

Wednesday, June 15, 2016

8:00am – 5:00pm **Executive Committee Meeting**

9:30am – 3:30pm **Pre-Conference Workshop: Seeing the forest and the trees: Theoretical and practical issues in sport expertise**

Organizers: Joe Baker, York University and Nicola Hodges, University of British Columbia

1:00pm – 5:00pm **Pre-Conference Workshop: Exercise-is-Medicine meets evidence-based-medicine: Learning to critically appraise randomized controlled trials (RCTs) in the time of bias**

Organizer: Panteleimon Ekkekakis

4:00pm – 7:00pm **Conference Registration** (Registration Desk)

Thursday, June 16, 2016

7:00am – 8:00am **Area Program Chairs' Breakfast Meeting**

8:00am – 6:00pm **Conference Registration** (Registration Desk)

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

Special Symposium: Honoring Richard A. Schmidt

Organizer: Gabriele Wulf, University of Nevada, Las Vegas
Discussant: Timothy D. Lee, McMaster University
Moderator: Gabriele Wulf, University of Nevada, Las Vegas

Symposium Overview

Gabriele Wulf, University of Nevada, Las Vegas

The linear speed accuracy trade-off (Schmidt's Law): Is it related to Fitts' Law?

Howard N. Zelaznik, Purdue University

Schmidt's guidance hypothesis of information feedback: A neural account

Stephan P. Swinnen, University of Leuven

Dr. Schmidt's contributions to human factors

Doug E. Young, Exponent

Richard Schmidt's contributions to physical therapy and rehabilitation science

Carolee J. Winstein, University of Southern California

Schema Theory – and what we have learned over the past four decades

Gabriele Wulf, University of Nevada, Las Vegas

Motor Development Verbal Presentations – Disabilities

Moderator: Melissa Pangelinan, Auburn University

- 8:00 **Children with and without developmental coordination disorder (DCD) have greater local dynamic stability compared to adults during bimanual finger tapping**
Roche, Renuka, Eastern Michigan University; McAndrew Young, Patricia M., Whittall, Jill, University of Maryland at Baltimore
- 8:15 **Comparison of three standardized motor assessment instruments on children with Autism Spectrum Disorder**
Liu, Ting, Texas State University; Breslin, Casey, Temple University
- 8:30 **Retention of executive function in assisted cycling therapy in adolescents with Down syndrome**
Ringebach, Shannon D., Holzapfel, Simon, Richter, Madeline, Arizona State University
- 8:45 **Testing pathways of the Environmental Stress Hypothesis in children with and without Developmental Coordination Disorder**
Li, Yao-Chuen, Kwan, Matthew Y. W., Graham, Jeffrey D., Cairney, John, McMaster University
- 9:00 **Single-subject design: Concerns establishing evidence-based practice in examining observational learning in ASD**
Irwin, Jacqueline M., Pangelinan, Melissa M., Hinton, Vanessa, Lohse, Keith R., Rudisill, Mary E., Auburn University
- 9:15 **Longitudinal examination of objectively-measured physical activity and sedentary time among children with and without motor coordination difficulties**
King-Dowling, Sara, Kwan, Matthew Y.W., McDonald, Madeline, Cairney, John, McMaster University

Sport and Exercise Psychology Symposium – Global Perspectives about Effective Coach Leadership

Organizer: Gordon A. Bloom, McGill University

Discussant: Martin Camire, University of Ottawa

Moderator: Ben Jackson, University of Western Australia

Symposium Overview

Gordon A. Bloom, McGill University

Canadian Paralympic coaches' knowledge and behaviors

Bloom, Gordon A., McGill University

Facilitating opportunity and reducing barriers in sports coaching: A qualitative study with indigenous Australian sport coaches

Bennie, Andrew; The University of Western Sydney; Apoifis, Nicholas University of New South Wales; Caron, Jeffrey G., McGill University

Actual and ideal sources of coaching knowledge of Chinese coaches

Trudel, Pierre, University of Ottawa; He, Chao, Jiangsu Second Normal University

Chinese high performance diving coaches in Diving Australia: A case study of workplace learning

Mallett, Clifford; Tao, Yi-Che; Rynne, Steven, The University of Queensland

9:30am – 9:45am **Refreshment Break**

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

Sport and Exercise Psychology Symposium – Coaching and Group Dynamics in Sports

Organizer: Ian Boardley, University of Birmingham
Discussant: Daniel Gould, Michigan State University
Moderator: Mark Eys, Wilfried Laurier University

Symposium Overview

Ian Boardley, University of Birmingham

Authentic leadership in sport: Effects on athletes' satisfaction, commitment and enjoyment and the mediating role of autonomy and trust

Bandura, Comille T., Malloy, Ella R., Kavussanu, Maria, University of Birmingham

Transformational coaching behaviors and social identity in youth sport

Bruner, Mark, University of Nipissing; Turnidge, Jennifer; Vierimaa, Matthew; Côté, Jean; Queen's University

Development and initial validation of an indirect measure of automatic transformational leader integrity

Mills, John P., Chichester University; Boardley, Ian D., University of Birmingham

Moral behavior and team cohesion in youth sport: A multilevel analysis

Vierimaa, Matthew, Queens University, Bruner, Mark, University of Nipissing; Turnidge, Jennifer; Côté, Jean; Queen's University

Evaluation of a nationwide, online coach education program: Self-reported changes in coaches' knowledge, attitudes, and behaviors

Driska, Andrew, Michigan State University

Motor Learning and Control Verbal Presentations – Observation

Moderator: Nicola Hodges, University of British Columbia

- 9:45 **The effects of observing a learning model (or two) on motor skill acquisition and retention**
Edward Hebert, Southeastern Louisiana University
- 10:00 **Examining the effects of mixed-models and self-observation on motor skill acquisition within a gymnastics environment**
Rebecca Robertson, University of Ottawa
- 10:15 **Observation viewpoint (1st or 3rd person) interacts with model skill level to influence strategy selection and coordination accuracy/stability in a bimanual task**
John J. Buchanan, Texas A&M University
- 10:30 **Role of visuospatial processes during observational practice: Emergence of the view-dependent and view-independents neural dynamics**
Oh, Hyuk, University of Maryland-College Park; Braun, Allen R., National Institutes of Health - NIDCD;
Reggia, James A., Gentili, Rodolphe J., University of Maryland-College Park
- 10:45 **The impact of mental and physical practice on the motor retention of a dance sequence in dancers and non-dancers**
Haibach, Pamela S., SUNY Brockport; Ballaro, Marisa, College at Brockport
- 11:00 **Motor preparation is affected by physical inactivity in young adults**
Anson, Greg, Cirillo, John, Srzich, Alexa, Finch, Jonathan B., University of Auckland

Motor Development Symposium – Underlying Psychological Mechanisms of Motor Competence

Organizer: An De Meester, Ghent University & David Stodden, University of South Carolina
Discussant: Maureen Weiss, University of Minnesota
Moderator: Phil Esposito, Texas Christian University

Symposium Overview

De Meester, An; Ghent University & Stodden, David, University of South Carolina

Configurations of actual and perceived motor competence among children: associations with motivation for sports and global self-worth

Bardid, Farid, De Meester, An, Tallir, Isabel, Cardon, Greet, Lenoir, Matthieu, Haerens, Leen; Ghent University

The role of scaffolding in physical activity in development of motor and cognitive skills.

Tortella, Patrizia, Fumagalli, Guido, University of Verona

When children's perceived and actual motor competence mismatch: sport participation and gender differences

Ilaria, Masci, Massoli, Emiliano, Forte, Roberta, Forte, Guisepppe, Pesce, Caterina, Italian University of Sport & Movement

Motivational climate profiles, psychological need satisfaction, and well-being among female adolescent athletes

Kipp, Lindsay, Texas State University; Bolter, Nicole, San Francisco State University, Phillips, Alison, University of Minnesota

Sport and Exercise Psychology Symposium — Where Does HIIT fit now? Evaluation of the Current Psychosocial Literature on Interval Exercise

Organizers: Matthew J. Stork, McMaster University; Mary E. Jung, University of British Columbia
Discussant: Costas I. Karageorghis, Brunel University
Moderator: Luc Martin, Queen's University

Symposium Overview

Stork, Matthew J., McMaster University; Jung, Mary E., University of British Columbia

Acute interval exercise: a discussion of key underlying factors

Stork, Matthew J., McMaster University

High-intensity interval training improves memory in young adults

Heisz, Jen, McMaster University

Adherence to High-Intensity Interval Training: A critical examination of current evidence

Jung, Mary E., University of British Columbia

11:30am – 12:30pm **Conference Welcome and Human Kinetics Lecture**

Conference Welcome and Introduction of Human Kinetics Lecturer

Gabriele Wulf, University of Nevada, Las Vegas; NASPSA Past-President

Human Kinetics Lecture – Neural and physiological substrates mediating motor learning and consolidation

Julien Doyon, University of Montreal

12:30am – 1:30pm **Student-Faculty Event and Past-President's Luncheon**

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

Sport and Exercise Psychology Verbal Presentations – Exertion, Fatigue, and Resistance

Moderator: Clare MacMahon, Swinburne University

- 1:45 **Experimental effects of variety support on exercise-related well-being**
Sylvester, Benjamin D., University of British Columbia; Lubans, David R., Eather, Narelle, University of Newcastle; Standage, Martyn, University of Bath; Wolf, Svenja, University of Amsterdam; McEwan, Desmond, Ruissen, GERALYN R., Kaulius, Megan, Crocker, Peter R. E., Beauchamp, Mark R., University of British Columbia
- 2:00 **Effects of cognitive control exertion on task self-efficacy, muscle activation, and muscular endurance performance**
Bray, Steven R., Graham, Jeffrey D., Sonne, Michael WL., McMaster University
- 2:15 **The effects of fatigue on decision making, motivation, and sprint capacity in a soccer interception task.**
Barte, Jeroen, Nieuwenhuys, Arne, Geurts, Sabine, Kompier, Michiel, Radboud University
- 2:30 **Effects of performance feedback on affect and resistance exercise performance**
Graham, Jeffrey D., Bray, Steven R., McMaster University
- 2:45 **Effects of cognitive control exertion on feeling states and performance of a graded exercise test**
Zering, Jennifer C., Graham, Jeffrey D., Langvee, Jason H., Bray, Steven R., McMaster University
- 3:00 **Graded increases in cognitive control exertion reveal a threshold effect on subsequent physical performance**
Brown, Denver M. Y., Bray, Steven R., McMaster University

Motor Learning and Control Symposium – Skilled Anticipation: The role of Contextual Sources of Information

Organizers: Rouwen Cañal-Bruland & David L. Mann; Vrije Universiteit Amsterdam

Moderator: Rouwen Cañal-Bruland

Symposium Overview – Skilled Anticipation: The role of contextual sources of information

Cañal-Bruland, Rouwen; Mann; David L., Vrije Universiteit Amsterdam

I can guess your next move ... what will I do?

Proteau, Luc, Université de Montréal

The use of intrinsic and extrinsic contextual information in sports: performance, presentation and pressure effects

Gray, Rob; Arizona State University

Exploring contextual information usage and anticipatory performance in elite tennis

Farrow, Damian, Victoria University and Australian Institute of Sport; Whiteside, David; Victoria University and Tennis Australia; Reid Machar, Tennis Australia

The contextual dark side: The misuse of probabilistic information in the anticipation of action outcomes

Mann, David L., Schaefers, Teuntje, Cañal-Bruland, Rouwen; Vrije Universiteit Amsterdam

Opponents' action preferences affect action outcome anticipation in team-handball goalkeeping: A replication with novices

Loffing, Florian; Stern, Ricarda; Hagemann, Norbert; University of Kassel

Motor Development Verbal Presentations – Object Control

Moderator: Anastasia Kyvelidou, University of Nebraska at Omaha

- 1:45 **Postural control development in the first year of life**
Kyvelidou, Anastasia, Wickstrom, Jordan F., Senderling, Benjamin, University of Nebraska at Omaha
- 2:00 **Anticipatory planning in joint action object manipulation: An examination of children, young and older adults**
Scharoun, Sara M., University of Waterloo; Bryden, Pamela J., Wilfrid Laurier University; Roy, Eric A., University of Waterloo
- 2:15 **The effects of optic flows on treadmill-elicited newborn stepping**
Siekerman, Kim, Paris Descartes University; Anderson, David I., San Francisco State University; Teulier, Caroline, Paris-Sud University; Barbu-Roth, Marianne, Paris Descartes University
- 2:30 **Motor variability in development: exploring task solutions**
Golenia, Laura, Schoemaker, Marina M., Mouton, Leonora J., Bongers, Raoul M., University of Groningen
- 2:45 **Full-day arm movement data across infancy**
Smith, Beth A., University of Southern California
- 3:00 **Object control (throwing, kicking, catching) in older adults**
Schott, Nadja, Schuetze, Patrick, University of Stuttgart

Motor Learning and Control Verbal Presentations – Movement Disorders

Moderator: Carolee Winstein, University of Southern California

- 1:45 **Using Ecological Momentary Assessments to study the impact of social-cognitive factors on paretic hand use after stroke**
Chen, Yi-An, Lewthwaite, Rebecca, Winstein, Carolee J., University of Southern California
- 2:00 **Using a novel postural assessment device to detect balance deficits following mild traumatic brain injury**
Wright, W. Geoff; Temple University
- 2:15 **Effect of standing on Jebsen Taylor Hand Test performance**
Saba, Ashley, Baer, Jessica, Kolar, Melissa, O'Donnell, Michael, University of South Carolina; Schaefer, Sydney Y., Utah State University; Stewart, Jill C., University of South Carolina
- 2:30 **Does aerobic or goal-based exercise Improve freezing of gait in Parkinson's disease?**
Chow, Rebecca, Wilfrid Laurier University; Silveira, Carolina R. A., Roy, Eric A., University of Waterloo; Intzandt, Brittany N., Almeida, Quincy J., Wilfrid Laurier University
- 2:45 **Power training improves static balance in Parkinson's disease**
Intzandt, Brittany N., Beck, Eric N., Wilfrid Laurier University; Silveira, Carolina R.A., University of Waterloo; Almeida, Quincy J., Wilfrid Laurier University
- 3:00 **Frontal vs. posterior cognitive dysfunction: Does greater risk of dementia lead to a differential gait in Parkinson's disease?**
Silveira, Carolina R. A., Movement Disorders Research and Rehabilitation Centre at Wilfrid Laurier University and University of Waterloo; Roy, Eric A., University of Waterloo; Almeida, Quincy J., Movement Disorders Research and Rehabilitation Centre at Wilfrid Laurier University

3:15pm – 5:15pm **Poster Session #1**

Moderators: Melissa Pangelinan, Auburn University
Mark R. Beauchamp, The University of British Columbia
Jason Boyle, University of Texas at El Paso

See Pages 19-48 of this conference program for a list of the posters. Please set up posters by Noon. If you have an odd-numbered poster, please stand at your poster for the first hour; if you have an even-numbered poster, please stand at your poster for the second hour.

5:15pm – 6:00pm **Early Career Distinguished Scholar Lecture**

Moderator: Gabriele Wulf, University of Nevada, Las Vegas

The motor competence path to health behaviors and outcomes

Lisa M. Barnett, Deakin University

6:00pm – 6:30pm **Presentation of Distinguished Scholar Awards**

6:30pm – 8:00pm **Wine and Cheese Happy Hour**

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

Friday, June 17, 2016

6:30am – 8:00am **JSEP Editorial Board Breakfast Meeting**

8:00am – 12:00pm **Conference Registration** (Registration Desk)

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

Sport and Exercise Psychology Verbal Presentations – Clinical Issues

Moderator: Catherine Sabiston, University of Toronto

- 8:00 **Differential effects of Assisted Cycling Therapy (ACT) on short-term and working memory of adolescents with Down syndrome**
Holzapfel, Simon D., Ringenbach, Shannon D., Mulvey, Genna M., Sandoval-Menendez, Amber M., Birchfield, Natasha, Tahiliani, Shreya R., Arizona State University
- 8:15 **Investigating the effects of high-intensity interval training on inflammation and depression in young adults**
Paolucci, Emily M., Heisz, Jennifer J., McMaster University
- 8:30 **Investigating the prevalence and risk factors of depression symptoms among NCAA Division I collegiate athletes**
Cox, Charles E., St. Francis University; Ross-Stewart, Lindsay, Southern Illinois University, Edwardsville; Knuth, Alexa, Brent, Corinne, Southern Illinois University Edwardsville
- 8:45 **Physical activity moderates the relationship of apolipoprotein E (APOE) genotype and dementia risk: A population-based study**
Kovacevic, Ana, Fenesi, Barbara, Fang, Hanna, McMaster University; Oremus, Mark, University of Waterloo; Raina, Parminder, Heisz, Jennifer J., McMaster University

9:00 **Body image discrepancies are related to reduced physical activity among early adolescents at risk for obesity: A polynomial regression model**
Solomon-Krakus, Shauna, Sabiston, Catherine M., University of Toronto; Henderson, Melanie, University de Montreal

9:15 **Effects of an 8-week aerobic exercise intervention on attention and cognitive control in major depressive disorder**
Olson, Ryan L., Brush, Christopher J., Ehmann, Peter J., Alderman, Brandon L., Rutgers University

Motor Learning and Control Verbal Presentations – Coordination

Moderator: John J. Buchanan, Texas A&M University

8:00 **Dynamic pattern changes of the hip and ankle angles after a trip-training session**
Cone, Brian L., University of North Carolina at Greensboro; Babik, Iryna, University of Delaware; Wittstein, Matthew W., Elon University; Michel, George, University of North Carolina at Greensboro; Kiefer, Adam W., University of Cincinnati; Rhea, Christopher K., University of North Carolina at Greensboro

8:15 **Embeddedness of motor synchrony in circadian rhythm**
Park, Chulwook; Kim, Seonjin; Park, Hyeongsang; Seoul National University and Carello, Claudia, University of Connecticut

8:30 **The effect of walking speed on local dynamic stability depends on the body part measured**
Russell, Daniel M., Old Dominion University; Haworth, Joshua L., Johns Hopkins University; Morrison, Steven, Old Dominion University

8:45 **Outstanding Student Paper Award: Choosing a coordination (bimanual or unimanual) strategy**
Wang, Chaoyi, Shea, Charles H., Texas A&M University

9:00 **Modifying coordination patterns during reaching using reinforcement**
Lin, Tzu-Hsiang, Michigan State University; Denomme, Amber, Siena Heights University; Ranganathan, Rajiv, Michigan State University

9:15 **Adaptations in phase plane dynamics during postural-manual coordination in expert drummers**
Amado, Avelino, van Emmerik, Richard, University of Massachusetts

Motor Development Symposium – Novel Approaches and Assessments Influencing Associations Among Perceived Competence, Motor Competence and Children's Physical Activity

Organizer: David F. Stodden, University of South Carolina

Discussant: Nancy Getchell, University of Delaware

Moderator: Jackie Goodway, Ohio State University

Symposium Overview

Stodden, David F., University of South Carolina

Pre-schoolers physical activity predicts actual and perceived motor competence at school starting age

Barnett, Lisa M.; Hesketh, Kylie; Deakin University

Performance outcomes associated with a year-long mastery motivational climate physical education program for preschoolers

Rudisill, Mary E., Wadsworth, Danielle D.; Hernandez, Mynor R.; Irwin, Jacqueline M.; Auburn University

Associations among motor competence, perceived motor competence and physical activity in children

De Meester, An; Ghent University; Stodden, David F.; University of South Carolina; Goodway, Jackie; Ohio State University

Reliability and internal consistency of a digital-based instrument to examine perceived motor competence in preschool aged children

Palmer, Kara; University of Michigan; Brian, Ali; University of South Carolina; Robinson, Leah E.; University of Michigan

Perceptions of competence and motivation: measurement concerns and solutions

Rudisill, Mary E., Wadsworth, Danielle D.; Irwin, Jacqueline M.; Auburn University

Sport and Exercise Psychology Symposium – Addressing Population Level Mental Health Through Organised Sports

Organizer: Stewart Vella, University of Wollongong

Moderator: Bradley W. Young (University of Ottawa)

A national and sustainable sports-based intervention to improve mental health and wellbeing among adolescent males

Vella, Stewart; Swann, Christian; University of Wollongong; Telenta, Jo; Jones, Sandra; Australian Catholic University; Liddle, Sarah; Hurley, Diarmuid; Deane, Frank; University of Wollongong; Boydell, Katherine; Fogarty, Andrea; University of New South Wales; Okely, Anthony; University of Wollongong

A multi-component intervention to increase psychological wellbeing, mental health literacy, and help-seeking intentions among adolescent male athletes

Vella, Stewart; Swann, Christian; University of Wollongong; Telenta, Jo; Jones, Sandra; Australian Catholic University; Liddle, Sarah; Deane, Frank; University of Wollongong

An internet-supported coach training program for creating a needs-supportive motivational climate among adolescent male athletes

Vella, Stewart, University of Wollongong; Lonsdale, Chris; Australian Catholic University; Liddle, Sarah; Swann, Christian; University of Wollongong; Keegan, Richard; University of Canberra

A mental health literacy program for parents to promote mental health and wellbeing among adolescent male athletes

Hurley, Diarmuid; Stewart, Vella; Allen, Mark; Okely, Anthony; Swann, Christian; University of Wollongong

9:30am – 9:45am **Refreshment Break**

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

Sport and Exercise Psychology Verbal Presentations – Physical Activity I

Moderator: Bernd Strauss, University of Münster

9:45 **Intergenerational change in active free play among families in rural and urban areas**

Holt, Nick I., Neely, Kacey C., Pynn, Shannon, Ingstrup, Meghan, Spence, John C., Carson, Val, Robinson, Zac, deBeaudrap, Hayley, University of Alberta

10:00 **Which type of physical activity should be encouraged to enhance perceived relatedness to others in physical activity among youth?**

Dore, Isabelle, O'Loughlin, Jennifer, Fournier, Louise, University of Montreal

10:15 **Outstanding Student Paper Award: Currently felt emotions and anticipated emotions predict future physical activity: an examination of pride and shame**

Gilchrist, Jenna D., University of Toronto; Conroy, David E., The Pennsylvania State University; Sabiston, Catherine M., University of Toronto

10:30 **A Systematic Review of Physical Activity Interventions for Caregivers: Effects on caregivers' and care recipients' reported outcomes**

Hutt, Eric A., Lambert, Sylvie N/A., Duncan, Lindsay R., McGill University

10:45 **Parental Social Control and Changes in Physical Activity of Preschool-Aged Children: A Diary Study**

Wilson, Kathleen S., California State University, Fullerton

- 11:00 **Physical activity and well-being in 8-9 year old children from social disadvantage: Testing a self-determination theory model**
Shannon, Stephen, Brennan, Deirdre, Fitzpatrick, Ben, Ulster University; Hanna, Donncha, Queen's University; Breslin, Gavin, Ulster University

Motor Learning and Control Verbal Presentations – Visual Processes

Moderator: Charles H. Shea, Texas A&M University

- 9:45 **Pointing movements and visual illusion: Van Donkelaar (1999) revisited**
Panzer, Stefan, Institute of Sport Science; Leinen, Peter, Saarland University
- 10:00 **Gaze strategies in peripheral motion detection: On the superiority of anchoring over tracking**
Vater, Christian, Klostermann, Andre, Hossner, Ernst-Joachim, University of Bern
- 10:15 **The effects of visual and proprioceptual sensory conflict on U.S.A. Navy pilots**
Porter, Jared M., Southern Illinois University Carbondale; Geeseman, Joseph W., United States Navy
- 10:30 **Don't fence me in: Does perception of stimulus closure contribute to illusory biases in Muller-Lyer configurations**
Cappelletto, Jessica, Roberts, James W., Lyons, James L., McMaster University
- 10:45 **Is the answer to prevention of sport traumatic brain injury right in front of our eyes?**
Kiefer, Adam; DiCesare, Christopher; Cincinnati Children's Hospital Medical Center; Nalepka, Patrick; University of Cincinnati; Myer, Gregory; Cincinnati Children's Hospital Medical Center
- 11:00 **Can a smartphone app be used to objectively measure neuromotor control after a concussion?**
Rhea, Christopher K., Kuznetsov, Nikita A., Long, Benjamin, MacPherson, Ryan P., Jakiela, J T., University of North Carolina at Greensboro; Robins, R K., Temple University; Haran, F. Jay, Ross, S E., University of North Carolina at Greensboro; Wright, W. Geoff, Temple University

Motor Development Verbal Presentations – Motor Coordination

Moderator: Jin Bo, Eastern Michigan University

- 9:45 **Product oriented throwing, kicking and jumping motor performance data across childhood**
Sacko, Ryan S., Pfeifer, Craig, Nesbitt, Danielle, Stodden, David F., University of South Carolina
- 10:00 **The 2D : 4D ratio, hand dominance, and gender**
Protopapas, Helen A.M., Bryden, Pamela J., Wilfrid Laurier University
- 10:15 **Jumping from heights: Children's perception of a jump affordance from a platform to the ground**
Cordovil, Rita, Pascoal, Joana, Burnay, Carolina, Faculdade de Motricidade Humana, Universidade de Lisboa
- 10:30 **Age differences in movement coordination are dependent on task difficulty**
Padmanabhan, Malavika R., Lee, Mei-Hua, Michigan State University
- 10:45 **Drop landing in children**
Romack, Jennifer L., Rosales, Marcelo R., Angulo-Barroso, Rosa M., California State University, Northridge
- 11:00 **Postural change with advancing age as a function of task difficulty**
Rath, Ruth C., Wade, Michael G., University of Minnesota

Sport and Exercise Psychology Verbal Presentations – Disabilities and Injuries

Moderator: Joseph Baker, York University

- 9:45 **Can Emotional Disclosure Promote Stress-Related Growth Following Sport Injury?**
Salim, Jade, Wade, Ross, St. Mary's University, Twickenham
- 10:00 **Videoconference-delivered physical activity peer support for adults with a spinal cord injury: A pilot study**
Jeske, Samantha J.D., University of Toronto; Brawley, Lawrence R., University of Saskatchewan; Sabiston, Catherine M., Thomas, Scott G., Arbour-Nicitopoulos, Kelly P., University of Toronto
- 10:15 **Exploring the role of self-compassion in women athletes' emotionally painful experiences of injury in sport**
Spencer, Nicole M., Kowalski, Kent C., Ferguson, Leah J., Erlandson, Marta C., University of Saskatchewan
- 10:30 **Exploring the sport pathways of military veterans with a physical disability**
Shirazipour, Celina H., Latimer-Cheung, Amy E., Queen's University
- 10:45 **Assessing the impact of Moving to Inclusion (MTI) online**
Sharma, Ritu, University of Toronto; McEachern, Brittany M., Queen's University; Arbour-Nicitopoulos, Kelly P., University of Toronto; Tomasone, Jennifer R., Queen's University
- 11:00 **Development of para-athletes: A systematic literature review**
Dehghansai, Nima, Lemez, Srdjan, York University; Wattie, Nick, University of Ontario Institute of Technology; Baker, Joseph, York University

11:30am – 12:30pm Motor Control and Learning Keynote Lecture

Neural basis of bimanual coordination: Brain structure, function and connectivity in relation to motor behavior

Stefan Swinnen, KU Leuven

Moderator: David L. Wright, Texas A&M University

1:00pm – 2:45pm Business Meeting and Award Lunch (pick up lunch box at 12:30pm)

3:00pm – 4:30pm Senior Lecturer Presentations

Moderator: Maureen R. Weiss, University of Minnesota

(Action) Observations on Motor learning and skilled performance

Nicola Hodges, University of British Columbia

The Köhler Effect: From Jocks to Smocks to Exergames

Deborah L. Feltz, Michigan State University

Autonomy-supportive climates: Motivating children to move and learn

Mary Rudisill, Auburn University

4:30pm – 6:30pm Poster Session #2

Moderators: Anastasia Kyvelidou, University of Nebraska at Omaha
Yu-Kai Chang, National Taiwan Sport University
Deanna Kennedy, Texas A&M University

See Pages 19-48 of this conference program for a list of the posters. Please set up posters by Noon. If you have an odd numbered poster, please stand at your poster for the first hour. If you have an even numbered poster, please stand at your poster for the second hour.

6:30pm **Student Meeting followed by Student Social (Location)**

6:30pm Student Meeting

7:30pm Student Social

Saturday, June 18, 2016

7:00am – 8:00am **JMLD Editorial Board Breakfast Meeting**

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

Sport and Exercise Psychology Verbal Presentations – Motivation and Behavior

Moderator: Nicholas D. Myers, University of Miami

- 8:00 **The mediating effect of relatedness on the relationship between Facebook and exercise motivation**
Divine, Alison L., Western University; Watson, Paula M., John Moores University Liverpool; Hall, Craig R., Western University
- 8:15 **Latent growth analysis of levels of health coaching on motivation: A 12-month RCT**
Kaye, Miranda P., Pennsylvania State University; Sforzo, Gary A., Micale, Frank, Ithaca College
- 8:30 **"Actually, I planned to go the gym but then I didn't feel good about it": Explicit-implicit evaluation differences predict habitual exercise volumes.**
Brand, Ralf, Antoniewicz, Franziska, Schinke, Michaela, University of Potsdam, Sport and Exercise Psychology
- 8:45 **An exercise in resistance: Inoculation messaging as a strategy for protecting motivation during a monotonous and controlling exercise class**
Jackson, Ben, Gagne, Marylene, Proud, Lauren, Howle, Timothy C., Dimmock, James A., The University of Western Australia
- 9:00 **Self-compassion and sport motivation: Do gender and class standing matter?**
Dobersek, Urska, Mayol, Mindy M., Everett, Lee, Bryant, Lindsey, University of Indianapolis
- 9:15 **Sport and non-sport practitioners: perception of unsporting behaviors: influence of individual and external factors**
Limon Luque, Margarita, University Autonoma of Madrid (Spain); Rodriguez, Alejandra, Universidad Autonoma Madrid; Borrás, Pablo, Estudiantes Basketball Club

Motor Learning and Control Verbal Presentations – Gait and Posture

Moderator: Rodolphe Gentili, University of Maryland-College Park

- 8:00 **Postural sway inaccuracies using the Wii balance board: A mathematical description**
Liddy, Joshua J., Purdue University; Chagdes, James R., Miami University; Arnold, Amanda J., Claxton, Laura J., Haddad, Jeffrey M., Purdue University
- 8:15 **Reduction of pelvis rotation during treadmill walking: implications on upper limb kinematics and muscle activity**
Canton, Stephen P., Kessler Foundation; MacLellan, Michael J., Louisiana State University

- 8:30 **Movement planning and postural adjustment in single and multiple step initiation**
Sun, Ruopeng, Indiana University Bloomington; Zhao, Tianyu, Indiana University; Shea, John B., Indiana University Bloomington
- 8:45 **Reliability of movement timing metrics provided by a portable gait assessment protocol**
Kuznetsov, Nikita A., Cone, Brian, Schleich, Kristen N., Guthmann, Deborah, Ross, Scott E., Long, Benjamin, University of North Carolina at Greensboro; Robins, Rebecca K., Wright, Geoffrey G., Temple University; Haran, Jay F., Rhea, Christopher K., University of North Carolina at Greensboro
- 9:00 **Fractal dynamics and gait adaptability during asymmetrical walking**
Ducharme, Scott W., University of Massachusetts, Amherst; Liddy, Joshua J., Haddad, Jeffrey M., Purdue University; Busa, Michael A., University of Massachusetts, Amherst; Claxton, Laura J., Purdue University; Van Emmerik, Richard EA., University of Massachusetts, Amherst
- 9:15 **Characterizing neuromuscular control processes that underlie postural stabilization via a forced harmonic oscillator model: A comparison of athletes returning to play after anterior cruciate ligament reconstruction and healthy athletes**
Dicesare, Christopher, Kiefer, Adam W., Cincinnati Children's Hospital Medical Center; Baxter, Josh R., University of Pennsylvania; Sugimoto, Dai, The Micheli Center for Sports Injury Prevention; Ganley, Theodore J., Children's Hospital of Philadelphia; Myer, Gregory D., Cincinnati Children's Hospital Medical Center

Motor Development Symposium – Global Perspectives on Promoting Motor Competence and Physical Activity in the Early Years: Implications to Practice and Policy

Organizer: Jacqueline Goodway, The Ohio State University
Discussant: Jacqueline Goodway, The Ohio State University
Moderator: Nancy Getchell, University of Delaware

Symposium Overview

Goodway, Jacqueline; The Ohio State University; Brian, Ali; University of South Carolina; Bardid, Farid; Ghent University

Complexity thinking and early childhood movement and physical activity

Jess, Mike; University of Edinburgh

Cross-cultural comparison of fundamental motor skills in children from Belgium and the United States

Brian, Ali; University of South Carolina; Bardid, Farid; Ghent University; Barnett, Lisa; Deakin University; Deconinck, Frederik; Lenoir, Matthieu; Ghent University; Goodway, Jacqueline D.; The Ohio State University

Who is sitting on the playground? Examining the underlying mechanisms associated with being physically active during free play on the playground in preschoolers

Tsuda, Emi; Goodway, Jacqueline D.; Famelia, Ruri; The Ohio State University; Brian, Ali; University of South Carolina;

Investigating the motor competence and physical activity of Indonesian, Muslim preschoolers from urban and rural areas

Ruri Famelia; Jacqueline D. Goodway; The Ohio State University; Bakhtiar, Syahrial; Mardela, Romi; State University of Padang;

Examining the impact of the foundation phase on young children's motor development

Wainwright, Nalda; University of Wales; Jacqueline D. Goodway; The Ohio State University; Whitehead, Margaret; University of Bedfordshire; Williams, Andy; University of Wales; Kirk, David; University of Strathclyde

Sport and Exercise Psychology Verbal Presentations – Physiology and Performance

Moderator: Karen Zentgraf, University of Münster

- 8:00 **Neural correlates of choking under pressure: A high-resolution fMRI study**
Miller, Matthew, Lohse, Keith R., Grand, Kirk F., Robinson, Jennifer L., Auburn University
- 8:15 **Relationship between Sleep Quality, Sleep Duration and Distributed Attention Performance in an Athletic Population**
McCaffrey, Rob J., Dorsch, Kim, Mosiondz, Kyla, Harenberg, Sebastian, Neary, Patrick, University of Regina
- 8:30 **The association between cardiovascular fitness and inhibitory function in the elderly: An event-related desynchronization study**
Chu, Chien-Heng, Wu, Chih-Han, Wang, Chun-Chih, Chang, Yu-Kai, National Taiwan Sport University
- 8:45 **Attentional focusing in running: Indirect focus manipulations reflect the effects for direct verbal instructions**
Schücker, Linda, Hill, Antje, Babel, Shakti, University of Münster; Hagemann, Norbert, University of Kassel
- 9:00 **Emotion regulation strategies uniquely alter gaze behavior and goal-directed motor performance**
Beatty, Garrett F., Janelle, Christopher M., University of Florida
- 9:15 **The association between sleep hygiene and self-reported sleep quality in elite athletes**
Knufinke, Melanie, Nieuwenhuys, Arne, Geurts, Sabine A.E., Behavioural Science Institute, Radboud University; Coenen, Anton M.L., Donders Center for Cognition, Radboud University; Kompier, Michael A.J., Behavioural Science Institute, Radboud University

9:30am – 9:45am **Refreshment Break**

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

Sport and Exercise Psychology Symposium – Perfectionism in Sport, Dance, and Physical Education

Organizer: Daniel J. Madigan, University of Kent
Discussant: Patrick Gaudreau, University of Ottawa
Moderator: Maria Kavussanu, University of Birmingham

Symposium Overview - Perfectionism in sport, dance, and physical education: helping or hindering performance, learning, and well-being?

Madigan, Daniel J., University of Kent

On performance, pressure, and pointlessness: elite dance students' and teachers' perceptions of perfectionism

Nordin-Bates, Sanna M.; The Swedish School of Sport and Health Sciences

Perfectionism, coping, and burnout among varsity athletes: a person-centered approach to investigating group differences and mediation

Pacewicz, Christine E.; Michigan State University; Gotwals, John K.; Lakehead University; Blanton, Jedediah E., University of Tennessee, Knoxville

Motivation mediates the perfectionism-burnout relationship: a three-wave longitudinal study with junior athletes

Madigan, Daniel J.; Stoeber, Joachim; Passfield, Louis; University of Kent

Perfectionism and adjustment of soccer players: A test of the 2 x 2 model of perfectionism

Verner-Filon, Jeremie; Vallerand, Robert; University of Quebec

Perfectionism and learning in physical education: growth curve modeling of the 2 x 2 model of perfectionism

Gaudreau, Patrick; University of Ottawa; Louvet, Benoit; University de Rouen

Motor Learning and Control Verbal Presentations – Cognitive Load

Moderator: A. Mark Williams, Brunel University, London

- 9:45 **Improved postural control when performing a cognitive task is not due to stiffening of the ankle joint**
Richer, Natalie, Polskaia, Nadia, Lajoie, Yves, University of Ottawa
- 10:00 **The effects of attentional focus on brain activation when performing a leg flexion and extension task**
Diekfuss, Jed A., The University of North Carolina at Greensboro; Grooms, Dustin R., Ohio University;
Schmitz, Randy J., The University of North Carolina at Greensboro; Kraft, Robert A., Wake Forest
University; Raisbeck, Louisa D., The University of North Carolina at Greensboro
- 10:15 **Searching for the optimal focus of attention in running**
Hill, Antje, Schuecker, Linda, University of Münster (WWU); Hagemann, Norbert, University of Kassel
- 10:30 **The effects of autonomous difficulty progression on engagement and learning during a motion-controlled video game task**
Leiker, Amber, Auburn University; Bruzi, Alessandro, Universidade Federal de Lavras; Nelson, Monica,
Wegman, Rebecca, Miller, Matthew, Lohse, Keith, Auburn University
- 10:45 **Postural sway and ankle stiffness during continuous cognitive tasks and internal and external focus of attention**
Saunders, Deanna, Richer, Natalie, Phillion, Annabelle, Lajoie, Yves, University of Ottawa
- 11:00 **The influence of external and internal focus of attention exercise on symptoms and automaticity in Parkinson's disease: A single blind randomized controlled trial**
Beck, Eric N., Intzandt, Brittany N., Almeida, Quincy J., Movement Disorders Research and Rehabilitation
Centre, Wilfrid Laurier University

Sport and Exercise Psychology Verbal Presentations – Cognitive Functions and Performance

Moderator: Chris Janelle, University of Florida

- 9:45 **The content of cognitive general imagery use in curling**
Kouali, Despina, Westlund Stewart, Nicole, Hall, Craig R., Western University
- 10:00 **A critical view on the notion that exercise improves cognitive performance**
Liu, Sicong, Lebeau, Jean-Charles, Tenenbaum, Gershon, Florida State University
- 10:15 **Elite athletes do not outperform recreational athletes in non-sports-specific cognitive measures of processing speed, memory span, letter readout speed and sustained attention**
Heppe, Holger, Fleddermann, Marie-Therese, Kohler, Axel, Zentgraf, Karen, University of Münster
- 10:30 **The effect of aerobic fitness on variations of the flanker paradigm**
Schott, Nadja, Diesch, Jessica, Klotzbier, Thomas, University of Stuttgart
- 10:45 **Why athletes use cognitive general imagery in curling: A qualitative investigation**
Westlund Stewart, Nicole, Kouali, Despina, Hall, Craig R., Western University
- 11:00 **Testing the effects of a short duration self-talk intervention on performance**
Clesi, Christian D., University of Alabama Birmingham; Rector, Richard V., Birmingham-Southern College

Sport and Exercise Psychology Verbal Presentations – Groups and Team Factors

Moderator: Costas I. Karageorghis, Brunel University

- 9:45 **Exergamers' preferences and intentions**
O'Loughlin, Erin K., Concordia; Scarapicchia, Tanya, Toronto; kakinami, Lisa; Barnett, Tracie, Concordia; Sabiston, Catherine M., Toronto
- 10:00 **Characterizing Exercise Relationships: Communication, Closeness, and Performance**
Max, Emery J., Wittenbaum, Gwen M., Feltz, Deborah L., Michigan State University
- 10:15 **Can a virtual partner be a real teammate? Group and team perceptions in an exergame intervention**
Hill, Christopher R., Ede, Alison, Samendinger, Stephen, Winn, Brian, Pivarnik, James M., Michigan State University; Ploutz-Snyder, Lori, Universities Space Research Association; Feltz (PI), Deborah L., Michigan State University
- 10:30 **Pleased to meet you? The consequences of newcomer integration processes in sport teams**
Benson, Alex J., Wilfred Laurier University; Eys, Mark A., Wilfrid Laurier University
- 10:45 **Perceptions of competition under zero-sum and within-group conditions in a motor-task game**
Harenberg, Sebastian, McCaffrey, Rob, University of Regina; Fitzgerald, Ryan, University of Portsmouth; Evans, M. Blair, The Pennsylvania State University; Willfong, Fleesha, Moisondz, Kyla, Michaud, Celia, University of Regina
- 11:00 **Student-athletes' experiences of bullying on interuniversity teams**
Jewett, Rachel, MacPherson, Ellen, Kerr, Gretchen, Stirling, Ashley, University of Toronto

11:30am – 12:30pm Motor Development Keynote Lecture

Motor coordination and child health: Understanding the connections

John Cairney, McMaster University

Moderator: Jacqueline Goodway, The Ohio State University

12:30pm – 1:15pm Lunch on your own (Conference participants)

1:15pm – 2:15pm Sport and Exercise Psychology Keynote Lecture

A recipe for success? The role of autonomy and interpersonal support in the pursuit of personal goals

Richard Koestner, McGill University

Moderator: Bernd Strauss, University of Münster

2:30pm – 4:00pm Concurrent Sessions

Sport and Exercise Psychology Symposium – HIIT me baby one more time: The efficacy of dissociative techniques during high-intensity exercise

Organizer: Costas I. Karageorghis, Brunel University

Moderator: Steven Bray, McMaster University

Discussant: Jung, Mary E., University of British Columbia

The Diabetes project: Effects of music and music-video during exercise in a clinical setting

Karageorghis, Costas I., Brunel University; Pottratz, Suzanne, Springfield College; Black, Jessica, Mercy Medical Center,

Cerebral mechanisms underlying music use during exhaustive exercise

Bigliassi, Marcelo; Costas I. Karageorghis; Nowicky, Alexander; Wright, Michael; Brunel University; Orgs, Guido, University of London

Psychological and psychophysiological effects of recuperative music in repetitive high-intensity exercise

Jones, Leighton; Tiller, Nicholas; Sheffield Hallam University; Karageorghis, Costas I., Brunel University

Exploring the efficacy of dissociative techniques during high-intensity exercise: An applied perspective

Karageorghis, Costas I., Brunel University

Sport and Exercise Psychology Verbal Presentations – Physical Activity II

Moderator: Catherine Sabiston, University of Toronto

- 2:30 **Adherence to home-based intermittent walking: Factors contributing to successful and unsuccessful self-regulation**
Burke, Shaunna, Lancaster, Rosalind, Birch, Karen, Ferguson, Carrie, University of Leeds
- 2:45 **The Role of yoga-based physical education in reducing body surveillance and promoting physical activity motivation**
Cox, Anne E., Ullrich-French, Sarah, Washington State University; Howe, Holly S., University of Toronto
- 3:00 **A retrospective exploration of sibling relationships in elite youth sport: Perceptions of the parental role**
Nelson, Kendra, University of Western Ontario; Strachan, Leisha, University of Manitoba
- 3:15 **Direct, indirect and reciprocal relationships between psychological need satisfaction and physical activity in adolescents: their effect on health-related quality of life**
Gunnell, Katie E., Children's Hospital of Eastern Ontario; Brunet, Jennifer, University of Ottawa; Sabiston, Catherine M., University of Toronto; Bèlanger, Mathieu, Université de Sherbrooke
- 3:30 **Testing the multi-process action control model in a randomized controlled trial**
Kaushal, Navin, Memorial University; Rhodes, Ryan E., University of Victoria
- 3:45 **Perceptions of sibling relationships, modeling, and shared activities in youth sport**
Blazo, Jordan A., Louisiana Tech University; Smith, Alan L., Michigan State University; Whiteman, Shawn D., Purdue University

Motor Learning and Control Verbal Presentations – Stressors and Performance

Moderator: Arend Van Gemmert, Louisiana State University

- 2:30 **The effects of two stress types on motor learning and practice specificity**
Aiken, Christopher, Alma College; Van Gemmert, Arend W. A., Louisiana State University
- 2:45 **The psychological factors mediating post-intervention improvements in older-adult functional balance**
Ellmers, Toby J., Brunel University London; Paraskevopoulos, Ioannis, University of Greenwich; McIntyre, Anne, Williams, A. Mark, Young, William R., Brunel University, London
- 3:00 **The effects of anxiety and situation-specific context on perceptual-motor skill: A multi-level investigation**
Runswick, Oliver R., Roca, Andre, St. Mary's University, Twickenham, London; Williams, A. Mark, Brunel University, London; North, Jamie S., St. Mary's University, Twickenham, London
- 3:15 **High ambient temperature levels do not influence motor learning**
Becker, Kevin A., Texas Woman's University; Aiken, Christopher A., Alma College; Rodriguez, Xochilt, Texas Woman's University; Van Gemmert, Arend W. A., Louisiana State University
- 3:30 **Performance on a choice-reaction time task is not affected by physical stress in the form of high ambient temperature**
Aiken, Christopher A., Alma College; Becker, Kevin A., Lee, Adrian, Texas Women's University; Post, Philip G., New Mexico State University; Van Gemmert, Arend W. A., Louisiana State University

- 3:45 **How anxiety and incremental secondary task demands impact processing efficiency, visual search, and gait kinematics in older adults**
Cocks, Adam J., Young, William R., Ellmers, Toby J., Brunel University London; Jackson, Robin C., Loughborough University; Williams, A. Mark, Brunel University, London

Sport and Exercise Psychology Verbal Presentations – Social Psychology and Personality Factors

Moderator: Patrick Gaudreau, University of Ottawa

- 2:30 **A meta-analytic review of prosocial and antisocial behavior in sport**
Graupensperger, Scott A., Jensen, Cjersti, Bowling Green State University
- 2:45 **Relative age effects and positive youth development**
Hancock, David J., Indiana University Kokomo
- 3:00 **Implicit red-dominance associations: Implications for sports behavior**
Mentzel, Stijn, Schücker, Linda, University of Münster; Hagemann, Norbert, University Kassel
- 3:15 **Examining the cohesion/effort relationship: Effects of nominating versus being nominated for expending effort**
McLaren, Colin D., Spink, Kevin S., Ulvick, Jocelyn D., University of Saskatchewan
- 3:30 **Self-regulatory fit: Person, situation, and instruction interactions in sport**
Wegner, Mirko, Gretzer, Ramon, University of Bern; Budde, Hennig, Medical School Hamburg; Schueler, Julia, University of Bern
- 3:45 **The Moral Disengagement in Doping Scale**
Kavussanu, Maria, University of Birmingham; Hatzigeorgiadis, Antonis, University of Thessaly; Elbe, Anne-Marie, University of Copenhagen; Ring, Christopher, University of Birmingham

4:00pm – 6:00pm Poster Session #3 (Cash Bar)

Moderators: Phil Esposito, Texas Christian University
Norbert Hagemann, University of Kassel
Attila Kovacs, University of Wisconsin – La Crosse

See Pages 19-48 of this conference program for a list of the posters. Please set up posters by Noon. If you have an odd numbered poster, please stand at your poster for the first hour. If you have an even numbered poster, please stand at your poster for the hour.

7:00pm NASPSPA Banquet (Off-Site at The Forum; bring your ticket)

7:00-7:45pm Cocktails
8:00pm Dinner (Dancing will follow dinner)

Sunday, June 18, 2016

8:30am – 10:30am **Executive Committee Meeting – Old and Incoming Members**

Poster Sessions

NASPSPA Poster Session #1 – Thursday, June 16, 2016

Motor Development

1. **Clinical validity of the Test of Gross Motor Development - 3rd Edition for children with identified disabilities**
Pitchford, E. Andrew, University of Michigan; Webster, E. Kipling, Louisiana State University; Ulrich, Dale A., University of Michigan
2. **Reliability of physical activity measurement in infants: A Generalizability study to determine minimal days and hours of monitoring**
Ulrich, Dale A., Pitchford, E. Andrew, Ketcheson, Leah, Kwon, Hyun Jin, University of Michigan
3. **Physical activity in toddlers: How many days and hours of accelerometer measurement do we need?**
Pitchford, E. Andrew, University of Michigan; Hauck, Janet L., Michigan State University; Ulrich, Dale A., University of Michigan
4. **The effects of physical activity on physical fitness among children with intellectual and developmental disabilities**
Collins, Kyla J., Staples, Kerri L., University of Regina
5. **Does Participation in physical activity influence physical literacy among children with intellectual and development disabilities?**
Lautenslager, Sara E., Federink, Amanda, McLeod, Kendra, Collins, Kyla, Bellerive, Andrea, Staples, Kerri, U of R
6. **Drive to move and have fun! The preliminary results of applying modified ride-on toy car (ROC) training in toddlers with disabilities**
Huang, Hsiang-Han, Chen, Yi-Mei, Chang Gung University; Huang, Xuan-Wen, Chang Gung; Chen, Chia-Ling, Chang Gung University
7. **Exploring strength and hypermobility in children without joint hypermobility syndromes across a spectrum of movement proficiency.**
Thornton, Ashleigh L., The University of Western Australia; Wright, Kemi, Licari, Melissa K., Furzer, Bonnie J., The University of Western Australia
8. **The role of visual feedback and age when grasping and transferring objects in a virtual environment**
Mason, Andrea H., University of Wisconsin - Madison; Grabowski, Patrick J., Rutherford, Drew N., University of Wisconsin – LaCrosse
9. **Relationship between children's knowledge of skill cues and their motor skill performance**
Valentini, Nadia C., Universidade Federal do Rio Grande do Sul; Hastie, Peter A., Rudisill, Mary E., Auburn University
10. **How infants really learn to walk**
Lee, Do Kyeong, New York University; Golenia, Laura, University of Groningen; Cole, Whitney G., Adolph, Karen E., New York University
11. **Developmental relationship between the recognition of gravity and the effect of projection speed on catching behavior**
Mori, Shiro, Nakamoto, Hiroki, Ikudome, Sachi, Kisho, Ogasa, National Institute of Fitness and Sports in Kanoya
12. **Posture, locomotor skill onsets, and spatial exploration in infants: A longitudinal study**
Thurman, Sabrina L., Corbetta, Daniela, University of Tennessee Knoxville
13. **Infants show a preference for social images in the first year of life**
Wickstrom, Jordan, University of Nebraska-Omaha; Ambati, Pradeep, University of Nebraska at Omaha; Wehrle, Lauren, Senderling, Benjamin, Kyvelidou, Anastasia, University of Nebraska Omaha

14. **3-month-old Infants continue to step in the air when stepping on a surface has waned**
Anderson, David I., San Francisco State University; Provasi, Joelle, Ecole Pratique des Hautes Etudes; Barbu-Roth, Marianne, Paris Descartes University
15. **Motor skills and physical activity in 18 month-olds**
Felzer-Kim, Isabella T., Michigan State University Kinesiology; Hauck, Janet L., Michigan State University
16. **Impact of adiposity on postural control at the onset of sitting**
Dinkel, Danae, UNO; Kyvelidou, Anastasia, Senderling, Ben, Snyder, Kailey, Lee, Jung-Min, University of Nebraska at Omaha
17. **Relationship between posturography and the gross motor portion of the mullen scales of early learning in infants**
Motz, Zachary, Taubehneim, Mariah, Wickstrom, Jordan, Senderling, Benjamin, Ambati, Pradeep, Kyvelidou, Anastasia, University of Nebraska at Omaha
18. **Motor development of infants living in prison environment: Comparisons with Brazilian and Canadian normative data**
Pereira, Keila R G., Valentini, Nadia C., UFRGS; Saccani, Raquel, Universidade de Caxias do Sul
19. **Effect of perturbations on gait when infants learned to cruise**
Sansom, Jennifer K., Dornbos, Kara, Recla, Margo, Roberts, Kelsey, Central Michigan University

Motor Learning and Control

20. **The visual detection of doorway affordances in people with Parkinson Disease**
Sidaway, Ben, Aaroe, Aimee, Albert, Monique, Brasier, Kristen, Desrosiers, Garrett, Keith, Megan, Laniewski, Alexandra, Knowles, Jaime, Morell, Caryce, Prada, Jason, Husson University
21. **Effects of Taekwondo intervention on balance in children with autism spectrum disorder**
Kim, Yumi, Todd, Teri, Fujii, Takuto Jimmy., Jeng, Brenda, Vrongistinos, Konstatinos, Jung, Taeyou, California State University, Northridge
22. **Effects of Parkinson's disease on spatial control in bimanual coordination**
Pan, Zhujun, Mississippi State University; Van Gemmert, Arend W. A., Louisiana State University
23. **Transfer effect of adaptation of the dominant hand to the other in individuals with probable DCD**
Bo, Jin, Lee, Chi-Mei, Eastern Michigan University
24. **Prognostic utility of neuromotor and neurocognitive performance in predicting return-to-full-duty duration after a concussion in military personnel**
Jakiela, Jason T., Ross, Scott E., Labban, Jeffrey D., Kuznetsov, Nikita A., University of North Carolina at Greensboro; Norris, Jacob N., McCarron, Richard M., Navy Medical Research Center; Haran, Francis J., Naval Submarine Medical Research Laboratory; Rhea, Christopher K., University of North Carolina at Greensboro
25. **Influence of concussion history on pre-season neuromotor and neurocognitive performance in female American football players**
Schleich, Kristen N., Washington, Leah, Glass, Steven M., Ross, Scott E., Etnier, Jennifer L., Duffy, Donna M., Rhea, Christopher K., University of North Carolina at Greensboro
26. **The effects of aquatic exercise on gait and strength in individuals with multiple sclerosis**
Lange, Allison M., Smith, Kelsea, Lim, Hyosok, Hurtado, Ileana, Jara, Mai N., Vrongistinos, Konstantinos, Jung, Taeyou, California State University Northridge
27. **Motor and verbal perspective taking in children with Autism Spectrum Disorder**
Studenka, Breanna E., Cummins, Daisha L., Gillam, Sandra, Gillam, Ron, Utah State University; Hartzheim, Daphne, Louisiana State University; Myers, Kodey, Utah State University

28. **Effects of treadmill walking with visual feedback on gait outcomes in people post-stroke**
Hurtado, Ileana, California State University, Northridge; Jung, Taeyou, Jara, Mai, Vrongistinos, Konstantinos, Lopez, Michael, Mbanugo, Nnamdi, Gorospe, Jon, California State University Northridge
29. **The cognitive representation of complex actions in work processes: A technological approach for individual diagnostic in people with cognitive disabilities**
Vogel, Ludwig, Bielefeld University; Schack, Thomas, Bielefeld university
30. **The influence of dopaminergic modulation on internal and external focus of attention during postural stability tasks in Parkinson's disease**
Beck, Eric N., Almeida, Quincy J., Movement Disorders Research and Rehabilitation Centre, Wilfrid Laurier University
31. **Dynamics of self-efficacy and performance change with balance practice in individuals with Parkinson's disease**
Chung, Yu-Chen, University of Southern California; Lewthwaite, Rebecca, Rancho Los Amigos National Rehabilitation Center; Winstein, Carolee J., Fisher, Beth E., University of Southern California
32. **Motor learning in Parkinson's disease: The impact of context on individuals with mild cognitive impairment**
Kuo, Yi-Ling, Petzinger, Giselle, Fisher, Beth, University of Southern California
33. **Psycho-social factors that cause the difference between actual movement capability and self-perceived ability of upper extremity for stroke patients**
Hsu, Stephen, Chen, Shuya, China Medical University
34. **Cognitive priming facilitates rehabilitation in chronic stroke motor recovery**
Cauraugh, James, Kang, Nyeonju, Idica, Jerelyne, Bhullar, Amitoj, University of Florida
35. **Lower extremity Fitts' task performance by patients with degenerative lumbar spinal stenosis: Pre- and post-spinal manipulation**
Passmore, Steven R., University of Manitoba; Johnson, Michael G., University of Manitoba; Cooper, Stephan, Cleveland Chiropractic College; Aziz, Mina, Aloraini, Saleh, Glazebrook, Cheryl M., University of Manitoba
36. **Effects of head position and trunk loading on unperceived body displacements during stepping on the spot without vision**
Paquet, Nicole, Achtereekte, Sarah, Gregory, Anna, Belanger, Amanda, Letourneau, Kylee, University of Ottawa
37. **Combined visual-kinesthetic training alleviated visual dominance effect in visual learning of bimanual coordination**
Huang, Shaochen, Zhu, Qin, University of Wyoming
38. **The effect of knowledge of results through visual feedback on the precision of navigation without vision**
Sarjeant, Jenna, Grostern, Jessica, Paquet, Nicole, Lajoie, Yves, University of Ottawa
39. **Spatial accuracy in underhand and overhand throws**
Meyer, Ben, Shippensburg University
40. **Does the observer egocentrically perceive a model image during a right-and-left discrimination task?**
Ishikura, Tadao, Doshisha University
41. **Navigation precision is impaired by a 60-second delay at the beginning of blind navigation**
Piekarski, Sarah, Paquet, Nicole, Lajoie, Yves, University of Ottawa
42. **Observational learning and the role of eye movements**
Panzer, Stefan, Institute of Sport Science; Blandin, Yannick, University of Poitiers; Massing, Matthias, Saarland University

43. **The level of vision necessary for optimal performance in rifle shooting: Implications for Paralympic competition for athletes with vision impairment**
Allen, Peter M., Anglia Ruskin University; Myint, Joy, University of Hertfordshire; Latham, Keziah, Anglia Ruskin University; Mann, David L., Research Institute MOVE Amsterdam
44. **Foot clearance over real environment obstacles after virtual reality obstacle crossing**
LoJacono, Chanel T., Raisbeck, Louisa D., Ross, Scott E., Rhea, Christopher K., University of North Carolina at Greensboro
45. **On the relationship between bodily processes and perceptual estimates of action-relevant space**
Canal Bruland, Rouwen, Vrije Universiteit Amsterdam
46. **The effects of pressure on target distance and size perception during a throwing task**
Ogasa, Kisho, Nakamoto, Hiroki, Mori, Shiro, National Institute of Fitness and Sports in Kanoya
47. **Effect of aging on step adjustments to perturbations in visually cued gait initiation**
Sun, Ruopeng, Cui, Chuyi, Shea, John B., Indiana University Bloomington
48. **The eye movements and reaction time of handball players in a fast break situation**
Yuuki, Mizusaki, Yukio, Yamaguchi, Fukuoka University
49. **Scaling of visually presented augmented feedback affects automatization in motor skill learning**
Krause, Daniel, Zobe, Christina, Paderborn University; Blichke, Klaus, Saarland University; Baumeister, Jochen, Paderborn University
50. **Effects of time constraints and knowledge of results on mental and physical practice**
Chitale, Aditi, Shea, John B., Indiana University Bloomington
51. **Effects of motor imagery perspectives on motor learning based on EEG**
Hayashi, Yoko, Graduate School of Ritsumeikan University; Matsumoto, Sayaka, Sakuma, Haruo, Ritsumeikan University
52. **Visual search behaviors while rebounding the basketball**
Ishibashi, Yukimasa, Meio University
53. **Can flexibility be increased in point-to-point movements?**
Tuitert, Inge, Aix-Marseille University and University of Groningen; Mouton, Leonora J., University of Groningen; Boostma, Reinoud J., Aix-Marseille University; Otten, Egbert, Schoemaker, Marina M., Bongers, Raoul M., University of Groningen
54. **Deceptive and non-deceptive penalties in team handball: Linear classification and characterization of movement patterns**
Helm, Fabian, Munzert, J., Department of Psychology and Sport Sciences, Justus-Liebig-University Giessen; Troje, Nikolaus F., Department of Psychology, Queen's University
55. **Shooting penalty kicks as accurately as possible: The goalkeeper has no impact on the penalty taker**
Kurz, Johannes, Hegele, Mathias, Munzert, Joern, Justus-Liebig-University Giessen, Germany
56. **Neuromuscular time-delay and visually-induced dynamic instabilities**
Liddy, Joshua J., Purdue University; Chagdes, James R., Miami University; Huber, Jessica E., Zelaznik, Howard N., Rietdyk, Shirley, Raman, Arvind, Haddad, Jeffrey M., Purdue University
57. **Effects of target pre-cueing on quiet eye and movement preparation time: Evidence for heuristic pre-programming?**
Horn, Robert R., Marchetto, Jonathan D., Montclair State University

58. **Does visual-only and rhythmic-only information in speech production provide sufficient information to identify/differentiate languages?**
Chuang, Kuo-Liang, Huang, Tzu-Jung, Chen, Jenn-Yeu, Liu, Yeou-Teh, National Taiwan Normal University
59. **Administering testosterone reduces distractibility for visual selective attention in healthy human males**
Hansen, Steve, Nipissing University; Stoet, Gijsbert, University of Glasgow; Archer, John, Judge, Jeannie, University of Central Lancashire; Carre, Justin M., Nipissing University
60. **Redefining the Movement Imagery Questionnaire for Rehabilitation-Second Edition (MIQ-RS)**
Monsma, Eva V., Brian, Ali, University of South Carolina; Seiler, Brian D., Charleston Southern; Newman-Norlund, Roger D., University of South Carolina; Hall, Craig R., Western Ontario
61. **Dual- and triple-task balance training improves the Timed-Up-and-Go in healthy older adults**
Jehu, Deborah A., Paquet, Nicole, Lajoie, Yves, University of Ottawa
62. **Age stereotypes affect motor learning in older adults**
Chiviakowsky, Suzete, Cardozo, Priscila, Federal University of Pelotas; Chalabaev, Aina, University Joseph Fourier – Grenoble
63. **The effect of fractal gait synchronization on cardiocomotor coupling in younger and older healthy adults**
Wittstein, Matthew W., Elon University; Starobin, Joseph M., Schmitz, Randy J., Shultz, Sandra J., Haran, Francis J., Rhea, Christopher K., University of North Carolina at Greensboro
64. **The effects of brain games on memory in older adults**
Avans, Diana E., Chavez, Caitlin, Ramirez, Bianca, Vanguard University
65. **Mobility differences exist between races in older women**
Hondzinski, Jan M., Kosma, Maria, Louisiana State University; Buchanan, David R., University of Massachusetts; McDougal, Devin R., Strain, Claire, Louisiana State University
66. **A comparison of strength profiles in children screened using the Movement Assessment Battery for Children-2.**
Furzer, Bonnie, University of Western Australia; Wright, Kemi, Thornton, Ashleigh, University of Western Australia
67. **Examining supine-to-stand as a measure of functional motor competence and health in children**
Nesbitt, Danielle R., University of South Carolina; Molina, Sergio L., Missouri Western State University; Stodden, David F., University of South Carolina
68. **A performance evaluation of ball-bouncing movements of children at an elementary school**
Sugao, Hisayo, Hiroshima Shudo University

Sport and Exercise Psychology

69. **Perspectives on effective coaching from athletes and coaches**
Robbins, Jamie, Methodist University; Killoran, Jessica, West Chester University; Polders, Daan, Villa Maria High School
70. **Canadian university coaches' experiences and strategies for coaching first-year athletes**
Kim, Jeemin, Wilfrid Laurier University; Bloom, Gordon A., McGill University; Bennie, Andrew, Western Sydney University
71. **Youth sport coaches' perceptions of a humanistic coaching approach**
Falcao, William R., Bloom, Gordon A., McGill University; Bennie, Andrew, Western Sydney University
72. **Knowledge and routines of NCAA hockey coaches during intermissions**
Allain, Julia I., Bloom, Gordon A., McGill University; Gilbert, Wade D., California State University, Fresno

73. **Observing coaches' leadership behaviours in sport: The development of the Coach Leadership Assessment System (CLAS)**
Turnnidge, Jennifer L., Cote, Jean, Queen's University
74. **The coach-athlete relationship and athlete psychological health outcomes**
McGee, Victoria, DeFreese, J. D., Pietrosimone, Brian G., Myers, Joseph B., University of North Carolina
75. **Exploring a coach's application of andragogical principles in the facilitation of learning for Masters and youth canoe/kayak athletes**
MacLellan, Justin, University of Ottawa; Callary, Bettina, Cape Breton University; Young, Bradley W., University of Ottawa
76. **Coaches' interpersonal style, basic psychological needs and positive/negative affects of semi-professional soccer players: A longitudinal analysis**
López-Walle, Jeanette M., Tristán Rodríguez José L., Rodenas Cuenca, Luis T., Barbosa Luna, Adrian E., Universidad Autónoma de Nuevo León; Tomás Marco, Inés, Universitat de Valencia
77. **Verbal and nonverbal communication of badminton coaches affect learning attitude of learner?**
Han, Dong-Wook, Department of Sport Science at Chonbuk National University; Song, Seok-Hyun, You, Gyeong-Geun, Kim, Chan-Woo, Chonbuk National University
78. **The effects of transformational leadership, passion for coaching, coaching efficacy and successful intelligence on passion for players using hierarchical linear modeling**
Caliskan, Gokhan, Gazi University; Ozer, Arif, Hacettepe University; ASCI, Hulya, Marmara
79. **Impact of received support upon athlete's psychological health: different roles of coaches and teammates as a social support provider**
Katagami, Eriko, Tsutsui, Kaori, Tsuchiya, Hironobu, Osaka University of Health and Sport Sciences
80. **A longitudinal investigation of coach transformational leadership behaviours and positive youth development in athletes.**
Lefebvre, Jordan S., Cowburn, Ian, Queen's University; Erickson, Karl, Michigan State University; Martin, Luc J., Cote, Jean, Queen's University
81. **The association between a priori learning disorders and concussion outcomes**
Moore, Robert D., Sicard, Veronik, Ellemberg, Dave, University of Montreal
82. **Coping with pain: A survey of college athletes**
Flores, Stephanie, Barker, Rachael, Avans, Diana, Vanguard University
83. **Pain coping and anxiety in ballet dancers**
Ross, Emily, Reed, Aneliis, Avans, Diana, Vanguard University
84. **What is it really like to have a concussion? An autoethnography of a female university athlete's protracted concussion experiences**
Andre-Morin, Daphnee, Caron, Jeffrey G., McGill University; Wilkinson, Shawn, Concordia University & McGill University
85. **A longitudinal investigation of burnout levels in collegiate athletes: Exploring links with perceived coaching styles and behaviors**
Mellano, Kathleen T., Michigan State University; Horn, Thelma S., Miami University
86. **An exploration of Keyes' two-continuum model of mental health in athletes: Resilience, mental illness and performance**
Uphill, Mark A., Sly, Daniel, Swain, Jon, Canterbury Christ Church University
87. **The association between learning disabilities and concussion incidence in young adults: A retrospective and prospective study**

Moore, Robert D., Paga, Linda S., Ellemberg, Dave, University of Montreal

88. **Passion, coping and burnout in varsity student-athletes**
Apinis-deshaias, Amelie, Halliwell, Wayne R., Montreal University
89. **Psycho-affective alteration and cognitive deficit in slow to recover athletes**
Alarie, Christophe, Moore, Robert D., Letourneau, Marc, Lefebvre, Frederique T., Martin, Sophie, Prevost, Jeremie L., Ellemberg, Dave, University of Montreal
90. **Coordination exercise and cognitive function in obese preadolescence: An RCT study**
Liu, Jen-Hao, Song, Tai-Fen, Chen, Feng-Tzu, Chang, Yu-Kai, National Taiwan Sport University
91. **Effect of sub-maximal aerobic exercise on psycho-affective outcomes in athletes with persistent post-concussion symptoms**
Alarie, Christophe, Moore, Robert D., Letourneau, Marc, Lefebvre, Frederique T., Martin, Sophie, Prevost, Jeremie L., Ellemberg, Dave, University of Montreal
92. **Gender differences in psycho-affective state following concussion in active athletes**
Sauve, William, Moore, Robert D., Ellemberg, Dave, University de Montreal
93. **Lack of sex-based difference in long-term cognitive outcomes of concussion**
Sicard, Veronik, Moore, Robert D., Ellemberg, Dave, University de Montreal
94. **The role of enjoyment and burnout on basketball players positive youth development**
Yapar, Ahmet, Middle East Technical University, Faculty of Education, Physical Education and Sport Department; Ince, Mustafa Levent ., Midde East Technical University
95. **The relationship between self-control and health, academic and athletic behaviors among NAIA athletes**
Josephs, Molly V., Stapleton, Jessie, Missouri Baptist University
96. **Developing a parent-child coping intervention for competitive adolescent athletes**
Braun, Courtney J., Tamminen, Katherine A., University of Toronto
97. **Examining the use of punishment in youth baseball**
Gurgis, Joseph, Kerr, Gretchen, University of Toronto
98. **Exploring protégés' experiences in peer athlete mentoring relationships**
Hoffmann, Matt D., Loughhead, Todd M., University of Windsor; Bloom, Gordon A., McGill University
99. **Renegotiating identity: College transitions for former high school athletes no longer engaged in varsity competition**
Lyons, Logan K., Utah State University; Bell, Lydia F., National Collegiate Athletic Association; Mason, Laurel G., University of Arizona; Dorsch, Travis E., Utah State University
100. **What does the Olympic and Paralympic community want from a Games transition preparation program?**
Burrows, Emma, McArdle, Siobhain, Dublin City University
101. **The dynamic influence of relationships in the development of elite individual sport athletes: A timeline approach**
Allan, Veronica, Staehli, Julie-Anne, Smith, Haley, Queen's University; Evans, M. Blair, Pennsylvania State University; Cote, Jean, Queen's University
102. **Severe disciplinary incidents in men's soccer: A case study**
Deal, Colin J., Pankow, Kurtis, Pynn, Shannon R., Smyth, Christine L., Holt, Nicholas L., University of Alberta
103. **Youth athletes' perspectives of punishment use in hockey**
Battaglia, Anthony, Kerr, Gretchen, University of Toronto

104. **The effect of computer-based cognitive training on the lacrosse shooting performance**
Hirao, Takahiro, Masaki, Hiroaki, Waseda University
105. **The effect of behavioral and cognitive routine on taekwondo skill**
Hwang, Byeong-Rok, Korea Sport University; Chang, Duksun, Korea National Sport University
106. **The interaction of between year- and within year-effects in youth soccer**
Schorer, Jörg, Zander, Stephen, Steingrever, Christina, University of Oldenburg; Helsen, Werner, University of Leuven; Wattie, Nick, University of Ontario Institute of Technology; Baker, Joseph R., York University
107. **Understanding the overuse injury process: creative nonfictions of pain in gymnastics**
Cavallerio, Francesca, Wadey, Ross, St Mary's University, Twickenham; Wagstaff, Christopher, University of Portsmouth
108. **Self-determined and achievement motivation profiles of youth elite athletes: A cultural extension of the achievement goal theory**
Mabuta, Kapule D., Malete, Leapetswe, University of Botswana
109. **Coach characteristics and encouragement of athlete's imagery use**
Gregg, Melanie J., The University of Winnipeg; Hall, Craig R., Western University
110. **Long-term modifications to the psycho-affective profile of elite teenage hockey players with a history of concussion**
Archambault, William, Lépine, Julien, Moore, Robert D., Barande, Milan, Ellemberg, Dave, Université de Montréal
111. **Mental toughness and regrets**
Madrigal, Leilani, University of Nebraska; Robbins, Jamie E., Methodist University
112. **Predictive interactions leading to the performance during a competition among university cross-country runners**
Gosselin Boucher, Vincent, Comtois, Alain Steve, University of Quebec in Montreal
113. **Effects of different types of self-talk under higher stress in archery performance**
En-Hsin, Li; Li, Chung-Chih; Chang, Yu-Kai; National Taiwan Sport University, Taiwan
114. **The influence of self-talk on junior elite tennis players' emotions and behaviours in competition: a multiple case-study**
Boudreault, Veronique, Trottier, Christiane, Provencher, Martin, Université Laval
115. **Situation criticality's effect on basketball officials stress levels**
Ritchie, Jason, Florida State University; Basevitch, Itay, Anglia Ruskin University; Rodenberg, Ryan, Tenenbaum, Gershon, Florida State University
116. **The relationship between commitment, expectancies for success, and task value in competitive gymnastics**
Weiss, Windee M., University of Northern Iowa
117. **The effect of a weight management clinic on body perception**
Ross-Stewart, Lindsay C., Anderson, Marissa, Stumpf, Jamie, Knuth, Alexa, Brent, Corinne, Smith, Bryan, Southern Illinois University Edwardsville
118. **Body image and psychological functioning of female collegiate cheerleaders**
Monsma, Eva V., University of South Carolina; Gay, Jennifer L., University of Georgia; Torres-McGehee, Toni, University of South Carolina
119. **Mental fatigue, achievement motivation and their impact on sprint start reaction time**
Nieuwenhuys, Arne, Radboud University; Koedijker, Johan, VU University
120. **The influence of imposed optic flow on basketball shooting performance and postural sway**
Kennedy, Joseph D., Armed Forces Services Corporation; Berg, William P., Miami University

121. **The role of focus and confidence in high-level athletic performances**
Gagnon-Dolbec, Alexis, Orlick, Terry, University of Ottawa
122. **Influence of mental toughness variables on long-term athletes development in Nigeria**
Adegbesan, Olufemi A., University of Ibadan, Nigeria; Odeleye, Oluwadamilola O., University of Ibadan, Nigeria; Sanusi, Mohammed, Nigeria football federation
123. **How do elite youth soccer players generate options in a time-pressured task? Preliminary results of a longitudinal study on the development of decision-making**
Musculus, Lisa, German Sport University Cologne, Institute of Psychology; Lobinger, Babet, Raab, Markus, German Sport University Cologne
124. **Decision making behavior of officials: Examining potential biases**
Burnett, Adele M., Kinrade, Noel P., Williams, A. Mark, Brunel University, London
125. **Patterns in previous event sequences influence anticipation of serves in tennis**
Stern, Ricarda, Loffing, Florian, Hagemann, Norbert, University of Kassel
126. **The influence of visual strategies used by National Water Polo goalies on decision time and accuracy improvement through a video based perceptual training program.**
Richard, Veronique, University de Montreal; Fournier, Jean, Institut Nationale du Sport du Quebec; Lasnier, Jonathan, University de Montreal
127. **Psychological climate and its relationship to social physique anxiety and self-presentational efficacy**
Hamamoto, Sarah K., Desmond, Daniel, Wilson, Kathleen S., California State University, Fullerton
128. **Elite athletes perform better in a 2-choice reaction time test, but not in mental rotation**
Heppe, Holger, Kohler, Axel, Zentgraf, Karen, University of Münster
129. **Discrete emotion regulation strategies alter gaze behavior prior to execution of a ballistic motor action**
Buchanan, Taylor, Fawver, Bradley, Beatty, Garrett F., Janelle, Christopher M., University of Florida
130. **Do elite soccer and volleyball athletes show better performance in perceptual-cognitive skills?**
Fleddermann, Marie-therese, Heppe, Holger, Zentgraf, Karen, University of Munster
131. **Using effort to inform cohesion in the youth sport setting**
McLaren, Colin D., Spink, Kevin S., Ulvick, Jocelyn D., University of Saskatchewan
132. **Interpersonal emotion regulation in a high performance volleyball team**
Palmateer, Tess M., Tamminen, Katherine A., University of Toronto
133. **University athletes' needs for social support during recovery from protracted concussion symptoms**
Andre-Morin, Daphnee, Bloom, Gordon A., Caron, Jeffrey G., McGill University
134. **Efficacy and performance beliefs in athlete-athlete dyads: Partner differences using the social relations model**
Habeeb, Christine M., University of Stirling; Eklund, Robert C., Stirling University
135. **All for one, but not one for all? Positional competition and cohesion in interdependent sport teams**
Harenberg, Sebastian, Riemer, Harold A., Karreman, Erwin, Dorsch, Kim D., University of Regina; Paradis, Kyle, Western University; Martin, Luc, Queen's University
136. **Associations among emotional intelligence, social perceptions, burnout and well-being in collegiate athletes**
DeFreese, J. D., Little, Sarah, Bhadury, Ashwin, Ritter, Natalie, Johnson, Aaron, University of North Carolina
137. **Competitive team selection processes: The influence of Canada Summer Games selection status on athletes' cognitive appraisals and emotions**
Mcewen, Carolyn E., Crocker, Peter R. E., The University of British Columbia

138. **Relationships between hope and training hours among adolescent Swedish soccer players**
Podlog, Les William., University of Utah; Gustafsson, Henrik, Wagnsson, Stefan, Lundqvist, Carolina, Karlstad University; Johansson, Mattias, Örebro University
139. **Cohesion, psychological needs, and intrinsic motivation in youth team sport context**
Heuze, Jean-Philippe, Université Grenoble Alpes; Eys, Mark A., Wilfrid Laurier University; Dubuc, Martin, Cambrian College; Bosselut, Gregoire, Université de Montpellier; Couture, Roger, Laurentian University
140. **Relationship between cohesion and different types of motivation in African players**
Heuze, Jean-Philippe, Université Grenoble Alpes; Diatta, Safietou, Université Gaston Berger; Sarrazin, Philippe, Université Grenoble Alpes
141. **The mediating effect of moral disengagement on the association of obsessive passion and attitudes towards PED's for competitive collegiate athletes**
Wilson, Wade, Drewery, David, University of Waterloo
142. **The relationship between intolerance of uncertainty, competitive trait anxiety, and pre-competitive emotions in CIS female soccer athletes**
Harenberg, Sebastian, University of Regina; Wolf, Svenja A., University of Amsterdam; McCaffrey, Rob, Carleton, R. Nicholas, University of Regina
143. **An examination of positive self-review and feed-forward self-modeling on dominant and non-dominant hand free-throw shot self-efficacy**
Rymal, Amanda M., California State University, San Bernardino; O, Jenny, California State University, East Bay; Miller, Cody, Leighton, Sarah, California State University, San Bernardino
144. **The controlling interpersonal style, types of motivation, self-esteem and burnout in Mexican athletes**
Cantú-Berrueto, Abril, López-Walle, Jeanette M., Universidad Autónoma de Nuevo León; Castillo, Isabel, Universitat de Valencia; Tristán Rodríguez, José L., Universidad Autónoma de Nuevo León; Alvarez, Octavio, Balaguer, Isabel, Universitat de Valencia
145. **Passion and the feeling of having time to act in sport: The mediating role of mindfulness and perceived competence**
Porlier, Genevieve, University de Montreal; St-Louis, Ariane, Vallerand, Robert J., University du Quebec Montreal

NASPSA Poster Session #2 – Friday, June 17, 2016

Motor Development

1. **Agreement between expert and novice coders' scores on the Test of Gross Motor Development-2nd Edition**
Palmer, Kara K., University of Michigan; Brian, Ali, University of South Carolina; Rui, Ma, Shanghai Normal University
2. **The Canadian assessment of physical literacy: A holistic developmental evaluation of 8-12 year old children**
Sheehan, Dwayne, Mount Royal University; McCallum, Kyle, University of Calgary
3. **Evaluating the implementation of physical literacy programming in a recreation setting**
McCallum, Kyle, University of Calgary; Sheehan, Dwayne, Van Wyk, Nadine, Mount Royal University; Katz, Larry, University of Calgary
4. **Efficacy of Special Olympics Canada's Active Start and FUNDamentals programs at improving motor skills**
Lloyd, Meghann, Guest, Lindsay, University of Ontario Institute of Technology
5. **Assessing perceptions of competence: Does performing motor skills and observing motor skill performance influence a child's accuracy of their perceptions**
Rudisill, Mary E., Wadsworth, Danielle D., Irwin, Jacqueline M., Hastie, Peter A., Bridges, Claire E., Johnson, Jerraco L., Auburn University
6. **The Relationship of School Readiness and Motor Skill Performance of Low SES Hispanic Preschool Children**
Hamilton, Michelle L., Liu, Ting, Montes, Jennifer, Texas State University
7. **Collecting concurrent validity, reliability of classification decisions, inter and intra-rater reliability evidence for the Furtado-Gallagher Computerized Observational Movement Pattern Assessment System (FG-COMPASS)**
Woolever, Mackinsey, Furtado Jr., Ovande, California State University, Northridge
8. **Motor competence and sedentary time in 9-10 year-old children**
True, Larissa, SUNY Cortland; Pfeiffer, Karin A., Smith, Alan L., Kagerer, Florian, Gerlach, John, Branta, Crystal F., Michigan State University
9. **Content and construct validity and reliability of the pictorial scale of perceived competence and social acceptance for Brazilian young children**
Valentini, Nadia C., Universidade Federal do Rio Grande do sul; Bandeira, Paulo F., UFRGS; Rudisill, Mary E., Auburn University
10. **Comparison of two motor assessments: Test of Gross Motor Development - 3rd edition and Movement Assessment Battery for Children - 2nd edition**
Webster, E. Kipling, Louisiana State University; Ulrich, Dale A., University of Michigan
11. **Hopping distance varies by developmental sequences of hopping in children and adolescents**
Taunton, Sally, University of South Carolina; True, Larissa, SUNY Cortland; Brian, Ali S., University of South Carolina; Goodway, Jacqueline D., The Ohio State University; Stodden, David F., University of South Carolina
12. **A preliminary study of motor development in south korean children aged 4-6**
Nam, Soo Mi, Seoul National University; Kim, Min Joo, Kyung Hee University; Song, Young Hoon, Yang, Jin Joo, Kim, Seon Jin, Seoul National University
13. **Factorial validity and measurement invariance of the Test of Gross Motor Development 3 (German adaptation)**
Wagner, Matthias O., Konstanz; Webster, E. Kipling, Louisiana State; Ulrich, Dale A., Michigan
14. **Effectiveness of a 16 week gymnastics curriculum at developing movement competence in children**
Rudd, James, Victoria University; Barnett, Lisa M., Deakin University; Farrow, Damian, Victoria University; Berry, Jason, Victoria University; Borkoles, Erika, Bournemouth University; Polman, Remco, Bournemouth University

15. **The impact of a Bupa 'Start to Move' intervention on children's Fundamental Movement Skills in the UK**
Morley, David, Liverpool John Moores University; Till, Kevin, Ogilvie, Paul, Daly-Smith, Andrew, Leeds Beckett University
16. **Outstanding Student Paper Award: Does self-enhancement in motor skill competence and health-related fitness promote physical activity?**
Utesch, Till, University of Münster; Dreiskämper, Dennis, University of Münster; Geukes, Katharina, University of Münster; Naul, Roland, Willibald Gephardt Institute Essen
17. **The motor competence path to health behaviours and outcomes**
Barnett, Lisa M., Deakin University
18. **The development of a holistic testing battery for talent identification in field hockey**
Timmerman, Ewout, Victoria University; Savelsbergh, Geert J.P., Vrije Universiteit; Farrow, Damian, Victoria University

Motor Learning and Control

19. **Neural correlates of attentional focus: A high-resolution fMRI study**
Lohse, Keith R., Miller, Matthew W., Grand, Kirk F., Robinson, Jennifer L., Auburn University
20. **Motivation and motor-preparatory brain activity independently affect response time**
Meadows, Caroline C., Auburn University; Gable, Philip A., University of Alabama; Lohse, Keith R., Miller, Matthew W., Auburn University
21. **Brain imaging paradigm shows promise for attentional focus research: A feasibility study using functional magnetic resonance imaging**
Hooyman, Andrew, Dorton, Hilary, Alves, Jasmin, Walter, Nathan, Winstein, Carolee, Lewthwaite, Rebecca, Tjan, Bosco, University of Southern California
22. **Sleep spindle density and gross motor sequence learning**
Nopper, Isabella, Catholic University of Eichstaett-Ingolstadt; Krewer, Carmen, Schoen Klinik Bad Aibling; Weber, Frederik, University of Tuebingen; Brunner, Hans, Schoen Klinik Bad Aibling; Blischke, Klaus, Saarland University
23. **Human motor behavior: From neuroimaging to human-robot dynamics--Functional near infrared spectroscopy (fNIR): Issues and considerations for application to human performance and human-robot interactions**
Shewokis, Patricia A., Shariff, Faiz U., Drexel University; Gentili, Rodolphe J., University of Maryland-College Park; Izzetoglu, Meltem, Drexel University
24. **Language and motor control - Early neurophysiological interaction of conceptual and motor Representations**
Schack, Thomas, Vogel, Ludwig, Koester, Dirk, Bielefeld University
25. **A criterion validation of objective measures of technical skill proficiency in medical education: A comparison of two motion-capture devices**
Ohson, Simran, Garcia, Daniel, McMaster University; Grierson, Lawrence, McMaster
26. **Linking brain and behavior in the Tower of Hanoi task: Research and applications to atypical populations**
Getchell, Nancy, University of Delaware; Liang, Ling-Yin, University of Evansville; Shewokis, Patricia A., Drexel University
27. **Relationship between recognition of gymnastic skills and the excitability of the primary motor cortex**
Goto, Kana, Mukogawa Woman's University; Nakamoto, Hiroki, National Institute of Fitness and Sports in Kanoya; Mori, Shiro, University-National Institute of Fitness and Sports in Kanoya
28. **Expecting to teach enhances learning: Evidence from a motor learning paradigm**
Daou, Marcos, Buchanan, Taylor, Lindsey, Kyle, Lohse, Keith R., Miller, Matthew W., Auburn University

29. **The reliability and validity of two motor skill assessments for use in school settings**
Lander, Natalie, Barnett, Lisa M., Salmon, Jo, Deakin University; Logan, Sam W., Oregon State University; Morgan, Philip, Newcastle University
30. **Lassoing positive affect and motor learning through choice**
Wulf, Gabriele, Machin, Brittney, Kellogg, Jessica, Copeland, Clint, University of Nevada, Las Vegas; Lewthwaite, Rebecca, Rancho Los Amigos National Rehabilitation Center; Iwatsuki, Takehiro, University of Nevada, Las Vegas
31. **Does random practice promote a more effective focus of attention than blocked practice?**
Iwatsuki, Takehiro, Gushiken, Tanna, Brcic, David, Wulf, Gabriele, University of Nevada, Las Vegas
32. **Autonomy support enhances performance expectancies, task-focus, and learning: Support for the OPTIMAL theory of motor learning**
Lemos, Anielle, Federal University of Pelotas, Brazil; Wulf, Gabriele, University of Nevada, Las Vegas; Lewthwaite, Rebecca, Rancho Los Amigos National Rehabilitation Center, Downey, CA; University of Southern California; Chiviawosky, Suzete, Federal University of Pelotas, Brazil
33. **Optimizing Performance through Intrinsic Motivation and Attention for Learning: The OPTIMAL theory of motor learning**
Wulf, Gabriele, University of Las Vegas, Nevada; Lewthwaite, Rebecca, Rancho Los Amigos National Rehabilitation Center; University of Southern California
34. **The influence of working memory capacity on children's motor learning: Evidence from a basketball task**
Buszard, Tim, Victoria University; Masters, Rich S.W., Waikato University; Verswijveen, Simone, Farrow, Damian, Victoria University
35. **KR precision enhances accuracy of taekwondo jireugi accuracy?**
Ko, Kyeong-Jin, Department of Sport Science at Chonbuk National University; Han, Dong-Wook, Chonbuk National University
36. **Feedback valence shows dissociative effects on automaticity and precision in motor learning**
Zobe, Christina, Krause, Daniel, Paderborn University; Blischke, Klaus, Saarland University
37. **Effects of practice schedule on the learning of structure and parameters of the volleyball tennis serve**
Ugrinowitsch, Herbert, Crus, Madson P., Benda, Rodolfo N., Vieira, Marcio M., Lage, Guilherme M., Silva, Patrick C. R., Neves, Thiago F., Universidade Federal de Minas Gerais
38. **Multitask-integration facilitates implicit motor learning**
Broeker, Laura, Raab, Markus, German Sport University Cologne; de Oliveira, Rita F., London South Bank University; Hegele, Mathias, University of Giessen; Schorer, Jörg, Carl von Ossietzky University Oldenburg
39. **How movements impact on temporal and spatial representations**
Loeffler, Jonna, Raab, Markus, German Sport University Cologne; Canal-Bruland, Rouwen, Vrije Universiteit Amsterdam
40. **Independent contribution of acute exercise to protection of new procedural memory**
Jo, Ji Seong, Chen, Jing, Wright, David L., Texas A&M University
41. **It's about time! Feedback delay, but not feedback type, matters for determining adaptation processes**
Larssen, Beverley C., Hodges, Nicola J., University of British Columbia
42. **Playing games: Deliberate gaming and sport specific knowledge**
Parrington, Lucy, Wise, Lisa, MacMahon, Clare, Swinburne University of Technology
43. **The effects of spacing practice and practice schedule on motor memory consolidation during the acquisition of a bimanual coordination movement pattern**
Song, Yonggwan, Korea University; Cheon, Sung Hyeon, Kangwon National University; Park, JinHoon, Reeve, Johnmarshall, Korea University

44. **Identifying units of movement in discrete movement trajectories**
Hsieh, Tsung-yu, Liu, Yeou-Teh, Lin, Bo-Cheng, National Taiwan Normal University; Newell, Karl, University of Georgia
45. **The influence of feedback on joint angle exploration when learning to control a complex tool**
Bongers, Raoul, University of Groningen
46. **An examination of goals, strategies, and information processing in a self-control protocol**
Bass, Andrew D., Fairbrother, Jeffrey T., Von Lindern, Aaron D., University of Tennessee-Knoxville
47. **Bandwidth feedback improves consistency on the learning of a motor skill**
Ugrinowitsch, Alessandra AC., Centro Universitario Belo Horizonte; Azevedo, Bruna FM., Centro Universitario Belo Horizonte; Silva, Miriam M., Centro Universitario Belo Horizonte; Lima, Thiago M., Centro Universitario Belo Horizonte
48. **Impact of prior random practice on the development of the initiation, concatenation, and execution processes associated with new motor sequence learning**
Kim, Taewon, Chen, Jing, Wright, David L., Texas A&M University
49. **Local muscle fatigue degrades motor learning in a positioning task**
Lai, Qin, Datla, Gowtami, Rubino, Jena, Wayne State University
50. **Context interference effect on motor chunk**
Chen, Jing, Texas A & M University; Shanghai University of Finance & Economics; Kim, Taewon, Jo, Ji Seong, Wright, David L., Texas A & M University
51. **Scaffolding in motor learning - The impact of practice on action representation, gaze behavior and performance**
Schack, Thomas, Bielefeld University; Land, William, University of Texas-San Antonio; Frank, Cornelia, Bielefeld University
52. **Influences of prior practice experiences: Movement outcomes, movement dynamics, and learning dynamics**
Liu, Yeou-teh, Department of Athletic Performance, National Taiwan Normal University; Chuang, Kuo-Liang, Department of Physical Education, National Taiwan Normal University; Newell, Karl M., Department of Kinesiology, University of Georgia
53. **Self-controlled learning and goal manipulation: Does "too easy" and "too difficult" affect the self-control paradigm?**
Ho, Rachel, Wu, Wilbur F.W., California State University Long Beach
54. **Doubts about the relationship between perceived competency, success and enhanced motor learning**
Ong, Nicole T., Brewer, Emily E., University of British Columbia; Hodges, Nicola J., University of British Columbia
55. **Self-selected difficulty, engagement, and intrinsic motivation in an interactive computer game: An exploratory analysis.**
Lohse, Keith, Leiker, Amber, Auburn University; Bruzi, Alessandro, Universidade Federal de Lavras; Wegman, Rebecca, Nelson, Monica, Miller, Matthew W., Auburn University
56. **The effects of attention-demanding secondary tasks on the immediate and delayed retention and transfer of primary tasks**
Raisbeck, Louisa D., Diekfuss, Jed A., Stump, Kiara E., The University of North Carolina at Greensboro
57. **Anticipatory judgments in tennis: The effect of available graphical information**
Fukuhara, Kazunobu, Ogata, Takahiro, Higuchi, Takahiro, Tokyo Metropolitan University
58. **Distracted driving behaviors: How do we change them?**
Didier, Jennifer J., Glave, A Page P., Gregg, Ashley, Kaya, Omer, Maldonado, Abel, Sam Houston State University

59. **Action experience may enhance anticipation skill in soccer penalty kick**
Lee, Jung Eun, University of Minnesota; Shim, Jaeho, Baylor University; Yook, Dongwon, Hong, Seog Beom, Yonsei University; Cho, Seong Kwan, Texas A&M International University
60. **Sequence-induced anticipatory behaviour: Training with contextual information**
Broadbent, David P., Brunel University; Ford, Paul R., University of Brighton; Williams, A. Mark, Brunel University, London; Causer, Joe, Liverpool John Moores University
61. **The effect of sequencing information on anticipation**
Murphy, Colm P., Brunel University London; Jackson, Robin C., Loughborough University; Williams, A. Mark, Brunel University, London
62. **Changes in cognitive demand, impact forces and knee joint loading to reduce risk factors associated with tibial stress fractures in response to in-field gait retraining**
Murray, Nicholas, Willy, Richard, Whittier, Tyler, Willson, John, Meardon, Stacey, Melton, Caitlin, East Carolina University
63. **Effect of stepping rate and resistance on lower extremity electromyography in recumbent stepping**
Siekirk, Nicholas J., Pardo, Victoria, Lai, Qin, Galen, Sujay, Wayne State University

Sport and Exercise Psychology

64. **The relationship between physical activity and quality of life among Korean immigrants**
Oh, Eungwang, Jang, Jungyun, Gill, Diane, University of North Carolina, Greensboro
65. **Exercising to increase ownership of one's health and live better after breast cancer**
Wing, Erin K., Saunders, Stephanie, University of Ottawa; Burke, Shaunna, University of Leeds; Woodard, Stephanie, Ottawa Regional Cancer Foundation; Brunet, Jennifer, University of Ottawa
66. **Does physical activity is associated with optimal mental health among youth?**
Dore, Isabelle, O'Loughlin, Jennifer, Fournier, Louise, University of Montreal
67. **The association between cardiovascular fitness and obesity in relation to inhibition function: An event-related potential study**
Song, Tai-Fen, Liu, Jen-Hao, National Taiwan Sport University; Chi, Lin, Ta Hwa University of Technology; Chang, Yu-Kai, National Taiwan Sport University
68. **Participant perceptions of physical activity-enhancing interventions for adults with disability: A meta-synthesis of qualitative research**
Williams, Toni L., Leeds Beckett University; Ma, Jasmin K., Martin Ginis, Kathleen A., McMaster University
69. **Immediate and sustained effects of acute exercise on Sternberg working memory in middle-aged adults**
Huang, I-Lun, Yang, Wen-Chung, Chang, Yu-Kai, National Taiwan Sport University
70. **A prospective investigation of motivational regulations as mediators in the relationship between body-related shame, guilt and physical activity in breast cancer survivors**
Castonguay, Andree L., Concordia University; Pila, Eva, University of Toronto; Wrosch, Carsten, Concordia University; Sabiston, Catherine M., University of Toronto
71. **The impact of a multi-sport camp for girls ages 8-11 with Autism Spectrum Disorder (ASD) on motor skills, self-perceptions, social skills and adaptive behaviour**
Guest, Lindsay M., Lloyd, Meghann, University of Ontario Institute of Technology (UOIT)
72. **Effects of two intensities of exercise on memory, concentration, planning, and reasoning**
Codish, Kristen A., Becker, Kevin A., Biggerstaff, Kyle D., Texas Woman's University

73. **Predicting physical activity in adolescents through enjoyment and motivation: composite variables in mediation models**
Elliot, Catherine A., Lincoln University; Seelig, Harald, University of Basel; Hamilin, Michael, Lincoln University
74. **Acute moderate exercise, but not serum BDNF, facilitates cognition: A time course of ERP study**
Chang, Yu-Kai, National Taiwan Sport University; Chi, Lin, Ta Hwa University of Technology; Wang, Chun-Chih, National Taiwan Sport University; Chu, Chien-Heng, National Taiwan Sport University
75. **Effects of exercise on sadness and suicidal behavior in adolescents in different bullying environments**
O'Neil, Linnae, Sibold, Jeremy, University of Vermont; Edwards, Erika, University of Vermont; Murray-Close, Dianna, Hudziak, James J., University of Vermont
76. **Examining the health action process approach for people with back pain**
Crawford, Derek A., Pittsburg State University; Terry, Robert, University of Oklahoma; Ciro, Carrie, Sisson, Susan, Hamilton, Toby, Dionne, Carol, University of Oklahoma Health Sciences Center
77. **Trained women do not show difference psychological response to psychosocial stress compared with untrained women**
Lautenbach, Franziska, Elsner, Stefanie, Thomas, Laura Isabell, Borges, Uirassu, German Sport University, Institut of Psychology; Mombartz, Annika, University to Cologne, Department of Psychology
78. **Examining barriers to engaging in physical activity across the stages of change among women undergoing chemotherapy for breast and gynecologic cancers**
Hallward, Laura, Duncan, Lindsay R., McGill University
79. **How social relationships and interpersonal training foster growth in physical activity programs for underserved youth: Staff perspectives**
Mcdavid, Lindley, McDonough, Meghan H., Purdue University
80. **The effects of a telehealth exercise program on self-efficacy and adherence in individuals with Parkinson's disease**
Garcia, Liz, Todd, Teri, Samson, Ashley, Narasaki Jara, Mai, Stone, Robert, Angulo Barroso, Rosa, Wagatsuma, Mayumi, Jung, Taeyou, California State University, Northridge
81. **Physical activity, well-being and the basic psychological needs in cardiac rehabilitation graduates: A preliminary analysis**
Saunders, Chelsey, Sweet, Shane N., McGill University
82. **What do breast cancer survivors need to be active? An analysis of desired physical activity related resources**
Fong, Angela J., Sabiston, Catherine M., University of Toronto
83. **Social-cognitive predictors of physical therapy outcomes among patients with chronic low back pain**
Podlog, Les, Fritz, Julie, Hall, Morgan S., University of Utah
84. **Social identities and the cognitive, emotional, and behavioural negotiation of body dissatisfaction and appreciation: Physically active women's aging body narratives**
Bennett, Erica V., Crocker, Peter R. E., Hurd Clarke, Laura, The University of British Columbia; Kowalski, Kent C., University of Saskatchewan
85. **Like me or not, i'm here to win: An examination of peer acceptance in sport**
Hill MacEachern, Kate, Jorgenson, Cecilia, Stanul, Madison, Bowker, Anne, Carleton University
86. **Understanding physical activity behaviour in adults with spinal cord injury: A longitudinal test of the health action process approach**
Chemtob, Keryn, McGill University; Arbour-Nicitopoulos, Kelly P., University of Toronto; Lamontagne, Marie-Eve, Universite Laval; Martin Ginis, Kathleen M., McMaster University; Routhier, Francois, Universite Laval; Latimer-Cheung, Amy E., Queen's University; Sweet, Shane N., McGill University

87. **The effect of silver taekwondo program on successful aging and psychological benefit**
Lee, Cheong-Pyo, Chang, Duksun, Korea National Sport University
88. **Exploring the running room clinic for breast cancer survivors**
Saunders, Stephanie, Brunet, Jennifer, Gifford, Wendy, University of Ottawa; Hamilton, Ryan, University of New Brunswick; Thomas, Roanne, Morrison, Tricia, University of Ottawa
89. **Short bouts of physical activity increase time on-task in a classroom of children with disabilities.**
Hibbs, Natalyn, Lloyd, Meghann, University of Ontario Institute of Technology
90. **Psychosocial outcomes of a six-month pedometer-based walking program for rural older adults**
Forlenza, Samuel T., Meyer, Benjamin, Bourassa, Dara, Paulson, Sally, Sanders, Joohee, Shippensburg University
91. **Effects of an aerobic fitness test on short- and long-term memory in elementary-aged children**
Etnier, Jennifer L., Shih, Chia-Hao, Sprick, Paul, Glass, Stephen M., Labban, Jeffery D., University of North Carolina Greensboro
92. **Childhood inhibitory control may predict adolescent physical activity and eating behaviors**
Slutsky, Alexis, Janssen, James A., University of North Carolina at Greensboro; Kolacz, Jacek, Shanahan, Lilly, University of North Carolina at Chapel Hill; Calkins, Susan D., Lovelady, Cheryl A., Keane, Susan P., Dollar, Jessica M., Wideman, Laurie, University of North Carolina at Greensboro
93. **Slow walking on a treadmill workstation does not impair executive functions**
Ehmann, Peter J., Brush, Christopher J., Olson, Ryan L., Bhatt, Shivang N., Banu, Andrea H., Alderman, Brandon L., Rutgers University
94. **An investigation of the generalizability of buoyancy from academics to athletics**
Calhoun, Jackie R. V., Webster, E. Kipling, Louisiana State University; Garn, Alex C., University of Newcastle
95. **Body-related social comparisons in men: Effects on social anxiety and strength outcomes**
Gammage, Kimberley L., Crozier, Scott, Gabriel, David A., Brock University
96. **Physical activity intervention for non-active adults from economically challenged families: "Will for movement and movement for will"**
Cecic Erpic, Sasa, University of Ljubljana, Faculty of Sport
97. **The effects of acute physical activity intensity and BDNF val66met genotype on memory performance**
Piepmeier, Aaron T., University of North Carolina Chapel Hill; Etnier, Jennifer L., University of North Carolina Greensboro
98. **Social identity, self-presentation, and mental toughness are related to overuse injury pain in physical activity**
Beasley, Vista L., Eklund, Robert C., Coffee, Pete, University of Stirling
99. **A RE-AIM evaluation of a telephone-based leisure time physical activity counseling service for adults with spinal cord injury**
Tomason, Jennifer R., Queen's University; Arbour-Nicitopoulos, Kelly P., University of Toronto; Estabrooks, Paul A., University of Nebraska Medical Center; Latimer-Cheung, Amy E., Queen's University; Martin Ginis, Kathleen A., McMaster University
100. **A qualitative examination of physical activity perceptions in the no boundaries running program**
Rothberger, Sara M., The University of North Carolina at Greensboro
101. **Examining program quality and basic needs support in two physical activity-based in-school mentoring programs**
Bean, Corliss, Forneris, Tanya, University of Ottawa

102. **Moving beyond sports: Student-athletes' views of the moving on! Physical activity transition program**
Brooks, DeAnne D., Salem College; Reifsteck, Erin J., Bill, Kayla M., Robinson, Kiaya A., Rothberger, Sara M., Gill, Diane L., UNCG
103. **How to succeed in PE class: The when, what and why of children's use of imagery.**
Kacperski, Celina, Tobin, Danielle, Hall, Craig R., University of Western Ontario; Law, Barbi, Nipissing University
104. **A comparison of public school and private school children's levels of active play**
Guerrero, Michelle, University of Windsor; Tobin, Danielle, Western University; Munroe-Chandler, Krista, University of Windsor; Hall, Craig, Western University
105. **The peer climate and achievement motivation in physical education: A longitudinal perspective**
Warburton, Victoria E., University of East Anglia
106. **Transferring adolescent girls' motivation to exercise: From school to leisure – Preliminary results of a trans-contextual study**
Laroche, Julie-Anne, Lamoyne, Jean, Université du Québec à Trois-Rivières
107. **Understanding important strategies of facilitating high program quality in one female youth physical activity mentoring program**
Harlow, Meghan, York University; Bean, Corliss, Forneris, Tanya, University of Ottawa
108. **A teacher-focused intervention to both increase PE students' engagement and to decrease PE students' disengagement**
Cheon, Sung Hyeon, Kangwon National University; Reeve, Johnmarshall, Song, Yong Gwan, Korea University
109. **Experimental test of teacher intervention to increase elementary-grade PE students' need satisfaction and classroom engagement**
Cheon, Sung Hyeon, Kangwon National University; Reeve, Johnmarshall, Korea University; Song, Yong Gwan, Korea University
110. **Improving adolescent self-efficacy, calibration, and health-related fitness knowledge through physical education**
Zhu, Xihe, Haegele, Justin A., Old Dominion University
111. **Transferring values or violence? Examining youths' understanding and processes of life skills transfer through Mixed Martial Arts**
Beesley, Theresa, Fraser-Thomas, Jessica L., York University
112. **Trickle down effect: Exploring the role of the Olympic games in facilitating preschoolers' development**
Fraser-Thomas, Jessica L., Safai, Parissa, York University
113. **Differences in psychological climate based on gender and type of exercise class**
Hamamoto, Sarah K., Desmond, Daniel, Wilson, Kathleen S., California State University, Fullerton
114. **Student-athletes' entering the university: Complex transitional times in sport and education**
Cecic Erpic, Sasa, University of Ljubljana, Faculty of Sport
115. **Self-control and physical activity among collegiate athletes**
Stapleton, Jessie N., Josephs, Molly V., Missouri Baptist University
116. **Self-concept clarity of transitioning athletes**
Cologgi, Kimberly A., Florida State University; Chow, Graig, Florida State University
117. **A pilot study examining the efficacy of a multi-component transformational teaching intervention on children's physical activity behaviors**
Beauchamp, Mark R., The University of British Columbia; Barling, Julian, Queens University; Kaulius, Megan, The University of British Columbia; Rhodes, Ryan E., University of Victoria

118. **How does integrated regulation contribute to physical activity maintenance?**
Miquelon, Paule, UQTR; Castonguay, Alexandre, University of Quebec
119. **Are barriers always a limiting factor to participation in physical activity?**
Wurz, Amanda, Brunet, Jennifer, University of Ottawa; Karvinen, Kristina, Nipissing University
120. **Does a single bout of "green exercise" facilitate engagement in future exercise behavior? A one-year follow-up pilot study**
Dyke, Ford B., Miller, Matthew W., Buchanan, Taylor, Crawford, Beverly, Auburn University
121. **How the UK population are using technology to engage in Sport and/or Physical Activity.**
Whitehead, Amy E., Morley, David D.M., Reeves, Matthew J., Rynie, Gus, Liverpool John Moores University; Quayle, Laura R., Liverpool John Moores University
122. **Implicit attitudes toward sports and academic activities among junior high school students, parents, and teachers**
Tseng, Hui-Shan, Gau, Li-Shiue, Asia University, Taiwan
123. **A randomized experiment testing the effect of tailoring messages to future time perspective on attitudes toward physical activity**
Marien, Martina, Duncan, Lindsay R., McGill University
124. **Cyber partners for long-term space missions: Boosting motivation to maintain intense exercise**
Samendinger, Stephen, Ede, Alison, Hill, Christopher R., Winn, Brian, Pivarnik, James M., Kerr, Norbert L., Max, Emery J., Michigan State University; Ploutz-Snyder, Lori, Universities Space Research Association; Feltz, Deborah L., Michigan State University
125. **Do motives for exercise matter?**
Doberssek, Urska, Siegel, Amy, University of Indianapolis; Maner, Jon, Case, Charleen, Northwestern University
126. **Body-related emotions and their associated influence on physical activity motives and behavior and physiological stress in breast cancer survivors**
Vani, Madison, Sylvester, Benjamin D., Sabiston, Catherine M., University of Toronto
127. **Self-regulating interest and enjoyment predicts self-determined motivation and adaptive outcomes in adult exercisers**
Cumming, Jennifer, Duda, Joan L., University of Birmingham
128. **Perceived social support, parental expectations and goal orientations as predictors of adolescents' motives for participation in sport**
Malete, Leapetswe, University of Botswana
129. **A process model of Ghanaian adolescents' engagement in physical education based on self-determination theory**
Curran, Thomas, Brown, Ato A., University of Bath
130. **Influences of physical and psychological factors on physical activity for older adults attending the community service centers in Taiwan**
Chen, Shuya, Zheng, Yi-Ru, Lan, Yu-Ching, Chang, Wen-Dien, China Medical University; Chou, Chih-Ping, University of Southern California
131. **The association between income and general lifestyle activity levels with meeting guidelines for leisure-time physical activity**
Kakinami, Lisa, Wissa, Rita, Concordia University
132. **Having conflicting feelings: Explicit-implicit evaluation discrepancies as a predictor for exercising intentions**
Antoniewicz, Franziska, Brand, Ralf, University of Potsdam

133. **Preliminary findings from a comparison of the affective responses to acute interval exercise and endurance exercise among sedentary adults.**
Stork, Matthew J., Martin Ginis, Kathleen A., McMaster University
134. **A test of the risk perception attitude framework in the physical activity domain among adults with multiple sclerosis**
Lithopoulos, Alexander, Latimer-Cheung, Amy E., Queen's University
135. **Relationship quality, engagement, hope, and self-worth in a physical activity-based positive youth development program**
Riciputi, Shaina C., McDonough, Meghan H., Snyder, Frank J., Purdue University
136. **Self-presentation on the dance floor: Self-presentation motives and outcome perceptions may predict positive feeling states**
Howle, Timothy C., Jackson, Ben, Dimmock, James A., University of Western Australia
137. **Exploring self-compassion, self-esteem, and grit among Division II student-athletes**
Dobersek, Urska, Everett, Lee, Mayol, Mindy M., Bryant, Lindsey, University of Indianapolis
138. **Perceived groupness and belongingness in relation to social identity in youth sport**
Martin, Luc J., Queen's University; Balderson, Daniel, Hawkins, Michael, University of Lethbridge; Wilson, Kathleen S., California State University Fullerton; Bruner, Mark W., Nipissing University
139. **A single bout of aerobic exercise benefits the attentional blink**
Wu, Chien-Ting, Foli, Elvis M., Nichols, Ashley M., Nair, Pratik, University of South Carolina Upstate; Hillman, Charles H., University of Illinois at Urbana-Champaign
140. **Understanding the effects of message framing on physical activity action planning: The role of risk perception and elaboration.**
Michalovic, Emilie, McGill University; Hall, Sarah, York University; Duncan, Lindsay R., McGill University; Basset-Gunter, Rebecca, York University; Sweet, Shane N., McGill University
141. **Commitment and expectancy-value constructs predicting motivated achievement behaviors**
Weiss, Windee M., University of Northern Iowa
142. **The effect of regulatory focus and message framing on constructing physical activity messages**
Mantis, Constantine, Vazou, Spyridoula, Gentile, Doug, Iowa State University
143. **Self-regulated learning for academic tasks: Do athletes engage regulatory processes more than non-athletes?**
Mccardle, Lindsay, Hadwin, Allyson F., University of Victoria
144. **Examining links between perceived exercise pattern, attributions, and exercise-related cognitive errors**
Locke, Sean R., Brawley, Lawrence R., University of Saskatchewan

NASPSPA Poster Session #3 – Saturday, June 18, 2016

Motor Development

1. **Cognitive function state underlying patterns of movement coordination during behaviors by the elderly: Applied to a system approach**
Park, Chulwook, Kim, Seonjin; Seoul National University
2. **Do young obese women exhibit balance disadvantages?**
Roncesvalles, Maria N., HESS, Texas Tech University; Dubey, Neha, Texas Tech University
3. **Assessing measurement invariance of the Korean Sport Motivation Scale (KSMS) for elite and non-elite athletes**
Lee, Boram, Chung, Jihye, Sookmyung Women's University; Hwang, Seunghyun, Korea Institute of Sport Science
4. **Measuring perceptions of competence in young children: The influence of performing and observing one's performance on perceived competence scores**
Rudisill, Mary E., Wadsworth, Danielle D., Irwin, Jacqueline M., Hastie, Peter A., Johnson, Jerraco L., Bridges, Claire E., Auburn University
5. **Validity and reliability of two short forms of the Test of Gross Motor Development-2**
Valentini, Nadia C., Universidade Federal do Rio Grande do Sul; Rudisill, Mary E., Auburn University; Bandeira, Paulo F., Universidade Federal do Rio Grande do Sul; Hastie, Peter A., Auburn University
6. **Motor proficiency in Brazilian children using TGMD-3: Age and sex differences**
Valentini, Nadia C., Universidade Federal do Rio Grande do sul; Zanella, Larissa W., Bandeira, Paulo F R., Nobre, Glauber C., UFRGS; Gonzalves, Marcelo D., Federal University of Amazonas; da Silva Sousa, Francisco C., University Catolica Rainha do Sertao & Federal Institute of Education, Science and Technology
7. **Validity of the affordances in the home environment for motor development in daycare setting**
Valentini, Nadia C., Universidade Federal do Rio Grande do sul, Alessandra B., UFRGS & UNISINOS; Bandeira, Paulo F., UFRGS
8. **Specialization, injuries, menarcheal timing and the zone of Peak Height Velocity (PHV): A retrospective recall of collegiate female swimmers**
Monsma, Eva V., Barton, Nicole, Stodden, Dave F., Mensch, James M., University of South Carolina
9. **The impact of congenital v. acquired visual impairments of physical activity participation among adults**
Brian, Ali S., University of South Carolina; Haegele, Justin A., Old Dominion University; Lieberman, Lauren J., The College at Brockport
10. **Integrating core curriculum with basic movement skills in elementary physical education**
Hollett, Nikki L., Auburn University; Sluder, Brandon J., Troy University; Taunton, Sally, University of South Carolina; Brock, Sheri J., Auburn University
11. **Impact of adiposity on physical activity in young infants**
Snyder, Kailey E., University of Nebraska at Omaha; Dinkel, Danae M., Kyvelidou, Anastasia, Lee, Jung Min, University of Nebraska-Omaha
12. **Physical activity levels of preschoolers and early childhood education students during outdoor play sessions at a university lab school.**
Wall, Sarah J., Culpepper, Dean, Birky, Beth, Gard, Elaine, Eastern New Mexico University
13. **Examining the impact of physiological characteristics and generalized self-efficacy on children's physical activity levels across the movement proficiency spectrum: Preliminary findings**
Wright, Kemi E., Thornton, Ashleigh L., Licari, Melissa K., Naylor, Louise H., Reid, Siobhan L., Furzer, Bonnie J., The University of Western Australia

14. **Healthy children in sound communities - A longitudinal intervention project in primary schools to prevent obesity**
Dreiskämper, Dennis, University of Münster, Germany; Utesch, Till, Naul, Roland, University of Münster
15. **The relationship between fundamental movement skills and perceived motor competency among an adolescent cohort**
Mcgrane, Bronagh, Edge Hill university; Belton, SarahJane, Powell, Danielle, Issartel, Johann, Dublin City University
16. **Motor competence in children and adolescents: differences in health related fitness between high and low motor competence groups.**
Luz, Carlos, Instituto Politecnico de Lisboa; Almeida, Gabriela, Faculdade de Ciências da Saúde, Universidade Fernando Pessoa; Rodrigues, Luís P., Escola Superior de Desporto e Lazer, Instituto Politecnico de Viana do Castelo; Cordovil, Rita, Faculdade Motricidade Humana, Universidade de Lisboa
17. **Relationship between motor skill competency and body composition in children**
Webster, E. Kipling, Louisiana State University; Robinson, Leah E., University of Michigan
18. **Motor competence and physical activity levels of children: the interdependence of multiples factors**
Valentini, Nadia C., Universidade Federal do Rio Grande do sul; de Souza, Mariele S., Bandeira, Paulo FR., UFRGS
19. **Construct validity and reliability of the pictorial scale of perceived movement skill competence for Brazilian young children.**
Valentini, Nadia C., Universidade Federal do Rio Grande do sul; Bandeira, Paulo FR., Nobre, Glauber C., Zanella, Larissa W., UFRGS; Sartori, Rodrigo F., UFRGS & PUCRS & Serra Gaucha School; Ribeiro, Priscila A., School Leao Sampaio
20. **Measuring perceived motor competence and physical self-concept of children: An analysis of different approaches to measure self-perception in early childhood**
Dreiskämper, Dennis, Tietjens, Maike, University of Münster, Germany; Schott, Nadja, University of Stuttgart, Germany; Barnett, Lisa, Deakin University

Motor Learning and Control

21. **The effect of internal and external focus instructions and feedback on skill acquisition in children**
Agar, Charles, Humphries, Charlotte, Hebert, Edward, Southeastern Louisiana University
22. **Effects of attentional focus instructions on standing long jump performance in early adolescents**
Coker, Cheryl A., Plymouth State University
23. **External focus of attention enhances children's learning of a pirouette en dehors**
Chiviakowsky, Suzete, Silva, Mariana, Lessa, Helena, Federal University of Pelotas; Wulf, Gabriele, University of Nevada, Las Vegas
24. **Attentional focused feedback and underhand tossing in a first grade physical education setting**
Seneri, Amanda B., University of the Incarnate Word; Petranek, Laura J., Boise State University; Bolter, Nicole D., San Francisco State University
25. **Focus of attention in NCAA division 1 collegiate athletes: A qualitative investigation**
Diekfuss, Jed A., University of North Carolina at Greensboro; Raisbeck, Louisa D., The University of North Carolina at Greensboro
26. **Analysis of sway characteristics during different attentional focus conditions using Sample Entropy**
Potvin-Desrochers, Alexandra, Polskaia, Nadia, Lajoie, Yves, Ottawa
27. **Focusing on essential oils: Do they really make a difference?**
Avans, Diana E., Martinez, Tiffanne, Ishizu, Kevin, Vanguard University

28. **Direction and relevance of the focus of attention in dart-throwing with and without concurrent visual feedback**
Sherwood, David E., University of Colorado; Lohse, Keith, Auburn University; Healy, Alice F., University of Colorado, Boulder
29. **Stimulus or response based sequence learning is determined by temporal placement of a preceding focused attention meditation**
Chan, Russell W., Immink, Maarten A., Lushington, Kurt, University of South Australia; Mosewich, Amber D., University of Alberta
30. **Effects of focus of attention on older adults**
Lin, Ching-er, National Taichung University of Education
31. **A comparison of attentional focus effects on golf putt learning in adults and children**
Perreault, Melanie E., The College at Brockport, State University of New York; Doan, Robert, Quisenberry, Sean, The University of Southern Mississippi
32. **The effect of focus of attention on learning to kick in novice taekwondo athletes**
Roseman, Alyssa, Sherwood, David E., University of Colorado, Boulder
33. **An internal focus of attention during exercise can influence anxiety in Parkinson's disease**
Wang, Mary Y., Movement Disorders Research & Rehabilitation Centre; Beck, Eric N., Movement Disorders Research and Rehabilitation Centre, Wilfrid Laurier University; Ehgoetz Martens, Kaylena A., University of Sydney; Almeida, Quincy J., Movement Disorders Research and Rehabilitation Centre, Wilfrid Laurier University
34. **Not all choices are created equal: The differential impact of task-relevant and task-irrelevant choices on motor learning**
Carter, Michael J., Elnakouri, Abdo, Yantha, Zachary, Ste-Marie, Diane M., University of Ottawa
35. **Postural sway during single leg stance depends on stepping direction**
Roemer, Karen, Vanderheyden, David, Foch, Eric, Central Washington University
36. **Stepping direction alters temporal structure of lower extremity biomechanics in single leg stance**
Roemer, Karen, Vanderheyden, David., Foch, Eric., Central Washington University
37. **Ability to maintain a 0.22 m/sec gait speed as directed by an auditory metronome in adults**
McCutchan, Stacey, Christoph, Brady, McDaniel, Samie, Looper, Julia, University of Puget Sound
38. **Using feedback enhanced visual metronomes to manipulate gait dynamics**
Macpherson, Ryan P., Raisbeck, Louisa D., Etnier, Jennifer L., Rhea, Christopher K., University of North Carolina at Greensboro
39. **Examining impulse-variability theory and the speed-accuracy trade-off in overarm throwing performances in children**
Molina, Sergio L., Missouri Western State University; Stodden, David F., University of South Carolina
40. **Dosage effect on retention of a fractal gait pattern using a fractal visual metronome**
Frame, Logan J., Raisbeck, Louisa D., Etnier, Jennifer L., Rhea, Christopher K., University of North Carolina at Greensboro
41. **Performance of a texting task is influenced more by content than whole body motion: Standing vs. walking during a texting task.**
Acharya, Prasanna K., Wings, Sara A., Louisiana State University
42. **Timing adjustment strategies in football kicking using body movement**
Ikudome, Sachi, Nakamoto, Hiroki, Mori, Shiro, National Institute of Fitness and Sports in KANOYA

43. **Ratio of social characteristics affects motor joint action performance**
Mukai, Kae, Tsutsui, Seijiro, Aichi University of Education
44. **Exploring the pathway between fundamental movement skills and physical activity, and the role of fitness as a mediator.**
Powell, Danielle P., Issartel, Johann, Dublin City University; McGrane, Bronagh, Edge Hill University; Barnett, Lisa, Salmon, Jo, Timperio, Anna, Deakin University; Belton, Sarahjane, Dublin City University
45. **Gait dynamics in a rhythmic auditory stimulation task that induces symmetrical or asymmetrical walking**
Stout, Ruth D., University of North Carolina at Greensboro; Cessford, Kimberley C., Burr ridge, Jane H., University of Southampton; Whittall, Jill H., University of Maryland; Rhea, Christopher K., University of North Carolina at Greensboro
46. **Observation of postural imbalance does not induce postural reactions: A replication study of a motor contagion effect**
Eils, Eric, Institute of Sport and Exercise Science; Richter, Sascha, Kuhlmann, Hendrik, Seitz, Alexander, Luiking, Ole, Mehren, Aylin, de Lussanet, Marc, Zentgraf, Karen, Institute of Sport and Exercise Science, University of Münster
47. **Cricket batsmen may have been batting back-to-front since the invention of the game**
Mann, David L., VU Amsterdam; Allen, Peter M., Anglia Ruskin University; Runswick, Oliver R., St Mary's University
48. **Increased voluntary activation of the leg muscles during cycling interacts with transition to running in triathletes.**
Kovacs, Attila J., Camic, Clayton L., Bradley, Lauren E., Durham, Emily A., Griffith, Patrick, Miller, Taylor L., Nelson, Alexandra, University of Wisconsin - La Crosse; Baweja, Harsimran S., San Diego State University
49. **Effects of Pattern Running vs. Reactive Initiation Training on Badminton On-court Agility**
Hart, Thomas P., Zhu, Qin A., University of Wyoming
50. **Spatiotemporal gait parameters are affected by footwear stiffness in toddler-aged children.**
Appelquist, Bryon C., Kyvelidou, Anastasia, McCamley, John D., Myers, Sara A., University of Nebraska at Omaha
51. **Objectifying comfort: investigating physiological explanations for the adoption of different grip selection strategies**
Burgess, Raquel, Cappelletto, Jessica, Skultety, Jessica K., Lyons, James L., McMaster University
52. **Relationships between jump, sprint and agility performance in different team sports**
Fleddermann, Marie-Therese, Heppe, Holger, Eils, Eric, Zentgraf, Karen, University of Munster
53. **Single and dual leg Fitts task: Is two better than one?**
Boyle, Jason B., The University of Texas at El Paso; Wang, Chaoyi, Texas A&M University; Gamez, Alejandra, Ables, Alicia, The University of Texas at El Paso
54. **The effect of task difficulty on center of mass loading in a forward leap**
Boyle, Jason B., Sullivant, Frank, Yang, Feng, The University of Texas at El Paso
55. **Investigating the influence of dominance on joint position sense**
Forsyth, Amanda N., Bryden, Pamela J., Wilfrid Laurier University
56. **Does vibro-tactile stimulation of the vestibular system influence standing postural control?**
Lempke, Nicholas, Ambati, Pradeep, University of Nebraska at Omaha; Janky, Kristen, Boys Town National Research Hospital; Kyvelidou, Anastasia, University of Nebraska at Omaha
57. **Human Odometer on inclined surfaces**
Lopez-Felip, Maurici A., Davis, Tehran J., University of Connecticut
58. **Learning and transfer of a 1:2 continuous coordination pattern**
Panzer, Stefan, Institute of Sport Science; Vieluf, Solveig, Aix-Marseille Universite; Shea, Charles H., Texas A&M University

59. **Moving the dominant or the non-dominant wrist faster by different start positions in a bimanual coordination task**
Panzer, Stefan, Massing, Matthias, Institute of Sport Science; Kennedy, Deanna, Shea, Charles H., Texas A&M University
60. **Proactive influences in the coordination dynamics of bimanual patterns**
Buchanan, John J., Texas A & M; Park, Inchon, Chen, Jing, Wright, David L., Texas A&M University
61. **The influence of force production on reaction time in the contralateral limb.**
Kennedy, Deanna M., Patel, Priya, Shea, Charles H., Texas A&M University
62. **Monitoring-pressure enhances the coordination tendencies of bimanual actions**
Park, Inchon, Chen, Jing, Buchanan, John J., Wright, David, Mehta, Ranjana, Rhee, Joohyun, Texas AnM; Verwey, Willem B., University of Twente
63. **Target width scaling in unimanual and bimanual aiming tasks**
Wang, Chaoyi, Shea, Charles H., Texas A&M University
64. **The effects of rhythmic auditory cueing and changing task difficulty in a goal-directed reach task**
Glazebrook, Cheryl M., Ladwig, Jacqueline C., University of Manitoba
65. **Reaching and grasping in a natural environment: Task difficulty still matters**
Kurz, Johannes, Justus-Liebig-University Giessen, Germany; Hegele, Mathias, Justus-Leibig University, Giessen, Germany; Reiser, Mathias, Munzert, Joern, Justus-Liebig-University Giessen, Germany

Sport and Exercise Psychology

66. **Initial development and validation of the deliberate practice self-efficacy scale**
LaForge-MacKenzie, Kaitlyn, Baker, Joseph, York University; Young, Bradley W., University of Ottawa
67. **Measuring multidimensional subjective well-being with the i coppe scale in a hispanic sample**
Myers, Nicholas D., Park, Sung Eun, Lefevor, Gary T., Dietz, Samantha, Prilleltensky, Isaac, Prado, Guillermo J., University of Miami
68. **Qualitative and quantitative validity evidence for a state mindfulness measure for youth**
Ullrich-French, Sarah, Cox, Anne E., Cole, Amy N., Cooper, Brittany, Gotch, Chad, Washington State University
69. **Testing the face validity and reliability of a modified SIT-Q 7 day recall questionnaire measuring sedentary time and break frequency & duration.**
Sui, Wuyou, Western University
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Bruner, Mark W., Nipissing University; Eys, Mark, Wilfrid Laurier University; Carreau, Jeremie M., Wendigo Lake Expeditions, Inc.
71. **Validation of measures to assess cognition and quality of life in older adults**
George, Amanda M., Ploughman, Michelle, Rohr, Linda, Memorial University of Newfoundland
72. **The exploration and validation of a personal and socio-emotional development scale for university sport.**
Rathwell, Scott, Young, Bradley W., University of Ottawa
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Gardner, Lauren A., Vella, Stewart A., Magee, Christopher A., University of Wollongong
74. **Development of the athlete regret scale**
Madrigal, Leilani, University of Nebraska; Robbins, Jamie E., Methodist University

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Klein, Ashley R., Castro, Wesley A., University of Northern Iowa; Watanabe, Priscila I., Universidade Federal do Parana; Choi, Seong-In, University of Northern Iowa; da Silva, Michael P., Mazzardo Jr, Oldemar, Universidade Federal do Parana; Waldron, Jennifer, University of Northern Iowa; de Campos, Wagner, Universidade Federal do Parana; Fontana, Fabio E., University of Northern Iowa
76. **The role of grit in sport expertise development: Preliminary analyses of factor structure, validation of the Grit Scale in sport, and associations with practice and skill level.**
Tedesqui, Rafael A. B., Young, Bradley W., University of Ottawa
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Bartulovic, Dora, Young, Bradley W., University of Ottawa
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Robinson, Kathryn, York University; Wattie, Nick, University of Ontario Institute of Technology; Schorer, Jörg, University of Oldenburg; Baker, Joseph, York University
79. **More than one road leads to Rome: Meta-analysis of physical activity interventions on cognition in children**
Smiley-Oyen, Ann L., Vazou, Spyridoula, Iowa State University; Pesce, Caterina, Italian University Sport and Movement; Lakes, Kimberley D., University of California, Irvine
80. **The internal-external frame of reference model in sport**
Tietjens, Maike, University of Münster, Department of Sport and Exercise Sciences; Möller, Jens, Christian Albrechts University Kiel; Lohbeck, Annette, University of Oldenburg
81. **A systematic examination of policies addressing maltreatment in youth hockey in Canada**
Banwell, Jenessa M., Tamminen, K., Kerr, G., & Donnelly, P., University of Toronto
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McDougall, Michael, Liverpool John Moores University
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Buck, Sarah, Martin, Bryon, Chicago State University
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Fortin-Guichard, Daniel, Boudreault, Veronique, Trottier, Christiane, Universite Laval
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Sullivan, Philip, Marini, Mat J., Razavi, Parmida J., Blacker, Mishka J., Brock University
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Burke, Shauna M., School of Health Studies, Western University; Jacobs, Josephine, Rouse, Michael, Tembo, Rodney, Yaquian, Elisa, Ivey Business School, Western University; Sarma, Sisira, Schulich School of Medicine and Dentistry, Western University; Zaric, Greg, Ivey Business School, Western University
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Langvee, Jason H., Graham, Jeffrey D., Zering, Jennifer C., Bray, Steven R., McMaster University
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Godfrey, Michael J., Beck, Eric N., Intzandt, Brittany, Almeida, Quincy J., Wilfrid Laurier University
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Chen, Feng-Tzu, Hsieh, Yu-Chen, Liu, Jen-Hao, Chang, Yu-Kai, National Taiwan Sport University

90. **Neural efficiency of elite curlers' brains during imagery training of strategy-based decision making**
Westlund Stewart, Nicole, Western University; Mekers, William F., Laurentian University
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Yang, Wen-Chung, Huang, I-Lun, Chang, Yu-Kai, National Taiwan Sport University
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Wu, Chih-Han, Wang, Chun-Chih, Chang, Yu-Kai, National Taiwan Sport University
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Koopmann, Till, Krause, Daniel, Steggemann, Yvonne, Baumeister, Jochen, Paderborn University
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Peng, Jie Yu, Shanghai University of Sport; Zhu, Qin, University of Wyoming; Li, Anmin, Shanghai University of Sport
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Hwang, Seunghyun, Korea Institute of Sport Science; Chang, Duksun, Korea National Sport University; Chung, Jihye, Sookmyung Women's University; Cho, Seongkwan, Texas A&M International University
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Brush, Christopher J., Olson, Ryan L., Ehmann, Peter J., James-Palmer, Aurora M., Schreier, Colleen D., Alderman, Brandon L., Rutgers University
97. **The dose-response relationship between duration and executive function in middle-late-aged adults: A preliminary study**
Hsieh, Yu-Chen, Chen, Feng-Tzu, Chang, Yu-Kai, National Taiwan Sport University
98. **Trust in sport and exercise apps' effects on exercise behavior**
Querfurth, Sydney C., Sch, Linda, Westfaelische Wilhelms Universitaet-Münster
99. **Moving with technology: Adapting a telephone-based physical activity counselling service for adults with disabilities**
Orr, Krystn, Arbour-Nicotopoulos, Kelly P., University of Toronto; Tomasone, Jennifer R., Latimer-Cheung, Amy E., Queen's University; Martin Ginis, Kathleen A., McMaster University
100. **The technical quality of online active living resources for people with physical disabilities**
Shaw, Robert B., McMaster University; Mallory, Kylie D., University of Toronto; Arkell, Jane, Active Living Alliance for Canadians with a Disability; Martin Ginis, Kathleen A., McMaster University
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Gau, Li-Shiue, Chang, I-Hsun, Kuo, Chun-Hsien, Asia University, Taiwan
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Gau, Li-Shiue, Lin, Yu-Ting, Hung, Meng-Tsung, Chen, Sih-Huei, Chang, Kang-Ming, Asia University, Taiwan
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Gunter, Rebecca, York University; Faulkner, Guy, University of British Columbia; Tremblay, Mark, University of Ottawa; Berry, Tanya, University of Alberta; Nair, Pratik, University of Toronto; Kamarhie, Aria, York University
104. **An evaluation of you can play's high school and university playbooks**
Duguay, Ashley M., Loughead, Todd M., University of Windsor; Aagenes, Anna, You Can Play
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Howe, Holly, Ashdown-Franks, Garcia, Sabiston, Catherine M., Aheadi, Afshin, Welsh, Tim N., University of Toronto

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Whitehead, Amy, Liverpool John Moores University; Polman, Remco C.J., Bournemouth University; Dowling, Christopher, Morley, David, Liverpool John Moores University
107. **Teacher provision of relatedness support and student-peer relations in high school physical education**
Sparks, Cassandra, Dimmock, James, University of Western Australia; Lonsdale, Chris, Australian Catholic University; Jackson, Ben, University of Western Australia
108. **The role of teacher specialization, age, and gender on the physical literacy of northeastern ontario elementary students**
Confesor, Valaine, Law, Barbi, Bruner, Brenda, Nipissing University
109. **Examining coach expectations of off-season training programs: Is sport specialization a realistic option?**
DiSanti, Justin S., Michigan State University
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Speed, Tyler N., Bopes, Jonathan P., Bendixen, Seth D., George, Megan, Strabala, Colin L., Mack, Mick, Fontana, Fabio E., University of Northern Iowa
111. **Athlete responses to managerial change in sport**
Wagstaff, Christopher RD., Thelwell, Richard C., University of Portsmouth
112. **A desire to maintain physical independence: Exploring palliative care patients' views and opinions on physical activity**
Burke, Shaunna, Harley, Clare, University of Leeds
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Hall, Morgan S., Podlog, Leslie William, Newton, Maria, Fritz, Julie, Galli, Nick A., Butner, Jonathan, University of Utah
114. **Size versus density when examining birthplace effects**
Hancock, David J., Indiana University Kokomo; Coutinho, Patricia, University of Porto; Cote, Jean, Queen's University; Mequita, Isabel, University of Porto
115. **A tale of two cities: Exploring inter-city variability in the development of National Hockey League players from Ontario and Quebec.**
Farah, Lojain, University of Ontario Institute of Technology; Schorer, Jörg, University of Oldenburg; Baker, Joseph, York University; Wattie, Nick, University of Ontario Institute of Technology
116. **Hill on a mountaintop: A longitudinal study of the relative age effect in an English premier league soccer academy**
Jackson, Robin, Loughborough University; Comber, Gavin, Brunel University London
117. **Awareness and perceptions of relative age effects: A case study analysis**
Sherman, Aubrey, Hancock, David J., Indiana University Kokomo
118. **A qualitative exploration of the positive experiences and life skills developed through participation in university sport.**
Rathwell, Scott, Young, Bradley W., University of Ottawa
119. **"The easy way is for the weak": A qualitative exploration of social identity and self-presentation as contributors to overuse injury in physical activity**
Beasley, Vista L., Eklund, Robert C., Coffee, Pete, University of Stirling
120. **Conceptions of adolescent friendship quality in sport and music domains**
Phillips, Alison C., Weiss, Maureen R., University of Minnesota

121. **Assessing need-supportive and need-thwarting interpersonal behaviors in sport: The Interpersonal Behaviors Questionnaire (IBQ)**
Rocchi, Meredith, Pelletier, Luc, Cheung, Susanna, Desmarais, Philippe, Beaudry, Simon, Baxter, Daniel, University of Ottawa
122. **Examining the dynamic nature of connectedness, and its relation to moral behaviour through sociometry and observation in youth sport**
Herbison, Jordan, Vierimaa, Matthew, Cote, Jean, Martin, Luc J., Queen's University
123. **Perceptions matter more than observations: Different operationalizations of team unity and their relationship to individual and team outcomes**
Wolf, Svenja A., Feddes, Allard R., University of Amsterdam
124. **Elite archers' perception on guided self-reflection and performance**
Koh, Koon teck, Nanyang Technological University
125. **To get involved or not to get involved: Normative influence on athletes' intentions to intervene in sport**
Spink, Kevin S., Fesser, Kayla B., McLaren, Colin D., University of Saskatchewan
126. **Stereotypes for action? Use of the "athlete stereotype" and its possible effect on people with disabilities**
Todd, Kendra R., Perrier, MJ, McMaster University; Latimer-Cheung, Amy E., Queen's University; Smith, Brett, University of Birmingham; Martin Ginis, Kathleen A., McMaster University
127. **From the cricketers' perspectives: Experiences of a 21 day mindfulness training program**
Mosewich, Amber D., University of Alberta; Immink, Maarten A., University of South Australia; McGregor, Matthew, South Australian Cricket Association
128. **Anchoring movement and 'nerves': A study of anchored putting under low and high psychological pressure**
Iso-Ahola, Seppo E., Dotson, Charles O., University of Maryland; Jagodinsky, Adam E., Clark, Lily C., Smallwood, Lorraine L., Wilburn, Christopher, Weimar, Wendi H., Miller, Matthew W., Auburn University
129. **Attentional suppression during movement execution: Exploring the underlying mechanisms**
Bigliassi, Marcelo, Karageorghis, Costas I., Nowicky, Alexander V., Wright, Michael J., Brunel University London; Orgs, Guido, Goldsmiths, University of London
130. **A developmentally informed examination of sibling relationships and perceived sport competence in young athletes**
Blazo, Jordan A., Louisiana Tech University; Smith, Alan L., Michigan State University; Whiteman, Shawn D., Purdue University
131. **Risk taking behaviors of male and female students in sport and daily life**
Stuntz, Cheryl P., St. Lawrence University; Belanger, Josee M., Laurentian University
132. **Alcohol and ice hockey: Documenting binge drinking-related activities during a junior-level tournament**
Roy, Jonathan, Camiré, Martin, University of Ottawa
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Drewery, David, Wilson, Wade, University of Waterloo
134. **Understanding the influence of organizational culture on exercise adherence: A social identity perspective**
Bruner, Mark W., Nipissing University; Bailey, Brogan, Dalhousie University; Benson, Alex, Wilfrid Laurier University
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Pila, Eva, University of Toronto; Castonguay, Andree L., Concordia University; Sabiston, Catherine M., University of Toronto

136. **Tuning the instrument: A phenomenological study of the somatic, affective and cognitive qualities of Qigong**
Johansson, Mattias, Örebro University; Gustafsson, Henrik, Karlstad University
137. **A pilot study of physical activity behavioral counseling for students seeking mental health support: Feasibility and mental health benefits**
Omran, Janine, Howe, Holly, Sabiston, Catherine, University of Toronto; Faulkner, Guy E., University of British Columbia
138. **A test of the risk perception attitude framework in the physical activity domain among adults with multiple sclerosis**
Lithopoulos, Alexander, Latimer-Cheung, Amy E., Queen's University
139. **Is sport unique: A comparative study of high school extracurricular activities**
Hawvermale, Erica, Dorsch, Travis E., Utah State University
140. **Former youth athletes' perceptions and experiences of life skills transfer from an intensive sport camp**
Pierce, Scott, Illinois State University; Gould, Daniel, Erickson, Karl, Smith, Alan, Heilman, Elizabeth, Michigan State University
141. **How did it end? Investigating the lifespans of former professional basketball players**
Lemez, Srdjan, York University; Wattie, Nick, University of Ontario Institute of Technology; Lawler, Tyler, Division of Epidemiology and Public Health, City Hospital; Lawler, Frank, Department of Family and Preventive Medicine, University of Oklahoma Health Sciences; Baker, Joseph, York University
142. **Just noticeable differences for whole-body vibration transmitted on a road bicycle**
Ayachi, Fouaz S., McGill University; Champoux, Yvan, Drouet, Jean-Marc, Université de Sherbrooke; Guastavino, Catherine, McGill University
143. **How do enthusiast cyclists conceptualize road bicycle comfort?**
Lavoie, Maryse, Dorey, Jonathan, Guastavino, Catherine, McGill University
144. **The effect of preferred physical positioning on perceived effort and performance during group exercise**
Richards, Devyn, Bruner, Brenda, Arnocky, Steven, Bruner, Mark W., Nipissing University