Strauss, Bernd, University of Muenster

8:45-9:00 am **New Perspective of Burnout Syndrome: Body Movement of Burnout Patients. A Controlled Study**  
 Pfeffer, Manuela M.; Paletta, Andrea, University of Graz

9:00-9:15 am **Exploring Mental Health Among Ultra-Marathon Runners**  
 Watenmaker, Aaron; Wilson, Kathleen; Englar-Carlson, Matt, California State University Fullerton

9:15-9:30 am **Targeting Mental Health Stigma among Ultra-marathon Runners using a Brief Video Social Contact Intervention**  
 Watenmaker, Aaron; Wilson, Kathleen; Englar-Carlson, Matt, California State University Fullerton

**27 Sport and Exercise Psychology - Youth Sport - Behavior, Motivation and Measurement**

Moderator: Leapetswe Malete, Michigan State University, United States

8:00-8:15 am **The influence of parent and child gender on goals and verbal sideline behavior in organized youth sport**  
 Cook, Emily; Rose, Travis; Grimm, Marshall X.; Dorsch, Travis E., Utah State University

8:15-8:30 am **Parents' stressors and coping strategies during elite tennis junior Swiss tournaments**  
 Schmid, Olivier N.; Schmid, Juerg, University of Bern

8:30-8:45 am **The dynamic nature of self-determined motivation among elite youth soccer players: Comparisons across age and skill in a combined prospective and cross-sectional design**  
 Hendry, David T.; Crocker, Peter R.E., University of British Columbia; Williams, A. Mark, University of Utah; Hodges, Nicola J., University of British Columbia

8:45-9:00 am **Pride Better Predicts Intention to Return to Youth Sport than do Basic Psychological Needs**  
 Balish, Shea M.; Gilchrist, Jenna, University of Toronto; Rainham, Daniel; Blanchard, Chris, Dalhousie University; Sabiston, Catherine, University of Toronto

9:00-9:15 am **Invariance testing and factor analysis of the Group Conflict Questionnaire**  
 Paradis, Kyle F., University of Western Ontario; Martin, Luc J., Queens University; Harenberg, Sebastian, Ithaca College

9:15-9:30 am **Identifying response biases in sport data**  
 Strauss, Bernd; Utesch, Till, University of Muenster; Büsch, Dirk,  
 College of Technique and Art, Germany; Meier, Henk E.,  
 University of Muenster

**28 Motor Learning and Control - Types of Practice and Transfer**

Moderator: Deanna Kennedy, Texas A&M University, United States

8:00-8:15 am **Does scaling sports equipment facilitate implicit motor learning?**  
 Buszard, Tim; Whiteside, David, Victoria University; Reid,  
 Machar, Tennis Australia; Masters, Rich, University of Waikato;  
 Farrow, Damian, Victoria University

8:15-8:30 am **The acquisition processes of adaptability among differentiated patterns at early stages of learning of fundamental skill in juggling.**  
 Yamamoto, Kota; Shinya, Masahiro; Kudo, Kazutoshi, The  
 University of Tokyo

8:30-8:45 am **Expecting to teach enhances motor learning and information processing during practice**  
 Daou, Marcos; Lohse, Keith R.; Miller, Matthew W.; Rhoads,  
 Jence, Auburn University

8:45-9:00 am **Perceptual-Motor Recalibration Provides a Window into Motor Skill Transfer**  
 Mayo, Anthony M.; Anderson, David I., San Francisco State  
 University; Rieser, John J., Vanderbilt University; Kruse, Brenna;  
 Pick Jr, Herb L., University of Minnesota

9:00-9:15 am **Training and transfer of visual anticipation in skilled cricket batsmen**  
 Brenton, John; Muller, Sean; Dempsey, Alasdair, Murdoch  
 University

9:15-9:30 am **Experimentally impaired foveal vision improves peripheral performance**  
 Vater, Christian; Spoerri, Nicole; Hossner, Ernst-Joachim,  
 University of Bern

**29 Motor Development - Investigating & Promoting Motor Competence in the Early Childhood Years**

Moderator: Kathleen Williams, University of North Carolina at Greensboro, United States

8:00-8:15 am **Examining the impact of SKIP training for teachers on children's motor development in the Foundation Phase.**  
Wainwright, Nalda N., University of Wales Trinity Saint David; Goodway, Jacqueline D., The Ohio State University; John, Amanda A.; Edwards, Kirsty A.; Piper, Kate A., University of Wales Trinity Saint David

8:15-8:30 am **The Impact of the Summer Success Program on Children's Motor Competence and Perceived Motor Competence**  
Tsuda, Emi; Famelia, Ruri; Goodway, Jacqueline D., The Ohio State University

8:30-8:45 am **Physical education versus free play in motor skill development of preschoolers**  
Howard-Shaughnessy, Candice, Troy University; Taunton, Sally; Brian, Ali, University of South Carolina; Sluder, Brandon, Troy University

8:45-9:00 am **Mastery Motivational Climate: Examining the Relationship Between Time Spent and Number of Visits at Skill Stations with Changes in Skill Scores**  
Ljohnson, Jerraco Leontae; Hastie, Peter; Rudisill, Mary E., Auburn University

9:00-9:15 am **Exploring the Physical Activity, Actual Motor Competence and Perceived Motor Competence of Urban and Rural Indonesian Preschoolers**  
Famelia, Ruri; Goodway, Jacqueline D., The Ohio State University; Bakhtiar, Syahrial, State University of Padang

9:15-9:30 am **The role of cognitive change in the relationship between actual and perceived motor competence in young children**  
Bardid, Farid, University of Strathclyde; Goodway, Jacqueline D., The Ohio State University; Lenoir, Matthieu, Ghent University, Belgium

**33 Sport and Exercise Psychology - Mo and Thelma, have we been listening? The application and utility of viewing youth sport through a developmental lens**

Organizer: Travis Dorsch, Utah State University, United States

Discussant: Maureen Weiss, University of Minnesota, United States; Thelma Horn, Miami University, United States

Moderator: Gordon Bloom, McGill University, Canada

3:45-3:52 pm **Mo and Thelma, have we been listening? The application and utility of viewing youth sport through a developmental lens**  
Dorsch, Travis E., Utah State University

3:52-4:04 pm **It's not what you say, but how you say it: The impact of parents' goal profiles on vocal emotional arousal during organized youth sport competitions**

Grimm, Marshall X.; Dorsch, Travis E., Utah State University

4:04-4:16 pm **Sibling relationship profiles and sport perceptions in young athletes**

Blazo, Jordan A., Louisiana Tech University; Smith, Alan L., Michigan State University; Whiteman, Shawn D., Utah State University

4:16-4:28 pm **Positive youth development and observed interpersonal interactions in recreational sport**

Vierimaa, Matthew, Utah State University; Bruner, Mark, Nipissing University; Cote, Jean, Queens University

4:28-4:40 pm **Coaching for Youth Development**

Cote, Jean; Turnnidge, Jennifer, Queens University; Vierimaa, Matthew, Utah State University

#### 34 Sport and Exercise Psychology - Exercise and Cognition

Moderator: Yu Kai Chang, National Taiwan Sport University

3:45-4:00 pm **Dose-response effects of acute exercise on inhibition in children with ADHD**

Hung, Tsung-Min; Tsai, Yu-Jung, National Taiwan Normal University; Huang, Chung-Ju, University of Taipei

4:00-4:15 pm **Social exclusion may undermine the fitness-executive function association in children at-risk for ADHD**

Delli Paoli, Anthony G., Michigan State University; Shoulberg, Erin K.; Schmidt, Andrew, University of Vermont; Oluyedun, Olufemi A., Michigan State University; Hoza, Betsy, University of Vermont; Smith, Alan L., Michigan State University

4:15-4:30 pm **Daily Physical Education for Academic Fitness**

Etnier, Jennifer L., University of North Carolina at Greensboro; Gaddy, John, Central Elementary School; Labban, Jeffrey D., University of North Carolina at Greensboro

4:30-4:45 pm **Exergaming intervention to foster executive functions in children with attention deficit hyperactivity disorder: preliminary results from a clinical trial**

Benzing, Valentin; Schmidt, Mirko, University of Bern

4:45-5:00 pm **Examining the effects of physical exercise and cognitive training on memory and neurotrophic factors**  
 Heisz, Jennifer J.; Clark, Ilana B.; Bonin, Katija; Paolucci, Emily M.; Michalski, Bernadeta; Becker, Suzanna; Fahnestock, Margaret, McMaster University

5:00-5:15 pm **Recent Physical Activity and Resting-State Brain Connectivity**  
 Slutsky, Alexis B.; Diekfuss, Jed A.; Schmitz, Randy J., University of North Carolina at Greensboro; Grooms, Dustin R., The Ohio State University; Raisbeck, Louisa D., University of North Carolina at Greensboro

### 35 Motor Learning and Control - Attentional Focus

Moderator: Gabriele Wulf, University of Nevada, Las Vegas, United States

3:45-4:00 pm **The effects of attentional focus in the preparation and execution of a standing long jump**  
 Becker, Kevin A., Texas Woman's University; Couvillion, Kaylee F.; Fairbrother, Jeffrey T., University of Tennessee Knoxville

4:00-4:15 pm **The Effects of attentional focus on limb loading in individuals following anterior cruciate ligament reconstruction**  
 Chan, Ming-sheng M.; Lin, Paige E.; Hernandez, Emily L.; Fisher, Beth E.; Sigward, Susan M., University of Southern California

4:15-4:30 pm **External focus of attention and autonomy support have additive benefits for motor performance in children**  
 Abdollahipour, Reza, Palacky University Olomouc; Nieto, Miriam Palomo, Universidad Politecnica de Madrid; Psotta, Rudolf, Palacky University Olomouc; Wulf, Gabriele, University of Nevada Las Vegas

4:30-4:45 pm **The Effect of Attentional Focus Training on Ladder Stability**  
 Wade, Eric R.; Hall, Latano; Fairbrother, Jeffrey, University of Tennessee Knoxville

4:45-5:00 pm **Optimizing motor learning: Matching individual differences in working memory capacity to different learning interventions**  
 Canal-Bruland, Rouwen, University of Jena; Kishna, Kevin; der Zande, Jesse van; der Kamp, John van, Vrije Universiteit Amsterdam

5:00-5:15 pm **Examining visual and attentional focus influences on golf putting performance**  
 Forbes, Michael A.; Ste-Marie, Diane M., University of Ottawa

**36 Motor Development - Motor Skills and Physical Activity in Young Children: Potential Factors that Influence Self-Regulation**

Organizer: Leah E. Robinson, University of Michigan, United States

Discussant: Sam Logan, Oregon State University, United States

Moderator: Lisa Barnett, Deakin University, Australia

3:47-3:59 pm **Motor Skills and Physical Activity in Young Children: Potential Factors that Influence Self-Regulation**

Robinson, Leah E., University of Michigan

3:59-4:11 pm **Educating the 'Whole' Child with Physical Activity Games: Self-regulation outcomes in the Classroom and Mediating Skills**

Pesce, Caterina; Marchetti, Rosalba, Italian University Sport and Movement; Schmidt, Mirko, University of Bern

4:11-4:23 pm **Relationship between Motor Skills and Self-Regulation in Preschoolers from Diverse Backgrounds.**

Palmer, Kara; Chinn, Katherine; Conroy, Colleen; Persad, Catherine C.; Bala, Cecilia; Brown, Matthew; Miller, Alison; Robinson, Leah E., University of Michigan

4:23-4:35 pm **Relationships between motor skill delay and executive functions in vulnerable children aged 3-5 years**

Okely, Anthony; Howard, Steven; de Rosnay, Marc; Mackie, Franca; C Veldman, Sanne L.; Melhuish, Ted, University of Wollongong

4:35-4:47 pm **Early Self-Regulation and Motor Challenges May Be Barriers to Participation in Physical Activity**

Lakes, Kimberley, University of California Irvine; Abdullah, Maryam, University of California, Irvine; Aizik, Shlomit, University of California Irvine

4:47-4:59 pm **Evaluation of a structured physical activity intervention for whole-child development in preschool: A randomized controlled trial**

Vazou, Spyridoula; Smiley-Oyen, Ann, Iowa State University

Wednesday June 7

**41 Sport and Exercise Psychology - Athletic Performance: Fatigue, Feedback, and Pressure**

Moderator: Diane Gill, University of North Carolina at Greensboro, United States

8:00-8:15 am **Communicating the corrective feedback as legitimate, basic psychological needs and well-being of soccer players: A longitudinal analysis**

Tristan, Jose L.; Barbosa-Luna, Adrian E.; Gonzalez-Gallegos, Alejandra G., Universidad Autonoma de Nuevo Leon; Tomas, Ines, Universitat de Valencia; Lopez-Walle, Jeanette, Universidad Autonoma de Nuevo Leon

8:15-8:30 am **Enhancing adolescent's concentration and creativity: Feedback matters!**

Schmidt, Mirko; Benzing, Valentin, University of Bern

8:30-8:45 am **The Effects of Fatigue on Soccer Passing Performance and the Role of Motivation**

Barte, Jeroen C.M.; Nieuwenhuys, Arne, Radboud University; Geurts, Sabine A.E., Radboud University Nijmegen; Kompier, Michiel A.J., Radboud University

8:45-9:00 am **Perfectionists under pressure: Testing their performance under low and high pressure across different motor tasks**

Geukes, Katharina, Westfaelische Wilhelms-University Muenster; Mundelsee, Lukas; Wiese, Christine, Westfaelische Wilhelms Universitaet-Muenster; Mesagno, Christopher, Federation University Australia; Hanrahan, Stephanie J., University of Queensland; Kellmann, Michael, Ruhr-University Bochum; Back, Mitja D., Westfaelische Wilhelms-University Muenster

9:00-9:15 am **Expert-novice differences in visual behaviour during alpine slalom skiing**

Vansteenkiste, Pieter, Ghent University, Belgium; Decroix, Marjolein; Norjali Wazir, Mohd Rozilee; Zeuwts, Linus; Deconinck, Frederik; Lenoir, Matthieu, Ghent University, Belgium

## 42 Sport and Exercise Psychology - Exercise Performance

Moderator: Christopher Janelle, University of Florida, United States

8:00-8:15 am **Effects of Cognitive Control Exertion and Motor Coordination on Task Self-Efficacy and Muscular Endurance Performance in Children**

Graham, Jeffrey D.; Li, Yao-Chuen; Bray, Steven R., McMaster University; Cairney, John, University of Toronto

8:15-8:30 am **Negative effects of cognitive control exertion on physical endurance performance and muscle activation are attenuated by monetary incentive**

Brown, Denver M.Y.; Bray, Steven R., McMaster University

8:30-8:45 am **Diversity in Group Exercise Contexts: Further Tests of the Kohler Effect**  
 Moss, Omotayo; Mac Intosh, Andrew; Kerr, Norb; Feltz, Deborah, Michigan State University

8:45-9:00 am **Mental fatigue affects perceived exertion in whole-body cardiovascular exercise.**  
 Langvee, Jason; Harris, Sheereen; Brown, Denver; Bray, Steven, McMaster University

9:00-9:15 am **Well-Being Self-Efficacy and Complier Average Causal Effect Estimation: A Substantive-Methodological Synergy**  
 Myers, Nicholas D., Michigan State University; Prilleltensky, Isaac, University of Miami; Hill, Christopher R.; Feltz, Deborah L., Michigan State University

### 43 Motor Learning and Control - Exercise Interventions and Motor Control

Moderator: Karl Newell, University of Georgia, United States

8:00-8:15 am **Exercise intensity may affect variability and complexity of stride time differently.**  
 Wittstein, Matthew; Hadgis, Nicholas; Moisand, Megan, Elon University

8:15-8:30 am **Changes in functional exercise capacity mediate the relationship between assisted cycling cadence and gross motor adaptive behaviors in adolescents with Down syndrome**  
 Holzapfel, Simon D.; Ringenbach, Shannon D.; Cook, Megan R.; Pandya, Sachin, Arizona State University

8:30-8:45 am **Gait Decline in Healthy Aging: Does Accounting for Physical Activity Level the Playing Field?**  
 Ducharme, Scott W.; van Emmerik, Richard E.A., University of Massachusetts, Amherst

8:45-9:00 am **Local stability of center of mass improves from a 10-minute trip-training session**  
 Cone, Brian L.; Kuznetsov, Nikita A., University of North Carolina at Greensboro; Lockhart, Thurmon E., Arizona State University; Rhea, Christopher K., University of North Carolina at Greensboro

9:00-9:15 am **Dynamical Degrees of Freedom in Abdominal Surface Electromyography**  
 King, Adam, Texas Christian University

**44 Motor Development - Gross and Fine Motor Competence and Correlates in Children**

Moderator: Matthieu Lenoir, University of Ghent, Belgium

8:00-8:15 am **Developmental changes in drop-land and drop-land-run decisions in typically developing children**  
 Angulo-Barroso, Rosa M., California State University; Rosales, Marcelo, California State University Northridge; Busquets, Albert, INEFC, University of Barcelona; Romack, Jennifer, California State University Northridge

8:15-8:30 am **A longitudinal analysis of fine motor skill proficiency in Primary School Children**  
 Issartel, Johann; Gaul, David, Dublin City University

8:30-8:45 am **Establishing the Microsoft Kinect as a fundamental movement skill observation tool**  
 Ward, Brodie J.; Rosenberg, Michael; Thornton, Ashleigh L.; Lay, Brendan S., University of Western Australia

8:45-9:00 am **The importance of accuracy in overweight and underweight children's perceived motor competence for future physical activity**  
 Utesch, Till; Dreiskaemper, Dennis; Naul, Roland; Geukes, Katharina, University of Muenster

9:00-9:15 am **Multiple roads lead to San Diego: Effects of a motor skill vs. fitness intervention on motor skill development and executive function in kindergarten children**  
 Schott, Nadja; Schuhmacher, Benjamin; Holfelder, Benjamin, University of Stuttgart

**45 Motor Learning and Control - Prediction and Anticipation**

Moderator: Digby Elliot, McMaster University, Canada

8:00-8:15 am **Effect of concurrent hand movement on prediction motion**  
 Zheng, Ran; Maraj, Brian, University of Alberta

8:15-8:30 am **Identifying the critical relative motion information to recognize patterns in dynamic displays consisting of multiple objects**  
 North, Jamie S., St Mary's University, Twickenham, London; Hope, Ed, Liverpool John Moores University; Williams, A. Mark, University of Utah

8:30-8:45 am **Anticipatory awareness of action in adults diagnosed with Developmental Coordination Disorder**  
 Deconinck, Frederik J.A., Ghent University, Belgium; Verhaeghe, Aron; Degroote, Laurent, Ghent University, Belgium

8:45-9:00 am **Effector transfer effects in motor simulation during action prediction**  
 Mulligan, Desmond; Chan, Brennan; Kuehne, Mareike; Hodges, Nicola J., University of British Columbia

9:00-9:15 am **Contextual Information in Anticipation Performance: A Novel Test of Cognitive Load Theory**  
 Runswick, Oliver R.; Roca, Andre, St Mary's University, Twickenham, London; Williams, A. Mark, University of Utah; McRobert, Alistair P., Liverpool John Moores University; Bezodis, Neil E., Swansea University; North, Jamie S., St Mary's University, Twickenham

**48 Sport and Exercise Psychology - Coach-Athlete Relationships: Global and Effective Coaching Practices**

Organizer: Gordon Bloom, McGill University, Canada

Discussant: Wade Gilbert, California State University, Fresno, United States

Moderator: Travis Dorsch, Utah State University, United States

11:15 am -11:17 am **Introduction**  
 Bloom, Gordon A.

11:18 am -11:33 am **Coach-athlete relationship quality as a gauge of coaching effectiveness**  
 Jowett, Sophia, Loughborough University

11:34 am -11:49 am **High performance coaches' perspectives on managing difficult athletes**  
 Bloom, Gordon A.; Heelis, Liam; Caron, Jeffrey G., McGill University

11:50 am -12:05 pm **Emotional intelligence as a predictor of conflict responses and coach-athlete relationship quality**  
 Wachsmuth, Svenja; Jowett, Sophia; Harwood, Chris, Loughborough University

12:05 pm -12:20 pm **Coach support and the injured athlete: Are athletes' getting what they need?**  
 Podlog, Leslie, University of Utah

**49 Sport and Exercise Psychology - Exercise Promotion**

Moderator: Deborah Feltz, Michigan State University, United States

11:15 am -11:30 pm **How Pokemon Makes People GO: Incentive Apps and Physical Activity**  
 Utesch, Till; Mentzel, Stijn V.; Dreiskaemper, Dennis; Tietjens, Maike, University of Muenster; Hinkley, Trina; Barnett, Lisa M., Deakin University

11:30 am -11:45 am **Will you go farther with Pokemon Go?: Walking for Leisure Versus During the Game**  
 Locke, Sean, University of British Columbia; Gierc, Madelaine S.H.; Brawley, Lawrence R., University of Saskatchewan

11:45 am -12:00 pm **The Effects of A Charitable Cause on Physical Activity Motivation**  
 Gurleyik, Duygu; Feltz, Deborah L., Michigan State University

12:00 pm -12:15 pm **Compensation following HIIT training in women: A tale of two interventions.**  
 Wadsworth, Danielle D.; Rodriquez, Mynor G.; Foote, Shelby J., Auburn University

12:15 pm -12:30 pm **Physical Activity Promotion in the Spinal Cord Injury Population: Potential Impact of Pain and Mode of Mobility** Todd, Kendra R.; Shaw, Robert B.; Martin Ginis, Kathleen A.; University of British Columbia

50 **Motor Learning and Control - Sleeping on the Motor Engram: The Multifaceted Nature of Sleep-Related Motor Memory Consolidation**

Organizer: Genevieve Albouy, KU Leuven, Belgium

Discussant: Bradley R. King, KU Leuven, Belgium

Moderator: Bob Christina, University of North Carolina at Greensboro, United States

11:15 am -11:30 am **Enhancing performance across the healthy adult lifespan: Behavioral and neural correlates of sleep-facilitated motor sequence memory consolidation**  
 Albouy, Genevieve; King, Brad, KU Leuven

11:30 am -11:45 am **Neuroplasticity and sleep-related consolidation: Insights from motor imagery practice**  
 Debarnot, Ursula, University Claude Bernard Lyon; Schwartz, Sophie, University of Geneva; Guillot, Aymeric, University Claude Bernard Lyon

11:45 am -12:00 pm **Specificity of sleep spindles in motor memory consolidation**  
 Boutin, Arnaud, University of Montreal

12:00 pm -12:15 pm **The impact of sleep on gross motor learning / adaptation**  
 Hoedlmoser, Kerstin, University of Salzburg

**51 Motor Development - Parental and Socio-cultural Influences on Actual & Perceived Motor competence**

Moderator: Jody Jensen, The University of Texas at Austin, United States

11:15 am -11:30 am **Motor competence in children from an Asian-Australian background compared to children from an English-speaking (European) background**

Rudd, James, Liverpool John Moores; Strugnell, Claudia A., Deakin University; Telford, Rohan M.; Telford, Richard D., University of Canberra; Olive, Lisa S.; Barnett, Lisa M., Deakin University

11:30 am -11:45 am **Cross-cultural assessment and comparison of motor competence in 5- and 6-year-old children from Belgium and Greece using the BOT-2 SF: A critical look at potential country and gender differences.**

D'Hondt, Eva, Vrije Universiteit Brussel; Venetsanou, Fotini, National and Kapodistrian University of Athens; Kambas, Antonis, Democritus University of Thrace; Lenoir, Matthieu, Ghent University, Belgium

11:45 am -12:00 pm **Parents and the Pygmalion Effect: Exploring relations between parent efficacy beliefs and children's fundamental movement skills**

Clancy, Carolyn; Jackson, Ben; Dimmock, James A.; Thornton, Ashleigh L., The University of Western Australia

12:00 pm -12:15 pm **Parents as Early Teachers of Motor Skill**

Haywood, Kathleen M.; Salman, Ibtihal D., University of Missouri-St. Louis

12:15 pm -12:30 pm **Who can best report on children's actual motor skill competence: children, parents or teachers?**

Estevan, Isaac; Molina-García, Javier; Álvarez, Octavio, University of Valencia; Barnett, Lisa M., Deakin University

**52 Motor Learning and Control - Lower Limb Motor Control**

Moderator: Jeffrey Haddad, Purdue University, United States

11:15 am -11:30 am **Convergent validity of metrics provided by a portable gait assessment protocol**

Kuznetsov, Nikita A., University of North Carolina at Greensboro; Robins, Becca K., Temple University; Jakiela, Jason; Lojacono, Chanel; Ross, Scott, University of North Carolina at Greensboro; MacPherson, Ryan, Cincinnati Children's Hospital; Long, Ben, ReverbNation; Haran, Jay, Naval Submarine Medical Research Laboratory; Wright, William G., Temple University; Rhea, Christopher K., University of North Carolina, Greensboro

11:30 am -11:45 am **Alteration of gait characteristics during music listening: The role of emotion and rhythm**  
 Park, Kyoung Shin; Lee, Hyokeun, University of Florida; Fawver, Bradley, University of Utah; Hass, Chris J.; Janelle, Christopher M., University of Florida

11:45 am -12:00 pm **Peripheral Component of Reaction Time on the Lower Extremity Related to Fall Risk in the Female Elderly**  
 Li, Zongtao, Qufu Normal University; Lai, Qin, Wayne State University

12:00 pm -12:15 pm **Can young healthy adults walk randomly?**  
 Russell, Daniel M., Old Dominion University; Thomas, Kathleen S., Norfolk State University; Morrison, Steven, Old Dominion University

12:15 pm -12:30 pm **Motor control and balance bikes**  
 Kavanagh, Jennifer; Issartel, Johann; Moran, Kieran, Dublin City University

**54 Sport and Exercise Psychology - Nonverbal behavior and person perception in sports**

Organizer: Philip Furley, German Sport University, Cologne & Mirko Wegner, University of Bern, Switzerland

Discussant: Philip Furley, German Sport University, Cologne

Moderator: Sophia Jowett, Loughborough University, United Kingdom

2:00-2:05 pm **Symposium Overview**  
 Furley, Philip A., German Sport University Cologne; Wegner, Mirko, University of Bern

2:06-2:18 pm **Nonverbal behavior in sport: An evolutionary perspective**  
 Furley, Philip A., German Sport University Cologne; Schweizer, Geoffrey, University of Heidelberg

2:18-2:30 pm **The implicit power motive helps identifying nonverbal sport behavior**  
 Wegner, Mirko, University of Bern; Furley, Philip, German Sport University Cologne; Schweizer, Geoffrey, University of Heidelberg

2:30-2:42 pm **On top of the rock? Effects of penalty takers' body language on impression formation, gaze behavior and goalkeepers' anticipation performance in soccer**  
 Bijlstra, Gijs, Radboud University; Smeekens, Marjam; Nieuwenhuys, Arne, Radboud University Nijmegen

- 2:42-2:54 pm **Reputation bias in football players' and coaches' judgments of refereeing competence**  
 Oldfield, Luke; Manley, Andrew J., Leeds Beckett University;  
 Thelwell, Richard, University of Portsmouth

**55 Sport and Exercise Psychology - Physical Activity Predictors**

Moderator: Katie Gunell, Children's Hospital of Eastern Ontario Research Institute, Canada

- 2:00-2:15 pm **Metacognition and physical activity in older adults: a discriminant analysis**  
 Andre, Nathalie, University of Poitiers; Ferrand, Claude, University of Tours; Albinet, Cedric, Institut National Universitaire Champollion; Audiffren, Michel, University of Poitiers

- 2:15-2:30 pm **Employing the Reflective-Impulsive Model to predict a spontaneous physical activity behavior**  
 Daou, Marcos; Sassi, Julia Montagner; Lohse, Keith R.; Miller, Matthew W., Auburn University

- 2:30-2:45 pm **Identifying Predictors of Intentions to Implement Inclusive Physical Education**  
 Tristani, Lauren; Bassett-Gunter, Rebecca, York University;  
 Tomasone, Jennifer, Queens University

- 2:45-3:00 pm **Are Physical Education Experiences Associated with Physical Activity Attitudes and Intentions in Adulthood?**  
 Ladwig, Matthew A.; Ekkekakis, Panteleimon, Iowa State University

- 3:00-3:15 pm **#Motivation: Examining motivational aspects of, and physical activity associations with, fitness-related social media activity**  
 Tapia, Oddessa A.; Cesena, Michael Ryan; Ely, Frank O.; Mouat IV, James C.; Ylanan, Ryan S.; O, Jenny, California State University East Bay

**56 Motor Learning and Control - Motor Control in Special Populations**

Moderator: Quincy Almeida, Wilfrid Laurier University, Canada

- 2:00-2:15 pm **Lower extremity motor function improved after cycling in stroke survivors**  
 Holzapfel, Simon D.; Szeto, Monica; Ringenbach, Shannon D.; Lopez, Corinna, Arizona State University

- 2:15-2:30 pm **Does complex skill practice transfer to simpler skills for the weaker arm after stroke?**  
 Kantak, Shailesh, Moss Rehabilitation Research Institute

2:30-2:45 pm **Motor-cognitive interference in dual task mobility: allocation of resources in PD patients**  
 Schott, Nadja; Klotzbier, Thomas; Pley, Christina; Uhl, Anna-Lena; Sanftmann, Beate, University of Stuttgart; Almeida, Quincy J., Movement Disorders Research & Rehabilitation Centre, Wilfrid Laurier University, Waterloo

2:45-3:00 pm **Comparing the Influence of Cognitive, Sensorimotor, and Limbic Triggers of Freezing of Gait in Parkinson's Disease**  
 Chow, Rebecca, Wilfrid Laurier University; Tripp, Bryan, University of Waterloo; Almeida, Quincy J., Wilfrid Laurier University

3:00-3:15 pm **Attentional focus effects in children with visual impairments**  
 McNamara, Scott W.T.; Becker, Kevin A.; Silliman-French, Lisa, Texas Woman's University

**57 Motor Development - Research on Typically and Atypically Developing Infants**

Moderator: Beverly Ulrich, University of Michigan, United States

2:00-2:15 pm **Infants at high-risk for ASD exhibit longer fixation durations than infants at low-risk**  
 Averhoff, Alyssa; Motz, Zach; Wickstrom, Jordan; Kyvelidou, Anastasia, University of Nebraska at Omaha

2:15-2:30 pm **Influence of reaching on 7-month-old infants' visual attention**  
 Wiener, Rebecca F.; Corbetta, Daniela, University of Tennessee Knoxville

2:30-2:45 pm **Sitting Postural Sway of 12-Month-Old Infants at Low and High Risk of Autism Spectrum Disorder**  
 Arnold, Amanda J.; Harris, Rachel C.; Liddy, Joshua J.; Schwichtenberg, A.J.; Claxton, Laura J., Purdue University

2:45-3:00 pm **Capturing Infant Naturalistic Use of Postures Using Network Analysis: A Longitudinal Study**  
 Thurman, Sabrina L.; Corbetta, Daniela, University of Tennessee Knoxville

**58 Motor Development - Motor Development in Adolescence & Young Adulthood**

Moderator: Nancy Getchell, University of Delaware, United States

2:00-2:15 pm **Does competency in lifelong physical activity skills predict physical activity and health-related fitness in Australian adolescents?**

Hulteen, Ryan M., University of Newcastle; Barnett, Lisa M, Deakin University; Morgan, Philip J., University of Newcastle; Robinson, Leah E., University of Michigan; Wrotniak, Brian H., D'Youville College; Lubans, David R., University of Newcastle

2:15-2:30 pm **Engaging Teachers, Motivating Students: A Pilot Cluster Randomised Controlled Trial to Improve Fundamental Movement Skill Proficiency in Pre-Adolescent Girls**

Lander, Natalie, Deakin University; Morgan, Philip, Newcastle University; Salmon, Jo; Barnett, Lisa, Deakin University

2:30-2:45 pm **Age-related differences in generalizing motor sequence learning depend on the sequence structure**

Du, Yue; Clark, Jane E., University of Maryland, College Park

2:45-3:00 pm **Longitudinal growth rates and gross motor proficiency in Canadian middle school boys and girls**

Sheehan, Dwayne; Lienhard, Karin, Mount Royal University

3:00-3:15 pm **The relationship between Supine-to-Stand and health-related fitness in young adults**

Nesbitt, Danielle R., University of South Carolina; Molina, Sergio L., Missouri Western State University; Robinson, Leah E., University of Michigan; Brian, Ali; Stodden, David F., University of South Carolina

## 59 Sport and Exercise Psychology - Athletic Performance

Moderator: Joan Duda, University of Birmingham, United Kingdom

3:30-3:45 pm **Concussed athletes' psychological readiness to return to sport**

Caron, Jeffrey G.; Bloom, Gordon A., McGill University; Podlog, Leslie, University of Utah

3:45-4:00 pm **The relationships between trait self-control and health, academic and athletic behaviors among college athletes: A prospective study**

Stapleton, Jessie N., Missouri Baptist University; Josephs, Molly V., Southern Illinois University Edwardsville

4:00-4:15 pm **Challenge and Threat Appraisals as Mediators of the Link Between Autonomous versus Controlling Reasons Underlying Mastery-approach Goal Pursuit and Athletic Performance**

Delrue, Jochen, Ghent University, Belgium; Mouratidis, Athanasios, Hacettepe University, Ankara; Haerens, Leen; Gevaert, Kimberly, Ghent University, Belgium; Broek, Gert Vande, KU Leuven; Vansteenkiste, Maarten, Ghent University, Belgium

4:15-4:30 pm **Ironic or Overcompensating Error in Golf Putting: The Importance of Attention Imbalance**

Liu, Sicong; Meir, Gily; Boiangin, Nataniel; Cologgi, Kimberly; Lebeau, Jean-Charles; Basevitch, Itay; Tenenbaum, Gershon, Florida State University

4:30-4:45 pm **Peripheral perception as discriminant factor of tactical behavior efficiency of youth soccer players**

Andrade, Marcelo, Universidade Federal de Vicosa; Teoldo, Israel, Universidade Federal de Vicosa

## 60 Sport and Exercise Psychology - Exercise Motivation

Moderator: Kathleen Martin-Ginis, University of British Columbia, Canada

3:30-3:45 pm **Success Dynamics in Physical Education: Application of Basic Psychological Needs Theory**

Garn, Alex C., Louisiana State University; Centeio, Erin E.; McCaughtry, Nate, Wayne State University

3:45-4:00 pm **Self-Determination Theory's Triple-Process Model to Explain Adaptive and Maladaptive Functioning**

Reeve, Johnmarshall, Korea University; Cheon, Sung Hyeon, Kangwon University

4:00-4:15 pm **A healthy choice: Autonomy support within an exercise session influences post-exercise food consumption**

Beer, Natalya; Guelfi, Kym J.; Dimmock, James A.; Jackson, Ben, The University of Western Australia

4:15-4:30 pm **Predicting exercise motivation and exercise behavior: A conditional process model testing the interaction between perceived variety and basic psychological needs satisfaction in exercise.**

Sylvester, Benjamin, The University of Toronto; Curran, Thomas, Bath; Standage, Martyn, Bath University; Sabiston, Catherine, University of Toronto; Beauchamp, Mark, University of British Columbia

4:30-4:45 pm **Training Group Exercise Class Instructors to Adopt a Motivationally-Adaptive Communication Style: A feasibility/pilot study**

Ntoumanis, Nikos; Thogersen-Ntoumani, Cecilie; Quested, Eleanor, Curtin University; Hancox, Jennie, University of Nottingham

## 61 Motor Learning and Control - Neuroscience Perspective

Moderator: Stephan Panzer, Saarland University

3:30-3:45 pm **The role of primary motor cortex on consolidation during motor sequence learning**

Chen, Jing; McCulloch, Austin; Park, Inchon; Buchanan, John J.; Kim, Taewon; Wright, David L., Texas A & M University

3:45-4:00 pm **Prefrontal cortex activation during sequence learning under high and low levels of contextual interference: A two-channel near-infrared spectroscopy study**

Immink, Maarten A., University of South Australia; Marino, Frank; Pointon, Monique, Charles Sturt University; Wright, David L., Texas A & M University

4:00-4:15 pm **Examining the role of interhemispheric inhibition of primary motor cortex on subsequent consolidation of sequence learning**

Chen, Jing; Kim, Hakjoo; Johnson, Brandon; Wright, David L., Texas A&M University

4:30-4:45 pm **Analogy instructions promote neural efficiency during performance of a push pass in field hockey**

van Duijn, Tina, University of Waikato; Hoskens, Merel, Vrije Universiteit Amsterdam; W. Masters, Rich S., University of Waikato

4:15-4:30 pm **The effects of an external focus of attention on brain activation during acquisition and retention**

Diekfuss, Jed A.; Slutsky, Alexis B., University of North Carolina at Greensboro; Grooms, Dustin R., The Ohio State University; Schmitz, Randy J.; Raisbeck, Louisa D., The University of North Carolina at Greensboro

## 62 Motor Development - Motor Development in Obese Children & Children with Special Needs

Moderator: Dale Ulrich, University of Michigan, United States

3:30-3:45 pm **Influence of High and Low Autonomy-Supportive Climates on Physical Activity in Children with and without Developmental Disability**

Johnson, Jerraco Leontae; Miedema, Benjamin; Pangelinan, Melissa G.; Converse, Brooke; Bridges, Claire; Irwin, Jacqueline M.; Buchanan, Alice; Rudisill, Mary E., Auburn University

3:45-4:00 pm **Triaxial physical activity in young children with and without motor coordination difficulties**

King-Dowling, Sara; Wellman, Sarah; Le, Tuyen; Rodriguez, Christine; Timmons, Brian W., McMaster University; Cairney, John, University of Toronto

4:00-4:15 pm **Motivations for participation in physical activity and movement interventions for children and adolescents with cerebral palsy: A systematic review**

Bridges, Claire E.; Pangelinan, Mary E.; Pangelinan, Melissa E., Auburn University

4:15-4:30 pm **Are morphological brain differences associated with motor difficulties in obese children?**

Augustijn, Mireille J.C.M., Ghent University, Belgium; Deconinck, Frederik J.A., Ghent University, Belgium; D'Hondt, Eva, Vrije Universiteit Brussel; Lenoir, Matthieu, Ghent University, Belgium; Caeyenberghs, Karen, Australian Catholic University

4:30-4:45 pm **Executive function and motor function in obese children**

Augustijn, Mireille J.C.M., Ghent University, Belgium; D'Hondt, Eva, Vrije Universiteit Brussel; Lenoir, Matthieu, Ghent University, Belgium; Caeyenberghs, Karen, Australian Catholic University; Deconinck, Frederik J.A., Ghent University, Belgium

### 63 Motor Learning and Control - Upper Limb Motor Control

Moderator: Howard Zelaznik, Purdue University, United States

3:30-3:45 pm **Movement-related cortical potentials of the bilateral deficit in dominant left- and right-handers**

Panzer, Stephan; Leinen, Peter, Saarland University; Shea, Charles H., Texas A & M University

3:45-4:00 pm **Unilateral and bilateral arm-hemisphere specializations and task specific modulation of the motor system**

Woytowicz, Elizabeth J.; Whitall, Jill; Westlake, Kelly P., University of Maryland School of Medicine

- 4:00-4:15 pm **Between and Within-Conditions Trade-Off in a Movement Speed-Accuracy Task**  
Pacheco, Matheus Maia, The University of Georgia; Hsieh, Tsung-Yu, National Taiwan Normal University; Newell, Karl M., The University of Georgia
- 4:15-4:30 pm **Experience with event timing does not alter emergent timing: further evidence for the robustness of event and emergent timing**  
Studenka, Breanna E.; Pope, Megan; Cummins, Daisha, Utah State University
- 4:30-4:45 pm **Increasing the Precision Demands of a Finger Force Production Task Leads to Reductions in Task-Relevant Motor Variability**  
Liddy, Joshua J.; Haddad, Jeffrey M.; Ambike, Satya, Purdue University

June 5, 2017

22 Poster Session #1

Topic **Motor Development**

Moderator Jackie Goodway, Ohio State University, United States; Mary Rudisill, Auburn University, United States

1 **Motor, but not cognitive ability, is associated to movement imagery capacity in children**

*Fuchs, Chadwick; Hudson, Susan; Young, Jessica; Cacola, Priscila, University of Texas at Arlington*

2 **Gross Motor Skills in Toddlers: Prevalence and sex differences**

*Veldman, Sanne L.C.; Sousa-Sa, Eduarda; Jones, Rachel A.; Santos, Rute; Okely, Anthony D., University of Wollongong*

3 **Parental perception of potential Developmental Coordination Disorder and children's actual motor ability**

*Luciana, Ferreira; Vieira, Jose LL; Silva, Pamela N.; Rocha, Francielli F.; Cheuczuk, Francielle, Maringa State University; Cacola, Priscila M., University of Texas at Arlington*

4 **The relationship between fundamental motor skills and levels of physical activity is mediated by children perceived competence?**

*Zanella, Larissa W.; Bandeira, Paulo F.; de Souza, Mariele Santayana; Nobre, Glauber C., Universidade Federal do Rio Grande do Sul; Sartori, Rodrigo, Universidade Federal do Rio Grande do Sul and Pontificia Universidade Católica do Rio Grande do Sul; Valentini, Nadia C., Universidade Federal do Rio Grande do Sul*

5 **Look and reach behaviors in 9-month-old infants: Comparing between eye-trackers**

*Connell, John P., University of Tennessee, Knoxville; DiMercurio, Abigail; Romano, Alexandra C., University of Tennessee Knoxville; Reynolds, Greg, University of Tennessee, Knoxville; Corbetta, Daniela, University of Tennessee Knoxville*

6 **Measuring School-Day Physical Activity using Ankle Accelerometry in Preschoolers: A Pilot Study**

*Palmer, Kara K.; Colabianchi, Natalie; Chinn, Katherine M.; Robinson, Leah E., University of Michigan*

7 **Relationship between Cognitive Level and Sitting Posture in Infants at low and high risk for ASD**

*Wehrle, Lauren; Wickstrom, Jordan; Motz, Zachary; Kyvelidou, Anastasia, University of Nebraska at Omaha*

## NASPSPA Posters

- 8 **Preschool teachers' readiness for promoting gross motor competence and physical activity in young children: An observational study**  
*Pennell, Adam; Brian, Ali; Schenkelberg, Michaela; Sacko, Ryan, University of South Carolina*
- 9 **6-8-Year-Old Children's Posture is Similar While Viewing Social and Non-Social Stimuli**  
*Wickstrom, Jordan; Averhoff, Alyssa; Wehrle, Lauren; Kyvelidou, Anastasia, University of Nebraska at Omaha*
- 10 **The effect of physical activity on perceived competence: A meta-analysis**  
*Salazar, Pamela; Jimenez, Judith, University of Costa Rica; Morera, Maria, National University*
- 11 **Investigating Expert vs. Rater Consensus Agreement, Inter and Intra-Rater Reliability of Two Fundamental Movement Skills for the Locomotor Subscale of the FG-COMPASS**  
*Perez, Lino; Ovande, Jr., Ovande, California State University Northridge*
- 12 **Impact of a psychomotor program intervention on children presenting writing disabilities**  
*Melo, Filipe, University of Lisbon; Sieres, Rita, CERCISA*
- 13 **The moderating effects of physical activity and global self-worth on the relationship between Developmental Coordination Disorder and internalizing problems**  
*Li, Yao-Chuen; Graham, Jeffery D., McMaster University; Cairney, John, University of Toronto*
- 14 **The influence of manual dexterity ability in visual motor integration and handwriting skills of 5-year-olds**  
*Cacola, Priscila M.; Butler, Christi, University of Texas at Arlington*
- 15 **Acquisition of the Anti-Phase Pattern in Bimanual Coordination: Role of Frequency of Oscillation**  
*Pacheco, Matheus Maia, The University of Georgia; Brakke, Karen, Spelman College*
- 16 **Pupil dilation, motor imagery and cognitive load**  
*Cordova, Alberto; Camargo, Elena; Land, William; Yao, Wan Xiang, University of Texas - San Antonio*
- 17 **Investigating the construct of motor competence in middle childhood**  
*Bardid, Farid, University of Strathclyde; Utesch, Till, University of Muenster; Lenoir, Matthieu, Ghent University, Belgium*
- 18 **Can children do what they think they can? The influence of performance level on the accuracy of perceived motor competence in childhood**  
*Cordovil, Rita, Universidade de Lisboa; Almeida, Gabriela, Universidade de Evora; Luz, Carlos, Instituto Politécnico de Lisboa; Rodrigues, Luis Paolo, Instituto Politécnico de Viana do Castelo*

NASPSPA Posters

- 19 **The relationship between physical activity and motor development in infants with and without Down syndrome**

*Ulrich, Dale A.; Pitchford, Edward A.; Ketcheson, Leah R., University of Michigan*

- 20 **Enhanced Object Manipulative Skills Physical Education Programming for Third Grade Girls in a Canadian Elementary School**

*Sheehan, Dwayne, Mount Royal University; Sheehan, Sonia, Foundations for the Future Charter Academy; Johnson, Emily, Mount Royal University*

- 21 **Developing New Protocols To Test Fundamental Movement Skills - A Necessity?**

*Issartel, Johann; McGrane, Bronagh; Belton, Sarahjane, Dublin City University*

- 22 **The Perceived Motor Competence Questionnaire in Childhood (PMC-C)**

*Dreiskaemper, Dennis; Utesch, Till; Tietjens, Maike, University of Muenster*

- 23 **Auditory and visual cues in sequence learning: comparing typically developing children and adults**

*Duna, Kayla V.; Glazebrook, Cheryl M.; Passmore, Steven; Wittmeier, Kristy, University of Manitoba*

- 24 **Family Day Care Providers' Proxy Report of Pre-schoolers' Motor Skill Competence**

*Figueroa, Roger; Wiley, Angela, University of Illinois at Urbana-Champaign*

Topic **Motor Learning and Control**

Moderator Louisa Raisbeck, University of North Carolina-Greensboro, United States

- 31 **Offline process during initial acquisition of motor sequences is not an artifact of fatigue**

*Du, Yue; Clark, Jane E., University of Maryland, College Park*

- 32 **Ataxia-related challenges in control of compensatory stepping during balance perturbation in patients with cerebellar disease**

*Park, Jin-hoon; Lim, Changha, Korea University*

- 33 **Thinking outside the block: External focus shortens reaction times in collegiate sprinters.**

*Kovacs, Attila J.; Miles, Garrett F.; Ross, Kimberly; Reineke, Rebekka, University of Wisconsin - La Crosse; Baweja, Harsimran S., San Diego State University*

- 34 **Examining a motor learning paradigm: To teach or not to teach**

*Rhoads, Jence A.; Daou, Marcos; Dyke, Ford B.; Lohse, Keith R.; Miller, Matthew W., Auburn University*

- 35 **The observation of three different model types show the same levels of consolidation in the learning of a novel motor skill**

*Moore, Clara; Ste-Marie, Diane M., University of Ottawa*

- 36 **Is the ability to learn encoded in the resting brain?**

*Hooyman, Andrew; Kutch, Jason; Babikian, Sarine; Winstein, Carolee, University of Southern California*

- 37 **Error estimation enhances skill acquisition when learners do not control their feedback schedule**

*Barros, Joao A.; Nestor, Jacob; Mendoza, Robert; Torres, Lesley; Dillon, Natalie; Venegas, Mark, California State University Fullerton*

- 38 **Examining Student Engagement and Learning in a Mobile Technology Enhanced Motor Behavior Class**

*Petranek, Laura J., Boise State University*

- 39 **Increased autonomy facilitates learning in a self-control protocol**

*Deel, Nicole M.; Geddes, Helen M.; Aiken, Christopher A., Alma College*

- 40 **Preparation of timing structure involves two distinct sub-processes**

*Maslovat, Dana; Chua, Romeo, University of British Columbia; Klapp, Stuart T., California State University East Bay; Forgaard, Christopher J.; Franks, Ian M., University of British Columbia*

- 41 **Off-line consolidation in learning a novel bimanual coordination skill**

*Park, Inchon; McCulloch, Austin; Buchanan, John J., Texas A&M University*

- 42 **Tactic knowledge in Handball**

*Schack, Thomas, Bielefeld University; Lex, Heiko, Rostock University; Froebel, Tobias; Vogel, Ludwig, Bielefeld University*

- 43 **Effect of Foreperiod Regularity on Fractionated Reaction Time**

*Benedict, Ronald J.; Lai, Qin, Wayne State University*

- 44 **Allocentric perception of model image during right-and-left spatial discrimination tasks**

*Ishikura, Tadao, Doshisha University*

- 45 **Does the Part Sequence Cuing Effect Exist in Recalling a Serial Motor Skill?**

*Chen, David D.; Polic, Nicola; Lam, Kevin; Togia, Brelani, California State University Fullerton*

- 46 **Adaptive changes in running kinematics as a function of head stability demands and their effect on shock transmission**  
*Lim, Jongil; Busa, Michael A.; A. van Emmerik, Richard E.; Hamill, Joseph, University of Massachusetts at Amherst*
- 47 **Insufficient reporting of control therapies in stroke rehabilitation trials: A systematic-review and meta-analysis.**  
*Lohse, Keith; Pathania, Anupriya; Wegman, Rebecca, Auburn University; Boyd, Lara A., University of British Columbia; Lang, Catherine E., Washington University School of Medicine in St. Louis*
- 48 **Does the dimension (2D or 3D) of a visual presentation influence RT and MT in an imitation task?**  
*Buchanan, John; McCulloch, Austin; Muthukumaraswamy, Sivakumar; Banerjee, Amarnath, Texas A&M University; Robson, Nina, California State University Fullerton*
- 49 **Dyslexic children can modulate body sway in reading conditions**  
*Razuk, Milena; Barela, Jose Angelo, Cruzeiro do Sul*
- 50 **Neuromotor ability metrics exhibit similar occurrence of significant correlations within and between testing domains**  
*Wittstein, Matthew; Anzola-Riegel, Carolina; Waller, Rachel, Elon University*
- 51 **Clarinetist's choice: Should instrument selection be based on player size?**  
*Winges, Sara A.; Young, Kathryn E., Louisiana State University*
- 52 **The effects of self-control on the learning of a graphical aiming task**  
*Luzar, Ben W.; Cameron, Laura G.; Aiken, Christopher A., Alma College*
- 53 **Diving Deeper Into Essential Oils**  
*Avans, Diana E; Dacquay, Cedric; Carter, Keri, Vanguard University*
- 54 **Effects of task and contextual constraints on place kicking performance at the 2015 Rugby World Cup**  
*Pocock, Chris, St Mary's University, Twickenham, London; Bezodis, Neil E., Swansea University; Davids, Keith, Sheffield Hallam University; North, Jamie S., St. Mary's University, Twickenham, London*
- 55 **The effect of practice on muscle activity in recumbent stepping**  
*Siekirk, Nicholas; Galen, Sujay; Pardo, Victoria; Lai, Qin, Wayne State University*

56 **Physiological stress differentially impacts target detection of men and women**  
*Duarte, Antonio F.A., Brazilian Army Physical Training Center; Fawver, Bradley, University of Utah; Wright, Allison; Beatty, Garrett F.; Janelle, Christopher M., University of Florida*

57 **Infants' attraction for water: A dangerous play**  
*Burnay, Carolina, Edith Cowan University; Cordovil, Rita, University of Lisbon; Button, Chris, University of Otago; Croft, James, Edith Cowan University*

58 **Postural control adaptations in people who participate in boarding sports**  
*Sansom, Jennifer K.; Lomond, Karen V., Central Michigan University*

59 **The relationship between movement variability and movement proficiency in fundamental movement skills**  
*Ward, Brodie J.; Rosenberg, Michael; Thornton, Ashleigh L.; Lay, Brendan S., University of Western Australia*

60 **Exoskeleton augmentation does not compromise user safety during performance of common industrial tasks**  
*Hondzinski, Jan M.; Ikuma, Laura; Queiroz, Marcio de; Wang, Chao, Louisiana State University*

61 **Gaze direction and foot sensation influence foot placement during goal-directed stepping**  
*Celestine, Shyrece D.; Donze, Victoria G.; Bellingham, Nicholas J.; Buie, Keenan J.; Hondzinski, Jan M., Louisiana State University*

62 **Trajectory analysis of pointing movements: how many trials are needed for reliable data?**  
*Blinch, Jarrod, Texas Tech University; Chua, Romeo, University of British Columbia; Kim, Youngdeok, Texas Tech University*

Topic **Sport and Exercise Psychology**

Moderator Ben Jackson, University of Western Australia, Australia

71 **Within-person influence of self-efficacy on performance across trials based on task objective and task type**  
*Hepler, Teri J., University of Wisconsin - La Crosse; Hill, Christopher R., Michigan State University; Ritchie, Jason, Florida State University; Cole, Alex; Conard, Corissa; Starkey, Kately De; Eisberner, Megan; O'Connor, Emily; Stadler, Amanda; Willger, Megan, University of Wisconsin - La Crosse*

72 **Examining the Complex Relationship between Feedback, Self-Efficacy and Performance**  
*Ouellette, Gene; McPhee, Kathryn, Mount Allison University*

- 73 **The relationship between barrier self-efficacy and physical activity in adolescents: A meta-analytic review**  
*Hill, Christopher R.; Feltz, Deborah L., Michigan State University; Samendinger, Stephen, Drexel University*
- 74 **Hit me with your best shot: Trust in self and automation in golf**  
*Dithurbide, Lori; Neyedli, Heather, Dalhousie University*
- 75 **Investigating the association between burnout and quality of life: Does physical activity moderate the association?**  
*Phillips, Emily Wolfe; Gaudreau, Patrick; Brunet, Jennifer, University of Ottawa*
- 76 **Self-control strength and mindfulness in sport**  
*Stocker, Eva, Institute of Sport Science; Englert, Chris; Seiler, Roland, University of Bern*
- 77 **Positive Illusory Bias in the Physical Domain and Cognitive Functioning among Children with ADHD Symptoms**  
*Oluyedun, Olufemi A.; Smith, Alan L.; Pontifex, Matthew B.; McAlister, Anna; Hauck, Janet L., Michigan State University*
- 78 **Exercise Motivation among College Students using the Self-Determination Theory Approach**  
*Sng, Eveleen; Loprinzi, Paul, University of Mississippi*
- 79 **A Meta-Analytic Review of the Relationship between Social Constructs and Athlete Burnout**  
*Pacewicz, Christine E.; Mellano, Kathleen T.; Smith, Alan L., Michigan State University*
- 80 **The Predictive Power of Mindfulness, Stress Management, and Smart Phone Addiction for Mental Stress In College-Aged Students**  
*Chen, David D., California State University Fullerton; Nguyen, Donald, Columbia University; Fisher, Koren, California State University Fullerton*
- 81 **Changes in mental workload and motor performance during the learning of a novel cognitive-motor task over multiple practice sessions**  
*Jaquess, Kyle J.; Lo, Li-Chuan; Oh, Hyuk; Lu, Calvin; Ginsberg, Andrew, University of Maryland College Park; Tan, Ying Ying, Defense Science and Technology Agency; Hatfield, Bradley D.; Gentili, Rodolphe J., University of Maryland College Park*
- 82 **Replication Study of the Strength & Conditioning Sport Psychology Questionnaire with NCAA Strength & Conditioning Coaches**  
*Moore, E. Whitney G., Wayne State University; Quartiroli, Alessandro, University of Wisconsin, Lacrosse; Zakrajsek, Rebecca A., University of Tennessee Knoxville*

- 83 **Investigating the Impact of Mindfulness as a Unique Form of Associative Attention on Affective Responses to Treadmill Walking**  
*Cox, Anne E.; Cates, Hailey L.; Roberts, Madeline A.; McMahon, Amanda, Washington State University*
- 84 **The influence of training on expertise: Do sport-related performance factors tell us something different?**  
*Dehghansai, Nima, York University; Hopwood, Melissa, Paralympic New Zealand; Baker, Joe, York University*
- 85 **Mental Health Predictors of Sport Enjoyment among Adolescent Female Athletes**  
*Ashdown-Franks, Garcia L.; Sabiston, Catherine M.; Pila, Eva, University of Toronto*
- 86 **The development of a tool to examine parents' goals for their children's participation in organized youth sport: A pilot study**  
*Grimm, Marshall X.; Dorsch, Travis E., Utah State University*
- 87 **An Intervention to Help PE Teachers Offer Intrinsic Teaching Goals in Autonomy-Supportive Ways: Benefits to Students**  
*Cheon, Sung Hyeon, Kangwon National University; Reeve, Johnmarshall, Korea University; Song, YongGwan; Kim, Bo Ram, Kangwon National University*
- 88 **Perceived Preference for and Toleration of Exercise with a Graded Exercise Test**  
*Wittstein, Matthew, Elon University; Barczak, Nikki, University of North Carolina at Chapel Hill; Moisand, Megan; Hadgis, Nicholas, Elon University*
- 89 **Elite athletes in interactive and technique-oriented sports differ regarding their implicit achievement motive**  
*Wegner, Mirko; Hofstetter, Denise; Endtner, Pia; Suter, Rebecca, University of Bern; Schueler, Julia, University of Konstanz*
- 90 **A Preliminary Exploration of Young Athletes' Use of Observation in Aesthetic Sports**  
*Richards, Devyn; Mady, Caleb; Law, Barbi, Nipissing University*
- 91 **Evidence for Differential Effects of Sports-Related Concussion on Subtypes of Cognitive Flexibility**  
*McGowan, Amanda L.; Bretzin, Abigail C.; Savage, Jennifer L.; LaFevor, Meghan E.; Petit, Kyle M., Michigan State University; Beidler, Erica, Duquesne University; Covassin, Tracey M.; Pontifex, Matthew B., Michigan State University*

- 92 **Influence of active transportation to school on daily physical activity: An investigation of children in Northeastern Ontario elementary schools**

*Scharoun, Sara M.; Bruner, Brenda G.; Confesor, Valaine E.; Hay, Dean C.; Karvinen, Kristina H., Nipissing University; Levesque, Lucie, Queen's University; Mantha, Shannon; Mayer, Alex, North Bay Parry Sound District Health Unit; Raymer, Graydon H.; Rickwood, Greg D., Nipissing University*

- 93 **"Walkabouts" integrated physical activities improve inattention, hyperactivity and engagement in the preK-2nd Grade classroom**

*Vazou, Spyridoula; Wille, Madeline; Long, Katharine, Iowa State University; Lakes, Kimberley, University of California Irvine; Whalen, Nicci, Simpson College*

- 94 **The moderating role of the coach-created task-involving motivational climate in the relationships between athletes' perfectionistic striving, perfectionistic concerns and positive reactions to imperfection**

*Appleton, Paul; Duda, Joan, University of Birmingham*

- 95 **The Effects of Acute Exercise Timing and Duration on Long-Term Memory**

*McHone, Ashley; Slutsky, Alexis B.; Kurtz, Kevin; Arunachalam, Sudharani; Labban, Jeffrey D.; Etnier, Jennifer L., University of North Carolina at Greensboro*

- 96 **The Effects of a Fitness Social Media Account on Exercise Motivation**

*Avans, Diana E.; Tabron, Hanna; Handel, Cassie, Vanguard University*

- 97 **The Great Recess Framework: Evidence for an observational tool to measure the quality of recess**

*Massey, William V., Concordia University Wisconsin; Stellino, Megan B., University of Northern Colorado; Mullen, Sean P., University of Illinois; Wilkison, Megan, Concordia University Wisconsin; Claassen, Jennette, Playworks*

- 98 **Group dynamics within cooperative youth environments: A scoping review**

*Petersen, Brennan; Watson, Kody; Eys, Mark, Wilfrid Laurier University; Evans, Blair, Pennsylvania State University*

- 99 **Exerciser Self-Schema Status Moderates Perceived Attractiveness of Exercisers**

*Kendzierski, Deborah A.; Colleluori, Kaitlyn; Dallavecchia, Alessandra, Villanova University*

- 100 **Relationships Among Team communication, Team Efficacy, Coach-Athlete Relationship, and Aggression in Collegiate Athletes**

*Kim, Young-Sook, Korea Institute of Sport Science; Cho, Seongkwan, Texas A&M International University; Choi, Hun-Hyuk, Dankook University; Yoon, Yong-Jin, Yonsei University*

## NASPSPA Posters

- 101 **"It's okay - Not everyone can be good at sports": Implicit ability beliefs and intended coaching interactions with low-skilled youth.**  
*Saville, Paul D., Azusa Pacific University; Fram, Eric A., McMaster University; Gonzalez, Alexis C.; Gonzalez, Ivy R., Azusa Pacific University; Bray, Steve R., McMaster University*
- 102 **Athlete Intimidation: A Reversal Theory Approach**  
*Culpepper, Dean, Texas A&M University-Commerce; Killion, Lorraine, Texas A&M University-Kingsville*
- 103 **Body Image in Division I Male Athletes: Why is Baseball High and Outside?**  
*Killion, Lorraine, Texas A&M University-Kingsville; Culpepper, Dean, Texas A&M University-Commerce*
- 104 **High School Sport Participation and Current College Student Psychosocial Health**  
*Barczak, Nikki; DeFreese, J.D., University of North Carolina at Chapel Hill*
- 105 **Student Athletes' Emotional Experiences Across a High School Basketball Season**  
*Martin, Eric M., Boise State University; Walker, Lauren F.; Gould, Daniel R., Michigan State University*
- 106 **Moderating effects of gender and age within the mechanisms of the self-determination theory process model - Examining exercise motivation in a digital context.**  
*Weman Josefsson, Karin A.; Johnson, Urban, Halmstad University; Lindwall, Magnus ., University of Gothenburg*
- 107 **Does Years of Professional Experience Determine Nutrition and Weight Cutting Behaviors in Professional Mixed Martial Artists?**  
*Henry, Makenna I.; Najera, Stephen; Ede, Allison; Allencar, Michelle; Madrigal, Leilani, California State University Long Beach*
- 108 **Is the development of trust in coach affected by the digital context of communication?**  
*Querfurth, Sydney; Schuecker, Linda; Strauss, Bernd, Westfaelische Wilhelms-University Muenster*
- 109 **Effect of a Five-Week Mindfulness Meditation Training Program on the Level of Anxiety, Cognitive Interference and General Mindfulness in a Division I Women's Volleyball Team**  
*Rodriguez, Chelsea; Chen, David D.; Becker, Andrea; Wiersma, Lenny; Hubbard, Brianna, California State University Fullerton*
- 110 **Do children like what they do? Association between preference and performance on a motor task.**  
*Wazir Norjali Wazir, Mohd Rozilee, Ghent University, Belgium; Pion, Johan, HAN University of Applied Sciences; Deconinck, Frederik; Mostaert, Mireille; De Meester, Ann; Lenoir, Matthieu, Ghent University, Belgium*

- 111 **The fatiguing effect of domain-specific physical exercise on perceptual-cognitive performance**  
*Klotzbier, Thomas; Schott, Nadja; University of Stuttgart*
- 112 **Challenge-oriented acts of followership as a double-edged sword in the leadership process**  
*Benson, Alex J., Nipissing University; Eys, Mark A., Wilfrid Laurier University; Hardy, James T., Bangor University*
- 113 **Sweat so you don't forget: How exercise intensity can moderate the benefit of exercise breaks on learning**  
*Ogrodnik, Michelle; Fenesi, Barbara; Lucibello, Kristen; Kim, Joseph A.; Heisz, Jennifer, McMaster University*
- 114 **Do relative age effects influence exercise participation among high school students**  
*Hendryx, Heidi; Strong, Kyrsten; Hancock, David J.; Indiana University Kokomo*
- 115 **A qualitative assessment of physical activity motivation, barriers, and participation among middle-age Filipino women living in the Greater Philadelphia Area**  
*Bhimla, Aisha; Sachs, Michael; Ma, Grace X.; Salvatore, Gabrielle M.; Trout, Julia, Temple University*

June 6, 2017

37 Poster Session #2

Topic **Motor Development**

Moderator Ting Liu, Texas State University, United States

- 1 **Cortical activity patterns in infants with Down Syndrome during performance of functional motor skills**  
*Harris, Micah; Baur, Katherine, University of Michigan; Nishiyori, Ryota, National Institutes of Health; Meehan, Sean K., University of Michigan*
- 2 **Examining the Relationship between Changes in Motor Competence and Physical Activity Levels after a 3-month Fundamental Motor Skill SKIP Program**  
*Tsuda, Emi; Goodway, Jacqueline D.; Centelles, Aina Cid I.; Woodson, Rebecca R., The Ohio State University; Valdez, Yadira H.; Famelia, Ruri, The Ohio State University*
- 3 **The Influence of Teacher's Knowledge of Instructional Strategies on Throwing Performance of Elementary-aged Children**  
*Chang, Seung Ho, San Jose State University; Goodway, Jacqueline; Ward, Phillip, The Ohio State University; Lee, Jihyun, San Francisco State University; Tsuda, Emi, The Ohio State University*
- 4 **The Role of Growth and Maturity Status on Head Impact Biomechanics among Youth Football Players**  
*Monsma, Eva V.; Yeargin, Susan, University of South Carolina; Kingsley, Payton, Ochner Sports Medicine; Mihalik, Jason, University of North Carolina; Mensch, Jim, University of South Carolina*
- 5 **Comparing Functional Movement Skills between Children with and without Autism Spectrum Disorder**  
*Wu, Sz-Yan; Powell, Christie; Jensen, Jody L., University of Texas at Austin*
- 6 **Association of Functional Movement with Perceived and Actual Motor Skill Competence in Young Adolescents**  
*Coker, Cheryl A.; Collins, Sean M., Plymouth State University*
- 7 **English to Portuguese reverse translation and initial evidence of rater-expert agreement for the FG-COMPASS**  
*Furtado, Ovande, California State University Northridge; Mazzardo, Oldemar, Universidade Estadual do Oeste do Parana; Watanabe, Priscila I.; De Campos, Wagner, Universidade Federal do Parana; Gallagher, Jere D., University of Pittsburgh*

8 **Physical activity levels and body mass index of children and adolescents with asthma diagnosis**

*Zacaron, Daniel, Centro Universitário da Serra Gaúcha - FSG; Dias, Caroline Pieta, Universidade Federal do Rio Grande do Sul - UFRGS; Roncada, Cristian, Centro Universitário da Serra Gaúcha - FSG*

9 **Keep driving! The preliminary results of modified ride-on car (ROC) training and motivation in toddlers with disabilities**

*Huang, Hsiang-han, Chang Gung University, Guishan, Taoyuan, Taiwan; Huang, Hsuan-Wen, Saint Mary's Hospital Luodong, Yilan, Taiwan; Chen, Yi-Mei, Taoyuan Chang Gung Memorial Hospital, Taoyuan, Taiwan; Chen, Chia-Ling, Linkou Chang Gung Memorial Hospital, Taoyuan, Taiwan*

10 **The Effect of Motor Interventions on Motor Competence: A Systematic Review with Meta-Analysis**

*Chaves, Karla; Jimenez, Judith; Salazar, Walter, University of Costa Rica*

11 **Characteristics of temperament and motor performance in Brazilian boys**

*Martins, Aline O.; Copetti, Fernando, Universidade Federal de Santa Maria; Valentini, Nadia C., Universidade Federal do Rio Grande do Sul*

12 **Predictive Validity of the Test of Gross Motor Development -3 for children with visual impairments**

*Haibach-Beach, Pamela S., SUNY Brockport; Brian, Ali; Taunton, Sally, University of South Carolina; Lieberman, Lauren, SUNY Brockport*

13 **The Relationship of Motor Proficiency, Nutrition Knowledge and BMI in Children with Autism Spectrum Disorder**

*Liu, Ting, Texas State University*

14 **Application of Exploratory Structural Equation Modeling to Motor Evaluation: Improving the Construct Validity of the Test of Gross Motor Development - 2nd Edition**

*Garn, Alex C.; Webster, E. Kipling, Louisiana State University*

15 **Clinician perception of actual and recommended dosage of tummy time: a comparison to the literature**

*Adkins, Chelsea M.; Hauck, Janet L., Michigan State University; Wentz, Erin, Upstate Medical University*

16 **Postural Control Differs between Normal Weight and Overweight Infants**

*Dinkel, Danae; Snyder, Kailey, University of Nebraska at Omaha; Molfese, Victoria, University of Nebraska at Lincoln; Kyvelidou, Anastasia, University of Nebraska at Omaha*

- 17 **Postural sway is repetitive in 6 month old infants at high-risk for ASD.**  
*Kyvelidou, Anastasia; Motz, Zachary; Wickstrom, Jordan, University of Nebraska at Omaha*

- 18 **Differences in Early Cognitive and Motor Neurodevelopment by Risk Factors and Underlying Outcomes of Intervention in Brazilian Infants**  
*Valentini, Nadia C.; Saccani, Raquel C.; Pereira, Keila Ruttnig, Universidade Federal do Rio Grande do sul*

Topic **Motor Learning and Control**

Moderator: Breanna Studenka, Utah State University, United States

- 31 **Balance practice with an internal focus increases resting-state connectivity in brain regions associated with balance.**  
*Raisbeck, Louisa D.; Diekfuss, Jed A.; Slutsky, Alexis B., University of North Carolina at Greensboro; Grooms, Dustin R., The Ohio State University; Schmitz, Randy J., University of North Carolina at Greensboro*

- 32 **The Influence of Integrated Feedback on Interpersonal and Intrapersonal Coordination**  
*Kennedy, Deanna; Shea, Charles H., Texas A & M University*

- 33 **A single session of external focus balance training changes resting-state brain connectivity.**  
*Raisbeck, Louisa D.; Diekfuss, Jed A.; Slutsky, Alexis B., University of North Carolina at Greensboro; Grooms, Dustin R., The Ohio State University; Schmitz, Randy J., University of North Carolina at Greensboro*

- 34 **Combined assessment of cognitive workload under various levels of challenge during dual-task walking**  
*Shaw, Emma, University of Maryland; Rietschel, Jeremy C., Veteran's Health Administration; Hendershot, Brad D.; Pruziner, Alison L., Walter Reed National Military Medical Center; Miller, Matthew W., Auburn University; Hatfield, Bradley D.; Gentili, Rodolphe J., University of Maryland*

- 35 **Transferability vs. specificity of decision-making skill in sport**  
*Roca, Andre, St Mary's University, Twickenham, London; Williams, A. Mark, University of Utah*

- 36 **Self-reported attentional focus strategies of collegiate baseball and softball players**  
*Lane Hartmann, April V.; Becker, Kevin A.; Mann, Mark D.; Nichols, David L., Texas Woman's University*

- 37 **Errorless learning and analogy instruction: Comparing implicit learning methods**  
*North, Jamie S.; Warren, Sam; Runswick, Oliver R., St Mary's University, Twickenham, London*

- 38 **Evaluating how a partner's practice schedule impacts one's own practice behaviours and motor learning outcomes**  
*Karlinsky, April; Hodges, Nicola J., University of British Columbia*
- 39 **Symmetry of intra-limb variability response differs between internal and external foci**  
*Fietzer, Abigail L., University of Southern California; Koyama, Yumiko, Kyoto University; Kulig, Kornelia, University of Southern California*
- 40 **The effects of high and low contextual interference on the learning of three variations of a golf chipping task**  
*Genter, Alec M.; Aiken, Christopher A., Alma College*
- 41 **Enhancing Dancing: Examining the Potency of Action Observation**  
*Kolar, Melissa B.; Newman-Norlund, Roger D., University of South Carolina*
- 42 **Comparison of Visual Fixation Patterns of Collegiate Female Volleyball Players in Serve Reception Passing**  
*Murray, Nicholas, East Carolina University; Simpson, Jaclyn E., George Mason University; Whittier, Tyler; Raedeke, Thomas D., East Carolina University*
- 43 **Utilizing a Proprioceptive Priming Technique to Enhance Start Mechanics in Sprinting**  
*Balendran, Rumesh, California State University, Long Beach; Gill, Gabriel, California State University Long Beach; Becker, James, Montana State University; Vargas, Tiffanye; Nakajima, Mimi; Wu, Will, California State University Long Beach*
- 44 **Effects of External and Internal Focus of Attention on Dart Throwing**  
*Sarhan, Aiman; Lai, Qin, Wayne State University*
- 45 **Focus of attention in trained distance runners**  
*Diekfuss, Jed A.; Luther, Morgan B.; Yamada, Masahiro; Raisbeck, Louisa D., University of North Carolina at Greensboro*
- 46 **The role of vision and attentional focus in performing a balancing task**  
*McNamara, Scott W.T.; Becker, Kevin A., Texas Woman's University*
- 47 **Development of a computational method to assess high-level motor planning during the performance of complex actions**  
*Hauge, Theresa C.; Katz, Garrett; Huang, Di-Wei; Reggia, James; Gentili, Rodolphe, University of Maryland College Park*

- 48 **The use of a dynamic orthosis in a child with unilateral spastic Cerebral Palsy: effects on gait kinematics**

*Martins, Elisabete; Cordovil, Rita; Oliveira, Raul, Universidade de Lisboa; Pinho, Joana, Escola Superior de Saúde do Alcoitão; Vaz, Joao, Universidade de Lisboa*

- 49 **Inter-team coordination tendencies of goal-scoring possessions in open play: an exploratory analysis of the 2014 FIFA World Cup winner team**

*Santos, Rodrigo, Universidade Federal de Vicosa; Duarte, Ricardo, University of Lisbon; Teoldo, Israel, Universidade Federal de Vicosa*

- 50 **Changes in mental workload and motor performance during practice of reaching movements performed under different levels of challenge**

*Shuggi, Isabelle M.; Oh, Hyuk, University of Maryland, College Park; Shewokis, Patricia A., Drexel University; Gentili, Rodolphe J., University of Maryland, College Park*

- 51 **Preseason postural control as a function of sport type, age and sex**

*Schleich, Kristen; Duffy, Donna M.; Ross, Scott E, University of North Carolina at Greensboro; Goble, Daniel, San Diego State University; Rhea, Chris K., University of North Carolina at Greensboro*

- 52 **The effect of open and closed kinetic chain exercise on hip strength and onset timing of hip musculature during activity in women**

*Wood, Kelsi J.; Berg, William P.; Salcedo, Nick; Walsh, Mark S.; Biller, Kelsey L., Miami University*

- 53 **Stabilization and structural variability in a throwing task**

*Profeta, Vitor; Carello, Claudia, University of Connecticut*

- 54 **Variation of motor practice involves greater cognitive effort than repetition: an EEG study**

*Lelis-Torres, Natalia; Ugrinowitsch, Herbert; Apolinario-Souza, Tercio; Benda, Rodolfo; Lage, Guilherme M., Universidade Federal de Minas Gerais*

- 55 **Recurrence Quantification Analysis of Gait Coordination in Children: With and Without Footwear.**

*Applequist, Bryon C.; Motz, Zachary; Kyvelidou, Anastasia, University of Nebraska at Omaha*

- 56 **Recalling a fearful experience impacts movement initiation based on the spatial congruency of imagined threat stimuli**

*Fawver, Bradley, University of Utah; Hass, Chris J.; Coombes, Stephen A.; Janelle, Christopher M., University of Florida*

- 57 **Dynamics of Interception in defender versus attacker**

*Tsutsui, Kazushi; Shinya, Masahiro; Kudo, Kazutoshi, The University of Tokyo*

58 *Poster Withdrawn*

59 **Investigating the mechanisms underlying the effects of an incidental choice on motor learning**

*Grand, Kirk F.; Daou, Marcos; Lohse, Keith R.; Miller, Matthew W., Auburn University*

60 **Athletics and expertise; how movement influences memory**

*Peach, Sidney B.; Winkers, Chelsea A., Edgewood College*

61 **Fixation in sequence learning occurs with previous practice involving random and complex but not simple sequence structures**

*Immink, Maarten A.; Chan, Russell W.; Greaves, Danielle, University of South Australia; Shcherbakova, Olga, Saint Petersburg State University*

62 **Effects of the combinations of constant-variable practices in the learning of the volleyball serve**

*Matos, Cintia O.; Benda, Rodolfo N.; Cruz, Madson P.; Costa, Cicero L.A.; Ferreira, Arthur M.; Lage, Guilherme M.; Ugrinowitsch, Herbert, Universidade Federal de Minas Gerais*

63 **Assessment of postural sway during different attention focus states in post-surgery ACL tears**

*Ferguson, Natalie L., Utah State University; Cone, Brian L.; Rhea, Christopher K., University of North Carolina Greensboro; Studenka, Breanna E., Utah State University*

Topic **Sport and Exercise Psychology**

Moderator Miranda Kaye, Pennsylvania State University, United States

71 **Understanding the impact of physical activity on quality of life in adults diagnosed with cancer: Results from a meta-synthesis of qualitative studies**

*Brunet, Jennifer; Wurz, Amanda, University of Ottawa; Bradshaw, Andrew, University of Leeds; Saunders, Stephanie, University of Ottawa; West, Malcolm, University Hospital Southampton; Burke, Shaunna, University of Leeds*

72 **Linking Positive Psychology and the Transtheoretical Model: How Character Strengths and Processes of Change Relate to Physical Activity**

*Stuntz, Cheryl P., St. Lawrence University*

73 **The Association of Scholarship Status with Sport- and School-Oriented Motivational Outcomes in Collegiate Student-Athletes**

*Barczak, Nikki, University of North Carolina at Chapel Hill; Barker, Analise, Springfield College; DeFreese, J.D., University of North Carolina at Chapel Hill; Dorsch, Travis E.; Lyons, Logan K., Utah State University*

74 **Relationships Between Health Action Process Approach Model Constructs and Physical Activity in People with Spinal Cord Injury**

*Ma, Jasmin K.; McCracken, Laura A.; West, Christopher R.; Martin Ginis, Kathleen A., University of British Columbia*

75 **Imagery Ability and Physical Activity and their Relation to Active Play Imagery**

*Guerrero, Michelle D.; Munroe-Chandler, Krista J., University of Windsor*

76 **Effects of soccer ball heading frequency and intensity on nasal inspiratory and expiratory function as measured by rhinological patency**

*Raudenbush, Bryan; Custer, Kristen; Robinson, Emily; Schlegel, Killeen; Moore, Sierra, Wheeling Jesuit University*

77 **Effects of Video Game Player Avatar Size on Body Image Satisfaction/Dissatisfaction and Subsequent Food/Nutritional Choices in a Cafeteria Setting**

*Raudenbush, Bryan; Dwyer, Patrick, Wheeling Jesuit University*

78 **Motivational Differences Between Indoor and Sand Volleyball**

*Rhoads, Michael C., Metropolitan State University of Denver; Williamson, Scott, University of Denver; Antillon, Christopher; Whalum, Gerard, Metropolitan State University of Denver*

79 **Predictors of Children's Physical Activity Attraction During Later Childhood: A Longitudinal Examination**

*Brustad, Robert J.; Bumgardner, Brenda K., University of Northern Colorado*

80 **The Influence of Task Complexity and Social Engagement During Physical Activity on Executive Functioning in Older Adults**

*Koon, Lyndsie M.; Brustad, Robert J.; Stellino, Megan L., University of Northern Colorado*

81 **The association of health risk behaviors, anxiety, and depression among middle and high school students in the South of Brazil**

*Mazzardo, Oldemar, Universidade Estadual do Oeste do Parana; Furtado, Jr., Ovande, California State University Northridge; Sampaio, Adelar A.; Chapla, Alan L.; Szczuk, Luis; Jacob, Bryan S.; Gomes, Sabrina R. W., Universidade Estadual do Oeste do Parana*

82 **Variety of exercise in relation to physical self-perceptions, autonomous motivation and sensation-seeking**

*Boyd, Michael; Long, Danae; Davis, Catherine; Duran, Linda, San Francisco State University*

83 **Prediction of performance level 8 years later in a selected group of young volleyball players**

*Lenoir, Matthieu E., Ghent University, Belgium; Mostaert, Mireille X.; Deconinck, Frederik X.; Norjali Wazir, Mohd X.; Robertson, Kamasha X.; Pion, Johan X., Ghent University, Belgium*

## NASPSPA Posters

- 84 **The Relationship among Coaching Efficacy, Leadership Styles and Team Outcomes in a Premier League Soccer Season in Botswana**

*Keatholetswe, Lesika, University of Botswana; Malete, Leapetswe, Michigan State University*

- 85 **Sitting time, motivation, and weight-impacted quality of life after bariatric surgery: A preliminary examination**

*Chemtob, Keryn; R. Reid, Ryan E.; Andersen, Ross E.; Duncan, Lindsay R.; Sweet, Shane N., McGill University*

- 86 **Parents' perceptions of parent involvement in young adults' intercollegiate athletic careers: Policy, education, and desired-student-athlete outcomes**

*Lyons, Logan K.; Dorsch, Travis E., Utah State University; Lowe, Katie, Clark University; Kaye, Miranda P., Pennsylvania State University; Arnett, Jeffrey J., Clark University*

- 87 **Understanding the impact of parents socioemotional and competitive goals on their verbal sideline behavior in organized youth sport**

*Campbell, Brandon C.; Grondel, Bryson T.; Grimm, Marshall X.; Dorsch, Travis E., Utah State University*

- 88 **The Pictorial Scale of Physical Self-Concept for Young Children (P-PSC-C): A Feasibility-Study**

*Tietjens, Maïke; Dreiskaemper, Dennis; Utesch, Till, University of Muenster; Schott, Nadja, University of Stuttgart; Barnett, Lisa; Hinkley, Trina, Deakin University*

- 89 **Legitimacy of anti-doping policies - athletes as researchers**

*Kolb, Meike, Westfaelische Wilhelms-University Muenster; Dreiskaemper, Dennis, Westfaelische Wilhelms Universitaet-Muenster; Petroczi, Andrea, Kingston University; Holzgreve, Pia, Westfaelische Wilhelms Universitaet-Muenster; Brueckner, Sebastian, Olympiastuetzpunkt Rheinland Pfalz / Saarland; Strauss, Bernd, Westfaelische Wilhelms Universitaet-Muenster*

- 90 **Testing the Expanded Sport Officials Decision-Making Model**

*Ritchie, Jason; Tenenbaum, Gershon, Florida State University*

- 91 **Interaction between BDNF polymorphism and physical activity on cognitive performance in the elderly**

*Audiffren, Michel F.; Canivet, Anne; Andre, Nathalie; Albinet, Cedric T., University of Poitiers*

- 92 **Social, Psychological, and Physical Predictors of Well-Being among Female Adolescents in Aesthetic Sports**

*Kipp, Lindsay E., Texas State University; Bolter, Nicole D., San Francisco State University; Phillips, Alison C., University of Iowa*

- 93 **Exercise Autonomy and Physical Activity Behaviors amongst College Students**  
*Ferkel, Rick C.; Rollenhagen, Ben R.; Fisher, Kevin M., Central Michigan University*
- 94 **Breathing patterns are associated with changes in emotional responses and heart rate while viewing neutral stimuli**  
*Buchanan, Taylor, University of Florida; Fawver, Bradley, University of Utah; Beatty, Garrett F.; Janelle, Christopher M., University of Florida*
- 95 **Characterizing treatment response to 8-weeks of aerobic exercise training in major depressive disorder**  
*Brush, Christopher J.; Ehmann, Peter J., Rutgers, The State University of New Jersey; Olson, Ryan L., University of North Texas; Bocchine, Anthony J.; Alderman, Brandon L., Rutgers, The State University of New Jersey*
- 96 **Does early specialization influence long-term involvement in sport and physical activity in former competitive figure skaters?**  
*Lemez, Srdjan, California State University Los Angeles; Wong, Harmonie, York University; Dogra, Shilpa, University of Ontario Institute of Technology; Baker, Joseph, York University*
- 97 **Predicting physical activity attitudes, perceived behavioral control, and intentions from aspects of the ParticipACTION brand**  
*Lithopoulos, Alexander, Queen's University; Berry, Tanya R., University of Alberta; Faulkner, Guy, University of British Columbia; LeBlanc, Allana, ParticipACTION; O'Reilly, Norman, The Ohio State University; Rhodes, Ryan E, University of Victoria; Spence, John C., University of Alberta; Tremblay, Mark S., University of Ottawa; Latimer-Cheung, Amy E., Queen's University*
- 98 **Body Satisfaction and Self-Efficacy of Active, Middle-Aged Women**  
*Avans, Diana E.; Kerr, Casey; Boots, Crystal, Vanguard University*
- 99 **The associations between heart rate variability and executive function in late middle-aged and older adults**  
*Chu, I-Hua; Yu, Tzu-Cheng; Chiang, Che-Hsien, Kaohsiung Medical University*
- 100 **An examination of athlete preferences of coach behaviors with junior high school athletes**  
*Sullivan, Philip; Ragogna, Matthew, Brock University*
- 101 **Acute effects of resistance exercise in men with and without symptoms of muscle dysmorphia**  
*SantaBarbara, Nicholas J.; Whitworth, James W.; Nosrat, Sanaz; LaBrec, Jordan E.; Louie, Mark E.; Ciccolo, Joseph T., Teachers College Columbia University*

- 102 **Examining the Influence of Program Quality on Athlete-Reported Outcomes**  
*Harlow, Meghan, York University; Bean, Corliss, University of Ottawa; Mosher, Alexandra; Fraser-Thomas, Jessica, York University*
- 103 **The influence of colors on speed perception**  
*Mentzel, Stijn; Schuecker, Linda, University of Muenster; Hagemann, Norbert, University of Kassel; Strauss, Bernd, University of Muenster*
- 104 **Active gaming and self-paced exercise: A self-determination perspective**  
*Wadsworth, Danielle D.; Daly, Colleen M.; Foote, Shelby J., Auburn University*
- 105 **Positive social bonds with staff build developmental assets and reduce risk behaviors among youth in a physical activity-based youth development program**  
*McDavid, Lindley, Purdue University; Snyder, Frank, Central Michigan University; McDonough, Meghan H., University of Calgary; Ruiz, Yumary, Purdue University*
- 106 **Identifying the differences of anthropometric, physical, motor coordination and cycling specific characteristics of young cyclists from five different cycling disciplines (BMX, road cycling, track cycling, MTB and cyclo-cross)**  
*Mostaert, Mireille, Ghent University, Belgium; Deconinck, Frederik; Wazir Norjali Wazir, Mohd Rozilee; Robertson, Kamasha, Ghent University, Belgium; Pion, Johan, HAN University of Applied Sciences; Lenoir, Matthieu, Ghent University, Belgium*
- 107 **The big five personality factors and occupancy of various informal roles by Canadian intercollegiate athletes**  
*Kim, Jeemin; Eys, Mark, Wilfrid Laurier University*
- 108 **Factors affecting physical activity in breast cancer survivors: the health care provider experience**  
*Fong, Angela J.; Sabiston, Catherine M., University of Toronto*
- 109 **Sweating the small stuff: How aerobic exercise training reduces state anxiety in university students**  
*Lucibello, Kristen; Paolucci, Emily; Heisz, Jennifer J., McMaster University*
- 110 **Parents' Perceptions about Preschoolers' Energetic Play Predict Intentions but not MVPA**  
*Harris, Sheereen; Proudfoot, Nicole A.; King-Dowling, Sara; Di Cristofaro, Natascja; Brown, Denver; Langvee, Jason; Bray, Steve; Timmons, Brian W., McMaster University*
- 111 **The Effects of Acute and Chronic Resistance Exercise on Sleep Outcomes: A Systematic Review of Randomized Controlled Trials**  
*Kovacevic, Ana, McMaster University; Mavros, Yorgi, The University of Sydney; Heisz, Jennifer J., McMaster University; Fiatarone Singh, Maria A., The University of Sydney*

NASPSPA Posters

- 112 **The relationship between religious commitment and burnout in NAIA athletes.**  
*Josephs, Molly V., Southern Illinois University Edwardsville; Stapleton, Jessie N., Missouri Baptist University*
- 113 **The duration of the effect of behavioral synchrony in different sized groups**  
*Sullivan, Philip; Lewis, Zachary, Brock University*
- 114 **Development of the Sport Mental Health Continuum - Short Form (Sport MHC-SF)**  
*Foster, Brian; Chow, Graig M, Florida State University*
- 115 **Acute Physical Activity Modulations of Attentional Processes and Error-Monitoring in High- and Low-Anxious Females**  
*Parks, Andrew C.; Delli Paoli, Anthony G.; Schroder, Hans S.; Moser, Jason S.; Pontifex, Matthew B., Michigan State University*
- 116 **Developing a Physical Literacy Tool for the Early Years: PPLAY**  
*Clark, Heather, McMaster University; Krellaars, Dean, University of Manitoba; Dudley, Dean, Macquarie University; Mitchell, Drew, Sport for Life; James, Maeghan; Podgorski, Margaret, McMaster University; Cairney, John, University of Toronto*
- 117 **Parents value competence more than warmth in competitive youth hockey coaches: Evidence based on the innuendo effect**  
*Sutcliffe, Jordan, Nipissing University; Benson, Alex; Bruner, Mark; Nipissing University*
- 118 **Taking a Walk Down Memory Lane: The Relation between Affective Memory and Affective Forecast**  
*Calder, Amanda; Cotter, James D.; Hargreaves, Elaine A., Otago University*

June 7, 2017

64 Poster Session #3

Topic **Motor Development**

Moderators: Eva D'Hondt, University of Brussels; Ali Brian, University of South Carolina, United States

- 1 **A Mastery Climate Cognitive-Motor Skills Intervention: Impact on academic and motor performance, perceptions of competence, and BMI of children living in social vulnerability**

*Nobre, Galuber C.; Valentini, Nadia C., Universidade Federal do Rio Grande do Sul; Rudisill, Mary E., Auburn University*

- 2 **Exploring Predictors of Children's Motor Competence within the Context of the Canadian Assessment of Physical Literacy (CAPL)**

*Law, Barbi; Confesor, Valaine; Richards, Devyn; Bruner, Brenda, Nipissing University*

- 3 **Effectiveness of motor skill interventions across different socio-economic environments**

*Taunton, Sally A.; Brian, Ali S., University of South Carolina; Howard-Shaughnessy, Candice H, Troy University*

- 4 **An analysis of prospective reaching in 9-months-old infants using eye-tracking**

*McMahon, Emalie G., University of Tennessee, Knoxville; Wiener, Rebecca F.; Dimercurio, Abigail, University of Tennessee Knoxville; Connell, John P., University of Tennessee, Knoxville; Corbetta, Daniela M., University of Tennessee Knoxville*

- 5 **Changes in motor performance of young children: A three-year longitudinal study**

*Luciana, Ferreira, UEM; Santos, Viviane A.P.; Vieira, Jose LL, Maringa State University; Cacola, Priscila M., University of Texas at Arlington*

- 6 **Healthy young children can intentionally couple postural sway with stimuli of differing complexity**

*Motz, Zachary, University of Nebraska at Omaha; Hatzitaki, Vassilia, Aristotle University of Thessaloniki; Mukherjee, Mukul, University of Nebraska at Omaha; Siu, Ka-Chun, University of Nebraska Medical Center; Kyvelidou, Anastasia, University of Nebraska at Omaha*

- 7 **Executive Function, Motor Skills, and School Readiness in Low SES Hispanic Pre-kindergarteners**

*Hamilton, Michelle L.; Liu, Ting; Matula, Kathleen; Plotts, Cindy, Texas State University*

- 8 **Age-related offline and online learning processes underlie age-independent fast motor sequence learning**

*Du, Yue; Clark, Jane E., University of Maryland, College Park*

9 **Relations between anthropometrics and step-time parameters in infants' first year of walking**

*Lee, Do Kyeong, California State University Fullerton; Cole, Whitney, Max Planck Institute for Human Development; Adolph, Karen, New York University*

10 **Movement Strategies used by Children and Adults to Retrieve an Object from the Ground**

*Anderson, David I.; Motiwala, Arwa; Hamel, Kate A., San Francisco State University*

11 **Validity and Reliability of the Test of Gross Motor Development -3 for children with visual impairments**

*Brian, Ali; Taunton, Sally A., University of South Carolina; Haibach-Beach, Pamela; Lieberman, Lauren J., State University of New York's College at Brockport*

12 **Relationship between Body Mass Index and Functional Movement, Perceived Physical Competence and Motor Skill Proficiency in Middle School Students**

*Coker, Cheryl A.; Collins, Sean M., Plymouth State University*

13 **Relationship between motor proficiency and executive functioning in children**

*Sartori, Rodrigo C., Universidade Federal do Rio Grande do Sul and Pontifícia Universidade Católica do Rio Grande do Sul; Valentini, Nadia C., Universidade Federal do Rio Grande do Sul; Fonseca, Rochele, Pontifícia Universidade Católica do Rio Grande do Sul*

14 **Effect of table tennis practice on timing control in 10-12 year old children**

*Zheng, Lixin, Shandong University of Technology*

15 **A comparative study of gross motor development of American and Chinese school preschoolers: A pilot study**

*Downing, Kaitlyn; Gregg, Daniel, University of Memphis; Wang, Kun, Shandong Sport University; Dowling, Collin; Taylor, Satomi; Li, Yuhua, University of Memphis*

16 **Postural control in the elderly of different age groups**

*Nogueira Lahr, Silvana L.; Martins, Cristiane A.; Benda, Rodolfo N., Federal University of Minas Gerais*

17 **Parent report of their child's fundamental movement skill competency. A paediatric occupational perspective**

*Maher, Stevie J.; Barnett, Lisa M., Deakin University*

18 **SEMG analysis during landing in children with autism spectrum disorder: A case study**

*Rosales, Marcelo R.; Romack, Jennifer L.; Angulo-Barroso, Rosa M., California State University Northridge*

19 **The influence of gender in motor skills of children aged 1 month to 3 years**

*Felzer-Kim, Isabella; Zott, Gabriella; Hauck, Janet L., Michigan State University*

20 **Adolescent girls can report on their object control skill not their locomotor skill**

*Rogers, Vaimanino; Barnett, Lisa M.; Lander, Natalie J., Deakin University*

21 **Spontaneous movements during caregiver contact as an early window into ASD**

*Patel, Priya P.; Padmanabhan, Malavika; Hajiaghajani, Faezeh; Biswas, Subir; Lee, Mei-Hua, Michigan State University*

22 **Influence of body composition on actual and perceived motor competence in children**

*Webster, Elizabeth K.; Huck, Lydia L.; Molina, Lila V.; Tso, Katie, Louisiana State University*

Topic **Motor Learning and Control**

Moderator **Rajiv Ranganathan, Michigan State University, United States**

31 **Cortical motor gamma oscillations reflect coordination task demands.**

*Ferrandino, Josie; Jensen, Jody, University of Texas at Austin; Fuchs, Armin; Kelso, Scott, Florida Atlantic University; Cheyne, Douglas, The University of Toronto; Ferrari, Paul, The University of Texas at Austin*

32 **Virtual reality obstacle crossing success rate is affected by walking speed and age**

*LoJacono, Chanel T.; Rhea, Christopher K, University of North Carolina at Greensboro*

33 **Seeing is believing? The efficacy of feedforward modeling using mirror reversal**

*Rymal, Amanda M., California State University San Bernardino; O, Jennt; Cesena, Michael Ryan, California State University East Bay; Harrison, Desiree, California State University San Bernardino*

34 **Volleyball Match Analysis from an Information Processing Perspective: The Importance of Set Time**

*Fairbrother, Jeffrey T.; Cornelius, Hanna R.; Couvillion, Kaylee F., University of Tennessee Knoxville*

35 **Effects of mental practice in motor performance and control during predictable perturbations in an aiming task**

*Gomes, Thabata V.; Benda, Rodolfo N; P Andrade, Andre G., Universidade Federal de Minas Gerais; Harrison, Henry, University of Connecticut; Portes, Leonardo L.; Ugrinowitsch, Herbert, Universidade Federal de Minas Gerais*

36 **Fear of falling for older and stroke-involved adults**

*Stout, Ruth D., Moses Cone Hospitals; Rhea, Christopher K., University of North Carolina at Greensboro*

- 37 **Rhythmic auditory stimulation to alter fractal gait characteristics in older adults**  
*Stout, Ruth D., Moses Cone Hospitals; Rhea, Christopher K., University of North Carolina at Greensboro*
- 38 **Concussion Prevention and Coaching Pedagogy: Coaches' Perspectives**  
*Petraneck, Laura J., Boise State University; Bolter, Nicole D., San Francisco State University; James, Julie, Boise State University*
- 39 **Enhancing the pushing performance among expert hockey players through an external focus of attention**  
*Lin, Ching-er; Lee, Hsing-Lin, National Taichung University of Education*
- 40 **Temporal comparative feedback facilitates motor learning in children**  
*Chiviacowsky, Suzete; Harter, Natalia M., Universidade Federal de Pelotas*
- 41 **Learning effects of auditory feedback on Fitts task**  
*Asher, Stuti; Hatfield, Brent C.; Shea, John B., Indiana University Bloomington*
- 42 **Influence of Attentional Focus on Balance Performance**  
*Jusko, Elizabeth, Central Washington University; Kupper, Christian, Westfaelische Wilhelms Universitaet-Muenster; Zentgraf, Karen, Westphalian Wilhelms-University; Roemer, Karen, Central Washington University*
- 43 **The effects of self-controlled target selection on the learning of an object projection task**  
*von Lindern, Aaron D., University of Tennessee, Knoxville; Bass, Andrew D., University of Tennessee Knoxville; Raabe, Johannes, University of Tübingen; Fairbrother, Jeffrey T., University of Tennessee, Knoxville*
- 44 **Kinematic Dissimilarity Influences the Perceptual Discriminability of Linearly Morphed Deceptive and Non-Deceptive Team Handball Penalties**  
*Helm, Fabian, Justus-Liebig-University Giessen; Troje, Nikolaus F., Queen's University; Munzert, Joern, Justus-Liebig-University Giessen*
- 45 **Variability of Ball Positioning in Basketball Bounce Passes**  
*Meyer, Ben, Shippensburg University*
- 46 **Benefits of Distributed Practice over Massed Practice in Learning and Memory Consolidation**  
*Song, Yonggwan; Park, Jin-Hoon, Korea University; Cheon, Sung Hyeon, Kangwon National University; Reeve, Johnmarshall, Korea University*

- 47 **Assisted Cycle Therapy (ACT) Improved Leisure Physical Activity but Not Sleep in Older Adults with Down Syndrome**

*Arnold, Nathaniel E.; Ringenbach, Shannon D.; Parker, Luke; Holzapfel, Simon D.; Lopez, Corinna; Szeto, Monica, Arizona State University*

- 48 **The Effects of Distribution of Practice on the Learning of a Motor Skill**

*Ugrinowitsch, Alessandra, Centro Universitario Belo Horizonte*

- 49 **Technical Training based on Mental Representation**

*Vogel, Ludwig; Schack, Thomas, Bielefeld University*

- 50 **Targeted memory reactivation during a daytime nap to improve sensorimotor skill performance**

*Johnson, Brian P.; Westlake, Kelly P, University of Maryland School of Medicine*

- 51 **A Novel Approach to Enhancing Upper Extremity Coordination in Children with Autism Spectrum Disorder**

*Gamez, Alejandra S., The University of Texas at El Paso; Wang, Chaoyi, Shenzhen University; Manning, Rhonda; Boyle, Jason B., The University of Texas at El Paso*

- 52 **The acute effects of attentional focus during motor imagery in a simple motor task.**

*Yamada, Masahiro; Diefkuss, Jed A; Raisbeck, Louisa D., University of North Carolina at Greensboro*

- 53 **Examination of interpersonal distance in karate combat**

*Katsumata, Hiromu; Daitoku, Hiroya, Dito-Bunka University*

- 54 **Effects of simultaneous self-control of knowledge of results (KR) and practice schedule in learning a serial motor skill of Taekwondo**

*Januario, Marcelo S.; Ugrinowitsch, Herbert; Lage, Guilherme M.; Portes, Leonardo L.; Figueiredo, Lucas S.; Benda, Rodolfo N, Universidade Federal de Minas Gerais*

- 55 **Effects of mental fatigue on gait during downhill walking**

*Schott, Nadja; Klotzbier, Thomas, University of Stuttgart*

- 56 **Temporal correlations of support surface movement affect the control of center of pressure velocity**

*Rand, Troy; Mukherjee, Mukul, University of Nebraska at Omaha*

- 57 **Stimulus-response compatibility during sequence learning under high and low contextual interference**

*Greaves, Danielle; Immink, Maarten A.; Thewlis, Dominic, University of South Australia; Wright, David L., Texas A&M University*

58 **Women Balance Control and Gait adaptations related with heels height**  
*Melo, Filipe, Faculty of Human Kinetics; Crisostomo, Rute S., Instituto Politécnico de Castelo Branco - Escola Superior de Saúde*

59 **What are talent scouts 'identifying' when searching for talent?**  
*Mann, David L., Vrije Universiteit Amsterdam; Timmerman, Ewout, Victoria University; Veerman, Sophie J.; Schmidt, Anouk, Vrije Universiteit Amsterdam*

60 **Hedonic states in sequence learning: A comparison of pre-learning pleasure states induced by focused-attention meditation and sustained attentional task.**  
*Chan, Russell W.; Immink, Maarten A.; Lushington, Kurt, University of South Australia*

61 **Effects of single-task practice of dual-task performance limitations in sequence learning**  
*Panzer, Stephan; Lindemann, Hanna, Saarland University; Shea, Charles H., Texas A&M University*

Topic **Sport and Exercise Psychology**

Moderator: Jordan Blazo, Louisiana Tech University, United States

71 **Incorporation of a Sport Psychology Program at the Major League Baseball Urban Youth Academy Enhances Assertiveness Skills, Player Performance and Self-Esteem**  
*Conn, Brad E., El Camino College*

72 **Coach-player communications: An analysis of top-level coaching discourse at a short-term ice hockey camp**  
*Elmes, David M., National Institute of Fitness and Sports*

73 **Do Intrinsically Motivated Athletes get more out of Youth Sport?**  
*Graupensperger, Scott, Pennsylvania State University; Cermak, Josh; Turner, Adrian, Bowling Green State University*

74 **A Scoping Review of Engagement in Physical Activity among LGBTQ+ Adults**  
*Herrick, Shannon S. C.; Duncan, Lindsay R., McGill University*

75 **Effects of peppermint flavored mouthguards on augmenting rugby play performance**  
*Raudenbush, Bryan; Troconis Bello, Juan Pablo, Wheeling Jesuit University*

76 **A Pilot Study on Student-Athlete Perceptions of Coaching Behaviors as Fostering or Hindering Mental Toughness Development**  
*Burger, Joshua; Ponti, Daniel; Madrigal, Leilani, California State University Long Beach*

- 77 **Self-Compassion promotes Fitness-Related Pride in Adolescent Female Athletes**  
*Gilchrist, Jenna D.; Pila, Eva; Sabiston, Catherine M., University of Toronto*
- 78 **Examining the Impact of Acute Exercise on Prospective, Immediate and Delayed-Memory Performance**  
*Frith, Emily M.; Sng, Shu LE; Loprinzi, Paul D, University of Mississippi*
- 79 **Steps in the right direction: The relation between achievement goals and self-compassion in male varsity athletes.**  
*Mosewich, Amber D.; Pynn, Shannon R.; Neely, Kacey C.; Holt, Nick L., University of Alberta*
- 80 **Elicitation of Physical Activity Judgments in Inactive Women through Mental Contrasting Interventions**  
*Ruissen, GERALYN R.; Beauchamp, Mark R., University of British Columbia*
- 81 **Sibling influence on youth's sport participation across adolescence: Models or foils?**  
*Osai, Keith V.; Whiteman, Shawn D.; Blazo, Jordan A., Utah State University; Dorsch, Travis E., Louisiana Tech University*
- 82 **"I deserve a treat": The effects of exercise motivation on post-exercise dietary responses**  
*West, Jessica; Guelfi, Kym J.; Dimmock, James A.; Jackson, Ben, The University of Western Australia*
- 83 **Reported cognitive appraisal, mental effort, cortisol response and shooting performance**  
*Rossato, Claire J., University of Greenwich; Basevitch, Itay, Anglia Ruskin University*
- 84 **Psychosocial effects of the interactive motion-sensing exercises on real-life arm use after stroke**  
*Chen, Shuya, China Medical University; Lin, Ching-Min, Asia University; Hsu, Stephen; Ho, Cheng-Hui, China Medical University; Yeh, Shih-Ching, Fudan University; Chang, Wen-Dien, China Medical University*
- 85 **It's not you, it's me: A Social Relations Model perspective on person-related variance in performance for distinguishable athlete dyads.**  
*Habeeb, Christine; Eklund, Robert C., University of Stirling*
- 86 **Self-Determined Motivational Profiles Predict Physical Activity Participation: A Latent Profile Analysis**  
*Reifsteck, Erin J.; Labban, Jeffrey D., University of North Carolina at Greensboro*

- 87 **Predictors of friendship between exercisers and their personal trainers**  
*Ede, Alison, California State University Long Beach; Feltz, Deborah L, Michigan State University; Martinez, Lourdes S., San Diego State University; Neal, Jennifer W.; Smith, Alan L., Michigan State University*
- 88 **Examining the relationship among university students' physical self-perceptions, motor skill proficiency, and physical activity behavior within the framework of physical literacy**  
*Arnett, Jesse; McAuliffe, Jim; Law, Barbi, Nipissing University*
- 89 **The "chicken or the egg" dilemma in self-efficacy theory: Testing self-efficacy and outcome expectation relationship for action planning behavior.**  
*Michalovic, Emilie, McGill University; Latimer-Cheung, Amy E., Queen's University; Sweet, Shane N., McGill University*
- 90 **The Social Identity Questionnaire for Sport (SIQS): The Utility of a Bi-Factor Model**  
*Bruner, Mark W.; Benson, Alex, Nipissing University*
- 91 **Exercise Duration and Short-Term Memory**  
*Slutsky, Alexis B.; McHone, Ashley; Kurtz, Kevin; Arunachalam, Sudharani; Labban, Jeffrey D.; Etnier, Jennifer L., University of North Carolina at Greensboro*
- 92 **The effects of single bouts of exercise on cerebral blood flow in preadolescent children**  
*Gwizdala, Kathryn L., Michigan State University; Weng, Timothy B.; Voss, Michelle W., University of Iowa; Pontifex, Matthew B., Michigan State University*
- 93 **Controlling coach behaviours and their implications for young athletes' emotional welfare: A test of the Basic Psychological Needs Theory**  
*Balaguer, Isabel; Mars, Lidon; Balaguer, Isabel, University of Valencia; Duda, Joan L., University of Birmingham*
- 94 **A qualitative exploration of university student athletes' perspectives on recreational drug use versus performance-enhancing drug use**  
*Hallward, Laura; Duncan, Lindsay R., McGill University*
- 95 **Social support and self-efficacy as factors contributing to exercise enjoyment in a Mexican community**  
*De La Cruz, Manuel, Universidad Estatal de Sonora; Zamarripa, Jorge; Marentes-Castillo, Maria; Delgado, Maritza, Universidad Autonoma de Nuevo Leon; Alvarez, Octavio; Castillo, Isabel, Universitat de Valencia*

- 96 **Self-determined motivation and stages of change in a Mexican community**  
*Marentes-Castillo, Maria; Zamarripa, Jorge, Universidad Autonoma de Nuevo Leon; De La Cruz, Manuel F., Universidad Estatal de Sonora; Medina-Villanueva, Samantha, Universidad Autonoma de Nuevo Leon; Alvarez, Octavio; Castillo, Isabel, Universitat de Valencia*
- 97 **Toward a validated test of defensive tactical knowledge in soccer: From principles to practice**  
*Horn, Robert R.; Scott, Jorden R.; Leather, Robert C.; Marchetto, Jonathan D., Montclair State University*
- 98 **Examining the influence of different levels of pressure on the performance of a volleyball serving task**  
*Marini, Matthew; Sullivan, Philip, Brock University*
- 99 **Age and task-specific moderators of the aerobic fitness and executive function relationship**  
*Ehmann, Peter J.; Brush, Christopher J., Rutgers, The State University of New Jersey; Olson, Ryan L., University of North Texas; Bocchine, Anthony J.; Bhatt, Shivang N.; Banu, Andrea H.; Alderman, Brandon L., Rutgers, The State University of New Jersey*
- 100 **Manipulating the psychological climate of group exercise classes: The effects on social physique anxiety and self-presentation**  
*Hamamoto, Sarah K.; Wilson, Kathleen S., California State University Fullerton*
- 101 **The Theory of Planned Behaviour, Menstruation, and Physical Activity: Using a diary approach to predict Intention & Physical Activity across the Menstrual Cycle**  
*Croteau, Camille M., Western University; Wilson, Kathleen S., California State University Fullerton*
- 102 **Intra-team communication and task cohesion: Examining the moderating effects of psychological climate**  
*McLaren, Colin; Spink, Kevin S., University of Saskatchewan*
- 103 **Awareness of Error Among Skilled and Less Skilled Shooters: Think Aloud Protocol**  
*Monfared, Shamsi Sanati; Tenenbaum, Gershon; Folstein, Jonathan; Ericsson, Anders K., Florida State University*
- 104 **The Moderating Effect of Self-Compassion on Performance-Coping and Performance-Motivation Relationships**  
*Barczak, Nikki, University of North Carolina at Chapel Hill; Eklund, Robert, University of Stirling*
- 105 **Female Paralympic athlete perceptions of effective coaching practices**  
*Alexander, Danielle M.; Bloom, Gordon A., McGill University; Taylor, Shaunna L., The University of British Columbia*

- 106 **Goal Attainment Effects on Cognitions, Emotions, and Subsequent Performance in a Golf Putting Task**  
*Lebeau, Jean-Charles; Gatten, Heather; Perry, Inbal; Wang, Ye; Sung, Sibak; Tenenbaum, Gershon, Florida State University*
- 107 **The Effects of Progressive Muscle Relaxation on the Subjective Well-Being of Collegiate Athletes**  
*Vento, Kaila A.; Vargas, Tiffany M.; Madrigal, Leilani; Schick, Evan, California State University Long Beach*
- 108 *Poster moved to #118 on Tuesday, June 6 Poster Session #2*
- 109 **Talent characteristics discriminating table tennis, tennis, and badminton by means of a coaches' survey.**  
*Robertson, Kamasha, Ghent University, Belgium; Pion, Johan, HAN University of Applied Sciences; Mostaert, Mireille; Wazir Norjali Wazir, Mohd Rozilee, Ghent University, Belgium; Kramer, Tamara, HAN University of Applied Sciences; Faber, Irene, Saxion University of Applied Sciences; Lenoir, Matthieu, Ghent University, Belgium*
- 110 **Do judo athletes with different motives respond differently to autonomy-supportive and controlling coaching?**  
*Haerens, Leen, Ghent University, Belgium; Delrue, Jochen; Vansteenkiste, Maarten, Ghent University, Belgium; Vande Broek, Gert, KU Leuven; Van den Broeck, Karolien; Soenens, Bart, Ghent University, Belgium*
- 111 **Analyzing jumping performance in Volleyball athletes with different levels of perceptual-cognitive load**  
*Fleddermann, Marie-Therese; Zentgraf, Karen, University of Muenster*
- 112 **"The physical, the mental, the spiritual, and emotional": Indigenous women athletes' meanings and experiences of flourishing in sport**  
*Ferguson, Leah J.; Epp, Gillian B., University of Saskatchewan; Wuttunee, Kellie; Dunn, Matthew, Community Sport Advisor; McHugh, Tara-Leigh F., University of Alberta; Humbert, Louise M., University of Saskatchewan; Lessard, Sean D., University of Alberta*
- 113 **Effects of Motivational Climate on Tennis Serve Performance**  
*Favoretto, Loriane, Auburn University; Martin, Ellen, Columbus State University; Hollett, Nikki; Rudisill, Mary; Pangelinan, Melissa, Auburn University*

NASPSPA Posters

114 **Development and initial psychometric evaluation of the Sport Performance Perceptions Scale**

*Killham, Margo E., University of Saskatchewan; Mosewich, Amber D., University of Alberta; Duckham, Rachel L., Deakin University; Kowalski, Kent C.; Ferguson, Leah J., University of Saskatchewan*

115 **The Effect of Metrical Structure of Auditory Stimuli on Temporal Organization in Rhythmic Sensorimotor Synchronization Tasks**

*Tanosaki, Haruka; Okano, Masahiro; Shinya, Masahiro; Kudo, Kazutoshi, The University of Tokyo*

116 **Athlete Burnout, Romantic Relationship Quality and Lifespan Psychological Health Outcomes in Former Elite American Football Athletes**

*Freese, J.D.; Barczak, Nikki; Romaine, Andrew; Thomas, Leah; Baucom, Donald; Kerr, Zachary; Guskiewicz, Kevin, University of North Carolina at Chapel Hill*

117 **The role of relatedness in linking parenting to academic adjustment and individuation: An examination of student-athlete/parent dyads during emerging adulthood**

*Kaye, Miranda P., Pennsylvania State University; Dorsch, Travis E., Utah State University; Lowe, Katie, Clark University*