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., Whitall, 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**
Ringenebach, 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; Apolifs, 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; Turnnidge, 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; Turnnidge, 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-independent 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, Giusepppe, 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

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**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

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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; NASPSPA 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., Langvее, 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 Weinstein, 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, Weinstein, 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
3:15 – 5:15 pm  **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.

5:15 – 6:00 pm  **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

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

6:30 – 8:00 pm  **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.

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**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, Shreja 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; Rhee, Christopher K., University of North Carolina at Greensboro

8:15  **Embeddedness of motor synchrony in circadian rhythm**  
Park, Chulwook; Kim, Seonjin; Park, Hyeongsaeng; 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

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**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 proprioceptive 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

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**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, Wadey, 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

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**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; Borras, 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 Michelli 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 load 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, Brittnay 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; Bélanger, 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 Michigan

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, Taubehnheim, 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, Husun University

21. **Effects of Taekwondo intervention on balance in children with autism spectrum disorder**
   Kim, Yumi, Todd, Teri, Fujii, Takuto Jimmy., Jeng, Brenda, Vrongistinos, Konstantinos, 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; Winston, 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; Blischke, 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, Yuko, 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**
Chiviacowsky, Suzete, Cardozo, Priscila, Federal University of Pelotas; Chalabaev, Aina, University Joseph Fourier – Grenoble

63. **The effect of fractal gait synchronization on cardioloocomotor 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; McDougall, 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 València

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-deshaies, 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., Middle 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., Loughead, 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, Universite 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, Oluwadamilola O., 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-pressureed task? Preliminary results of a longitudinal study on the development of decision-making
Musculus, Lisa, German Sport University Cologne, Institute of Psychology; Lobinger, Babett, 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, Universite Grenoble Alpes; Eys, Mark A., Wilfrid Laurier University; Dubuc, Martin, Cambrian
   College; Bosselut, Gregoire, Universite de Montpellier; Couture, Roger, Laurentian University

140. Relationship between cohesion and different types of motivation in African players
   Heuze, Jean-Philippe, Universite Grenoble Alpes; Diatta, Safietou, Universite Gaston Berger; Sarrazin, Philippe,
   Universite 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
   Harensberg, 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-Berrueco, 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
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

    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, Winston, 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

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
Olson, 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, Britney, 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, Brcc, 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; Chiviacowsky, 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
   Larsen, 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

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**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; Hamlin, 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.**  
   Hibs, 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, Joohoe, 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; Kolac, 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 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, Gabriell, David A., Brock University

96. **Physical activity intervention for non-active adults from economically challenged families: "Will for movement and movement for will"**  
   Beasley, Vista L., Eklund, Robert C., Coffee, Pete, University of Stirling

97. **The effects of acute physical activity intensity and BDNF val6met 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**  
   Tomasone, 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**
Cologgi, Kimberly A., Florida State University; Chow, Graig, Florida State University

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., Ryrie, 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-Shue, 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?  
Dobersek, 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
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; Gonzalez, 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; Haegle, 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

Luz, Carlos, Instituto Politecnico de Lisboa; Almeida, Gabriela, Faculdade de Ciências da Saúde, Universidade Fernando Pessoa; Rodrigues, Luis 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

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  
Chiviacowsky, 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, Abdо, 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., Winges, 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; McGarne, 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., Burridge, Jane H., University of Southampton; Whitall, 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.**  

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.**  
Applequist, 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**  
Fledermann, Marie-Therese, Heppke, Holger, Eils, Eric, Zentgraf, Karen, University of Münster

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-Liebig University, Giessen, Germany; Reiser, Mathias, Munzert, Joern, Justus-Liebig-University Giessen, Germany

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**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 cope 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

70. **Utilizing the Team Environment AssessMent (TEAM) to enhance team building in sport** 
   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

73. **Social support profiles in youth sports: implications for motivational outcomes and continued participation** 
   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
75. Development and validation of the Brazilian Weight Teasing during Physical Activity Scale
Klein, Ashley R., Castro, Wesley A., University of Northern Iowa; Watanabe, Priscila I., Universidade Federal do Paraná; Choi, Seong-In, University of Northern Iowa; da Silva, Michael P., Mazzardo Jr, Oldemar, Universidade Federal do Paraná; Waldron, Jennifer, University of Northern Iowa; de Campos, Wagner, Universidade Federal do Paraná; 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

77. Exploring the validity of the self-regulated learning self-report scale in a North American sport sample
Bartulovic, Dora, Young, Bradley W., University of Ottawa

78. A Systematic Review of 25 Years of Research in Talent Selection: Preliminary Results
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, Malke, 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

82. Putting some culture back into culture change: Time to ask what culture is and not only what it can do for us
McDouggall, Michael, Liverpool John Moores University

83. High stakes environments and the psychological toll on referees: Future directions
Buck, Sarah, Martin, Bryon, Chicago State University

84. Training, experience, effectiveness and perceptions towards sports psychology consultants: A systematic review
Fortin-Guichard, Daniel, Boudreault, Veronique, Trottier, Christiane, Université Laval

85. The effect of interpersonal synchrony on endorphin levels in a non-vigorous task
Sullivan, Philip, Marini, Mat J., Razavi, Parmida J., Blacker, Mishka J., Brock University

86. Cardiovascular disease risk awareness and its association with preventive health behaviours: Evidence from a sample of Canadian workplaces
Burke, Shauna M., School of Health Studies, Western University; Jacobs, Josephine, Rouse, Michael, Tembo, Rodney, Yaquian, Elisa, Ivy Business School, Western University; Sarma, Sisira, Schulich School of Medicine and Dentistry, Western University; Zoric, Greg, Ivy Business School, Western University

87. Practice and imagined performance of effortful self-control affect cardiovascular exercise endurance: preliminary findings
Langvée, Jason H., Graham, Jeffrey D., Zering, Jennifer C., Bray, Steven R., McMaster University

88. Does motivation to exercise change as a result of a rehabilitation intervention in Parkinson's disease
Godfrey, Michael J., Beck, Eric N., Intzandt, Brittany, Almeida, Quincy J., Wilfrid Laurier University

89. The dose-response relationship between the duration and switching aspects of executive function in middle-old-aged adults: A preliminary study
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

91. Spatial working memory response to acute exercise at different time points in middle-aged adults  
Yang, Wen-Chung, Huang, I-Lun, Chang, Yu-Kai, National Taiwan Sport University

92. Effects of acute aerobic and resistance exercises on the shifting aspect of executive function: An ERP study  
Wu, Chih-Han, Wang, Chun-Chih, Chang, Yu-Kai, National Taiwan Sport University

93. Mental rotation of tactical instruction displays affects processing demand and execution accuracy of playing patterns in basketball  
Koopmann, Till, Krause, Daniel, Steggemann, Yvonne, Baumeister, Jochen, Paderborn University

94. The effects of memory style and motor experience on action memory  
Peng, Jie Yu, Shanghai University of Sport; Zhu, Qin, University of Wyoming; Li, Anmin, Shanghai University of Sport

95. The relationship between the balance of autonomic nerve system and psychophysiological state  
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

96. Event-related potential indices of cognitive function in long-term yoga practitioners  
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-aged adults: A preliminary study  
Hsien, 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, Westfälische Wilhelms Universität Münster

99. Moving with technology: Adapting a telephone-based physical activity counselling service for adults with disabilities  
Orr, Krystn, Arbour-Nicitopoulos, 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

101. Examining the correlates of exploration activities for senior high school students in Taiwan  
Gau, Li-Shiue, Chang, I-Hsun, Kuo, Chun-Hsien, Asia University, Taiwan

102. Aesthetic experience in appreciating sport photos – physical and psychological signals  
Gau, Li-Shiue, Lin, Yu-Ting, Hung, Meng-Tsung, Chen, Sih-Huei, Chang, Kang-Ming, Asia University, Taiwan

103. Can the Moblees move Canadian kids?  
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

105. Examining affective, cognitive, and behavioral body image predictors of media consumption habits  
Howe, Holly, Ashdown-Franks, Garcia, Sabiston, Catherine M., Aheadi, Afshin, Welsh, Tim N., University of Toronto
106. **Cognitive focus within road cycling time-trial performance using Think Aloud**  
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

110. **Do personal trainers discriminate against overweight clients? An experimental study.**  
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

113. **Patient and practitioner perspectives of psychological need satisfaction in physical therapy**  
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**  
Mossewich, 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.; Willburn, 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

133. **The potential dark side of passion in collegiate sport: Passion as a link between moral disengagement and attitudes towards PEDs**  
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

135. **'Weighing in' on body image emotions and depression: Implications for breast cancer survivors in the first year post-treatment**  
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, Orebro 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, Universite 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