



**Conference Program
Minneapolis, MN
June 12–14, 2014**

Wednesday, June 11

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

Thursday, June 12

8:30 am – 10:00 am CONCURRENT SESSIONS

Sport and Exercise Psychology: Symposium – Understanding and Enhancing the Involvement of Parents, Families, and Coaches in Youth Sport

Room: MARQUETTE I

Moderator: Camilla J. Knight (Swansea University, United Kingdom)

Discussant: Daniel Gould, Michigan State University

Symposium Overview

Knight, Camilla J., Swansea University

Parents' sporting experiences and their involvement in youth sport

Dunn, Ryan; Dorsch, Travis E.; King, Michael; Rothlisberger, Kevin; Utah State University

Parents' sporting experiences and their involvement in youth sport

Knight, Camilla J., Swansea University; Dorsch, Travis E., Osai, Keith Q., Utah State University

Coaching education needs in youth sport: A case study

Bolter, Nicole; Petranek, Laura; Boise State University; Dorsch, Travis E., Utah State University

Motor Control and Learning Verbal Presentations – Motor Learning & Practice Schedules

Room: MARQUETTE IV

Moderator: Jim Lyons (McMaster University, Canada)

- 8:30 **Effects of knowledge of results in mental and physical practice**
Chitale, Aditi; Shea, John B.; Indiana University, Bloomington
- 8:45 **Self-controlled Practice Schedules for Learning Body Machine Interfaces**
Lee, Mei-Hua, Michigan State University; Farshchiansadegh, Ali, Northwestern University
- 9:00 **Amount of practice influences repeated retention effects**
Fairbrother, Jeff T.; Fisher, Kevin M.; Becker, Kevin A.; Genoves, Giovanna G.; Cregar, Cassi C.; University of Tennessee, Knoxville
- 9:15 **The option of receiving knowledge of results following performance leads to increased motor learning**
Carter, Michael J.; Klawitter, Dylan; Carlsen, Anthony N.; Ste-Marie, Diane M.; University of Ottawa
- 9:30 **An examination of feedback request strategies when learning a multi-dimensional motor task under self-controlled and yoked conditions**
Alami, Arya, LaGrange College; Fairbrother, Jeff; Corbetta, Daniela; Wozencroft, Angela; Dzikus, Lars; University of Tennessee

Motor Control and Learning Verbal Presentations – Posture and gait control

Room: MARQUETTE VI

Moderator: Chris Rhea, (University of North Carolina, Greensboro, USA)

- 8:30 **Self-regulation depletion and performance in an externally paced running task**
Schuecker, Linda, University of Muenster; MacMahon, Clare, Swinburne University of Technology
- 8:45 **Synchronizing gait to an avatar exhibiting a fractal walking pattern**
Rhea, Christopher K.; Wittstein, Matthew W.; MacPherson, Ryan P.; University of North Carolina–Greensboro
- 9:00 **Response preparation and execution processes during step initiation**
Sun, Ruopeng; Guerra, Richard; Shea, John B.; Indiana University-Bloomington
- 9:15 **Vestibular hypofunction and perspective of balance in adults with cerebral palsy**
Yu, Yawen; Snell, Sara; Chudnovskaya, Irina A.; Thompson, Elizabeth D.; Lauer, Richard T.; Temple University

9:30 **An external focus of attention improves stability after a perturbation during a dynamic balance task**

Ducharme, Scott W., University of Massachusetts–Amherst; Wu, Will F.W., California State University–Long Beach

Developmental Perspectives Verbal Presentations – Developmental Intervention

Room: SYMPHONY

Moderator: Marcio Oliveira (University of Maryland)

8:30 **Children benefit differently from part and whole practice in motor learning**

Chan, John S.Y., Beijing Normal University; Cai, Liu Yang, Liu, Guan Min, Tsinghua University; Luo, Yue J., Yan, Jin H., Shenzhen University

8:45 **Longitudinal tracking of a perceptual motor development program (from preschool to kindergarten – year 1)**

Howard-Shaughnessy, Candice; Sluder, Brandon; Robinson, Leah; Palmer, Kara K.; Troy University

9:00 **Associations between process and product measures of standing long jump in adolescents**

Cattuzzo, Maria Teresa, University of Pernambuco/University of South Carolina; Campos, Carolina M.C., University of Pernambuco; Re, Alessandro H.N., University of Sao Paulo/University of South Carolina; Oliveira, Dayana S., University of Pernambuco; Stodden, David F., University of South Carolina

9:15 **Academic readiness through movement education in preschoolers**

Howard-Shaughnessy, Candice; Sluder, Brandon; Troy University; Robinson, Leah; Irwin, J. Megan; Auburn University

9:30 **Real cliffs and water cliffs: The role of crawling experience on infants' behavior**

Burnay, Carolina, Pascoal, Joana, Cordovil, Rita Universidade de Lisboa, Faculdade de Motricidade Humana, CIPER

9:45 **Emergence of independent walking: Longitudinal analysis of cruising behavior in infants**

Sansom, Jennifer K., Central Michigan University; Ulrich, Beverly D., University of Michigan

10:00 – 10:15 am Refreshment Break

10:15 – 11:45 am CONCURRENT SESSIONS

**Developmental Perspectives: Symposium – Motor Development in Higher Education:
The Digital Revolution in Teaching & Learning**

Room: MARQUETTE I

Moderator: Casey Breslin (Temple University)

Motor development in higher education: The digital revolution in teaching and learning—Symposium overview

Breslin, Casey M., Temple University; Oliveira, Marcio A., University of Maryland;
Haibach, Pamela S., College at Brockport

Digital devices in your face (to face) motor development course

Breslin, Casey M.; Temple University

Making learning motor development unGoogleable

Oliveira, Marcio A.; University of Maryland

Best practices teaching online strategies

Haibach, Pamela S.; College at Brockport

Motor Control and Learning Verbal Presentations – Visual Guidance of Movement

Room: MARQUETTE IV

Moderator: William Berg (University of Miami, USA)

10:15 Franklin Henry Young Scientist Award (SCAPPS): The unidirectional prosaccade switch cost: It's not what you do, but what you don't do, that defines it

Weiler, Jeffrey, University of Western Ontario

10:30 Eye movement pattern changes during sequence learning

Panzer, Stephan; Vieluf, Solveig; Massing, Matthias; Saarland University;
Blandin, Yannick, University of Poitiers

10:45 The role of visual feedback in the bimanual advantage

Studenka, Breanna E.; Skabelund, Zach T.; Kent, Martin; Cummins, Daisha L.;
Turnbow, Cameron; Myers, Kodey; Utah State University

11:00 Investigating mechanisms underlying freezing gait in Parkinson's disease: A cognitive or sensory perceptual deficit?

Beck, Eric N.; Almeida, Quincy J.; Wilfrid Laurier University

11:15 Optic flow affects the specificity of spatiotemporal characteristics during split-belt locomotor adaptation with tactile stimulation

Eikema, Diderik Jan; Chien, Jung Hung; Mukherjee, Mukul; Stergiou, Nicholas;
University of Nebraska

Sport and Exercise Psychology Verbal Presentations – Group Influences

Room: MARQUETTE VI

Moderator: Diane Mack, Brock University, Canada

10:15 **Transformational leadership in sport: A qualitative examination with female athletes**

Newland, Aubrey; Newton, Maria; Podlog, Les; Legg, Eric; Tanner, Preston J.; University of Utah

10:30 **Validation of the psychometric properties of the Group Conflict Questionnaire**

Paradis, Kyle F., Carron, Albert V., University of Western Ontario; Martin, Luc J., University of Lethbridge

10:45 **Perceptions of the group environment on individual sport teams: experimentally comparing interdependence structures**

Evans, Blair, Eys, Mark; Wilfrid Laurier University

11:00 **Development of the Positional Competition in Team Sports Questionnaire (PCTSQ)**

Harenberg, Sebastian; Riemer, Harold A.; Karreman, Erwin; Dorsch, Kim; University of Regina

11:15 **The dynamic nature of cohesion and intention to return in a youth sport setting**

McLaren, Colin D., University of Saskatchewan; Eys, Mark A., Wilfrid Laurier University

Sport and Exercise Psychology Verbal Presentations – Identity and Self Perceptions

Room: SYMPHONY

Moderator: Katie Gunnell, University of Ottawa, Canada

10:15 **Daily diary assessment of body-related upward social comparisons and links to physical activity behavior**

Pila, Eva, University of Toronto; Barlow, Meaghan, Wrosch, Carsten; Concordia University; Sabiston, Catherine, University of Toronto

10:30 **Identity, motivation, and physical activity participation in former college athletes**

Reifsteck, Erin J., Gill, Diane L.; University of North Carolina–Greensboro

10:45 **Do sedentary behaviour and physical activity moderate the association between body-related stress and post-traumatic growth among post-treatment breast cancer survivors?**

Fong, Angela J., University of Toronto; McDonough, Meghan H., Purdue University; Sabiston, Catherine M., University of Toronto

11:00 **Understanding how basic needs satisfaction influences the life skill transfer of former high school athletes**

Kendellen, Kelsey; Camiré, Martin; University of Ottawa

11:15 **Relationship status and mental and physical functioning in a targeted sample of former professional football athletes**

DeFreese, J.D.; Cox, Leah M.; Guskiewicz, Kevin M.; University of North Carolina–Chapel Hill

11:45 – 12:45 Lunch on your own

12:45 – 1:30 EARLY CAREER DISTINGUISHED SCHOLAR LECTURE

ROOM: MARQUETTE I

The Reemergence of Exploratory Factor Analysis in Sport, Exercise, and Performance Psychology

Nicholas D. Myers, University of Miami

1:45 – 2:45 KEYNOTE: Sport & Exercise Psychology

ROOM: MARQUETTE I

The Reemergence of Hedonism in Postcognitivist Exercise Psychology: Preparing for the Field's First Veritable Paradigmatic Transition

Panteleimon Ekkekakis, Iowa State University

2:45 – 3:00 Refreshment Break

3:00 – 4:45 OPENING CEREMONIES

ROOM: MARQUETTE I

HK LECTURE: **Toward a Physics of Human Movement**

Mark Latash, Penn State University

Distinguished Scholar Award Presentation

4:45 – 6:15 Poster Session #1 (Please refer to Posters file to see complete list)

ROOM: LOBBY

CASH BAR & SNACKS

Please set up posters by 12 pm on Thursday. If you have an odd number poster, please stand beside it from 4:45-5:15 pm. If you have an even number poster, please stand beside it from 5:15-6:15 pm.

1. Developmental Perspectives: “Developmental Motor Performance and Proficiency” (Presider: Casey Breslin, Temple University) – Posters 1 to 14
2. Motor Control and Learning: “Beyond Soccer: The Advancements in Motor Learning and Control in Brazil” (Presider: Howard Zelaznik, Purdue University) – Posters 15 to 41

3. Sport and Exercise Psychology: “Psychological Process in Sport” (Presider: Diane Mack, Brock University, Canada) – Posters 42 to 69

6:15 – 7:30 Dinner on Your Own

Friday, June 13

7:00 – 8:15 am JSEP Breakfast with Human Kinetics

Room: Directors Row 2, 3rd Floor

8:15 am – 9:45 am CONCURRENT SESSIONS

Developmental Perspectives: Symposium – The Development of a Scale to Assess Young Children’s Perceptions of Movement Skills

Room: MARQUETTE I

Moderator: Dale Ulrich (University of Michigan, USA)

Symposium Introduction

Robinson, Leah E.; Auburn University

Reliability of a pictorial instrument for assessing fundamental movement skill perceived competence in young children

Barnett, Lisa M.; Ridgers, Nicky D.; Deakin University; Avigdor, Zask, Northern New South Wales Local Health District; Salmon, Jo, Deakin University

Reliability of the Perceived Movement Skill Competence Scale for Young Children in an American sample

Robinson, Leah E.; Dennis, Abigail L.; Auburn University; Webster, Elizabeth K., University of Michigan; Barnett, Lisa M., Deakin University

Reliability of the Perceived Movement Skill Competence Scale for Young Children in an Australian sample

Barnett, Lisa M.; Ridgers, Nicky D.; Deakin University; Robinson, Leah E., Auburn University

Young children’s actual and perceived competence: Country and cultural comparison

Webster, Elizabeth K., University of Michigan; Liong, Grace, Deakin University; Robinson, Leah E., Auburn University; Ridgers, Nicky D., Deakin University; Dennis, Abigail L., Auburn University; Barnett, Lisa M., Deakin University

Motor Control and Learning Verbal Presentations – Factors Influencing Goal-Directed Movement

Room: MARQUETTE IV

Moderator: Quincy Almeida (Wilfrid Laurier University, Canada)

- 8:15 **Emotion regulation strategies influence memory guided, goal directed motor actions following short duration exposure to emotional stimuli**
Beatty, Garrett F.; Fawver, Bradley; Janelle, Christopher M.; University of Florida
- 8:30 **Influence of presenting continuous results on competition task**
Kamei, Mio; Sakuma, Haruo; Ritsumeikan University
- 8:45 **Somatic anxiety and skill level: The effects on skilled performance**
Diekfuss, Jed A., University of North Carolina–Greensboro; Ward, Paul, University of Greenwich; Raisbeck, Louisa D., University of North Carolina–Greensboro
- 9:00 **Cognitive perceptions of stressful complex motor tasks**
Diekfuss, Jed A., Raisbeck, Louisa D.; University of North Carolina–Greensboro
- 9:15 **Understanding the role of anxiety on movement in Parkinson’s disease**
Ehgoetz Martens, Kaylena A.; Ellard, Colin G.; University of Waterloo; Almeida, Quincy J., Wilfrid Laurier University

Sport and Exercise Psychology Verbal Presentations – Psychosocial Outcomes in Youth Sport

Room: MARQUETTE VI

Moderator: Sarah Ulrich French, Washington State University

- 8:15 **“Getting connected”: High school physical education teacher behaviors that facilitate students’ perceived relatedness support**
Sparks, Cassandra; Dimmock, James; Whipp, Peter; University of Western Australia; Lonsdale, Chris, University of Western Sydney; Jackson, Ben, University of Western Australia
- 8:30 **The effect of a self-determination theory based intervention on social relationships and psychological outcomes in a youth physical activity program**
McDavid, Lindley; McDonough, Meghan H.; Blankenship, Bonnie T.; Purdue University
- 8:45 **The effect of social network on sport-confidence and goal orientation in youth sport**
Hwang, Seunghyun; National Collegiate Athletic Association
- 9:00 **Prompting physical activity in preschool-aged children: The role of parental social control**
Wilson, Kathleen S.; Rigsby, Vanessa; Albin, Carly; California State University–Fullerton
- 9:15 **Working hard or hardly working at sport camps: Examining the effects of others**
Crozier, Alyson J., Spink, Kevin S., University of Saskatchewan

Sport and Exercise Psychology Verbal Presentations – Cognition and Physical Activity

Room: SYMPHONY

Moderator: Spyridoula Vazou, Iowa State University

- 8:15 **Dose-response relationship between exercise duration and cognition**
Wang, Yi-Chun C.; Chang, Yu-Kai K.; Wang, Chun-Chih C.; Chu, Chien-Heng H.; National Taiwan Sport University
- 8:30 **Cognitive performance after acute exercise by children with and without ADHD**
Shih, Chia-Hao; Etnier, Jennifer L.; Catellano, Michael A.; Williams, Lauren M.; Piepmeier, Aaron T.; Park, Se Yun; Henning, David A.; Davis, Matthew E.; Calkins, Susan D.; University of North Carolina–Greensboro
- 8:45 **Cognitive performance during acute cycling: Neuroelectric and dose-response effects**
Olson, Ryan L.; Kwok, Andrea N.; Gordon, Valentina; Alderman, Brandon L.; Rutgers University
- 9:00 **Acute effects of a physical activity bout on cognitive function in adults**
Lebeau, Jean-Charles, Florida State University; Razon, Selen; Akpan, Akanimo D.; Ball State University; Foster, Brian J.; Tenenbaum, Gershon; Florida State University
- 9:15 **Lifestyle stability affects cognitive status in older nuns/monks, master athletes and inactive adults**
Schott, Nadja M.; Krull, Katja; University of Stuttgart
- 9:45 – 10:00 am Refreshment Break
- 10:00 – 11:15 CONCURRENT SESSIONS

Sport and Exercise Psychology: Symposium – Got my mind set on you: Examining the efficacy of distractive stimuli in the exercise context

Room: MARQUETTE I

Moderator: Costas Karageorghis, Brunel University

Symposium Introduction

Karageorghis, Costas I.; Brunel University

How does dissociation enhance affective responses to exercise? Insights from prefrontal hemodynamics

Ekkekakis, Panteleimon; Iowa State University

Did video kill the radio star? Psychological effects of music and music-video in treadmill running

Hutchinson, Jasmin C., Springfield College; Karageorghis, Costas I.; Jones, Leighton; Brunel University

Effects of associative and dissociative imagery on perceptual and physiological indicators

Razon, Selen; Ball State University; Basevitch, Itay; Florida State University; Filho, Edson; University of Chieti-Pescara; Tenenbaum, Gershon; Florida State University

Music hath charms to soothe a savage workout: psychological and psychophysiological effects of recuperative music

Karageorghis, Costas I.; Stevens, Rebecca C.; Brunel University; Hamer, Mark; University College London; Bruce, Andrew C.; Pottratz, Suzanne T.; Brunel University

Motor Control and Learning Verbal Presentations – Motor applications to sport & physical activity

Room: MARQUETTE IV

Moderator: Quincy Almeida (Wilfrid Laurier University, Canada)

10:00 **Handedness effects in skilled and novice players' visual anticipation of the type of attack in volleyball**

Loffing, Florian, Hagemann, Norbert, University of Kassel; Schorer, Jörg, University of Oldenburg; Baker, Joseph, York University

10:15 **Honesty may not be the best policy; A focus of attention study**

Porter, Jared M., Southern Illinois University–Carbondale; Wu, Will F., California State University–Long Beach; Marchant, David C., Edge Hill University; Brumley, Shailey L., Southern Illinois University

10:30 **Effects of 4-week agility training on foot speed and sport-specific agility in female collegiate tennis players: A pilot study**

Li, Yuhua; Collins, Courtney; Bell, Shane T.; Paquette, Max R.; Yli-Piipari, Sami; University of Memphis

10:45 **An investigation of motor asymmetry on choice step reaction time between athletes and non-athletes**

Zhang, Jian, Shanghai University of Sport; Li, Yuhua, University of Memphis

11:00 **From the laboratory to the real world: utilizing an external focus of attention with elite high jumpers to enhance running posture**

Wu, Will F.; Becker, James; California State University–Long Beach

Motor Control and Learning Verbal Presentations – Movement Planning

Room: MARQUETTE VI

Moderator: William Berg (University of Miami, USA)

10:00 **The influence of different response types on movement correction during a coincidence timing task**

Nakamoto, Hiroki; Ikudome, Sachi; Yotani, Kengo; Unenaka, Satoshi; Mori, Shiro; National Institute of Fitness & Sports in Kanoya

- 10:15 **Emotion modulation of motor response speed: A meta-analytic review of theoretical postulates**
Beatty, Garrett F.; Cranley, Nicole M.; Carnaby, Giselle; Janelle, Christopher M.; University of Florida
- 10:30 **The relationship between actual motor competence, perceived motor competence and motivation towards PE among 8th grade children**
De Meester, An; Cardon, Greet; Maes, Jolien; Ghent University; Goodway, Jacqueline, Ohio State University; Haerens, Leen, Ghent University
- 10:45 **Association between the catechol o-methyltransferase (COMT) val158MET polymorphism and manual aiming control in healthy subjects**
Lage, Guilherme M., FUMEC University; Miranda, Débora M.; Romano-Silva, Marco A.; Campos, Simone B.; Corrêa, Humberto M.; Malloy-Diniz, Leandro F.; Universidade Federal de Minas Gerais
- 11:00 **The differential effect of the perceived index of difficulty on the movement outcomes of discrete and continuous tapping**
Alphonsa, Sushma, Utah State University; Benham-Deal, Tami; Dai, Boyi; Zhu, Qin Arthur; University of Wyoming

Developmental Perspectives Verbal Presentations – Atypical motor development

Room: SYMPHONY

Moderator: Eva D'Hondt (Ghent University, Belgium)

- 10:00 **Relationship between motor skill competency and executive function in children with Down syndrome**
Schott, Nadja M.; Holfelder, Benjamin; University of Stuttgart
- 10:15 **Indifference to chaotic motion may relate to social disinterest in children with autism**
Haworth, Joshua; Kyvelidou, Anastasia; University of Nebraska–Omaha; Fisher, Wayne, University of Nebraska Medical Center; Stergiou, Nicholas, University of Nebraska–Omaha
- 10:30 **Determinants of gross motor skill performance in children with visual impairments**
Haibach, Pamela S., SUNY–Brockport; Wagner, Matthias, Universität Konstanz
- 10:45 **Effects of multifrequency bimanual movements and force control across the life span**
Panzer, Stephan; Vieluf, Solveig; Aschersleben, Gisa; Saarland University; Kennedy, Deanna; Shea, Charles H.; Texas A & M University

11:00 A comparison of the performance in a tracking task between obese and healthy-weight children

Gentier, Ilse, D'Hondt, Eva, Augustijn, Mireille, Ghent University; Tanghe, Ann, Zeepreventorium VZW; De Bourdeaudhuij, Ilse, Ghent University; Deforche, Benedicte, Vrije Universiteit Brussel; Lenoir, Matthieu, Ghent University

11:30 – 12:30 KEYNOTE: Developmental Perspectives

ROOM: MARQUETTE I

The Development of the Use of Visual Information for Actions

Geert J.P. Savelsbergh, University of Amsterdam, Netherlands

12:30 – 1:00 Break

1:00 – 3:00 BUSINESS MEETING – BOX LUNCH SERVED – Bring your ticket

ROOM: MARQUETTE I

Business, Awards, and Recognitions

3:00 – 3:15 Break

3:15 – 4:45 Senior Lecturer Presentations

ROOM: MARQUETTE I

Changing Our View of Motor Learners: From information processors to human beings

Gabriele Wulf, University of Nevada, Las Vegas

Proprioception and motor control across the life span

Juergen Konczak, University of Minnesota

Research. . . How fun is that! Interesting questions relative to the effects of exercise on cognitive performance

Jennifer Etnier, University of North Carolina at Greensboro

4:45 – 6:15 Poster Session #2 – CASH BAR

(Please refer to Posters file to see complete list)

ROOM: LOBBY

Please set up posters by 12 pm on Friday. If you have an odd number poster, please stand beside it from 4:45-5:30 pm. If you have an even number poster, please stand beside it from 5:30-6:15 pm.

1. Developmental Perspectives: “Interventional Development” (Presider: Marcio Oliveira, University of Maryland) -- Posters 1 to 15
2. Motor Control and Learning: “Sensorimotor Control” (Presider: Arend Van Gemmert, Louisiana State University) – Posters 16 to 41

3. Sport and Exercise Psychology: “Understanding Psychological Outcomes in Exercise and Physical Activity” (Presider: Kathleen Wilson, California State University–Fullerton) – Posters 42 to 68

6:30 – 7pm Student Meeting

ROOM: SYMPHONY

- Discussion of student issues and important deadlines

8pm Student Social at “The Local” (931 Nicollet Mall, Minneapolis, MN 55402)

- Meet in the hotel lobby at 7:45pm if you want to walk to the pub as a group
- You must have signed-up in advance for this event – please bring your student social ticket with you!

Saturday, June 14

7:00 am – 8:15 am Area Program Chair Breakfast Meeting

Room: Conrad B, 2nd Floor

7:00 am – 8:15 am JMLD Breakfast with Human Kinetics

Room: Conrad A, 2nd Floor

8:15 – 9:30 CONCURRENT SESSIONS

Developmental Perspectives Verbal Presentations – Motor Competency in Typically Developing Children

Room: MARQUETTE I

Moderator: Jaqueline Goodway (Ohio State University, USA)

8:15 Using Rasch measurement to model a physical ability scale for German six- to nine-year-old students

Utesch, Till, Strauss, Bernd, Dreiskaemper, Dennis, Tietjens, Maike; University of Muenster; Naul, Roland; Willibald Gebhardt Institute

8:30 SKIPing to an Active Future: Training Preschool Teachers to Promote FMS

Brian, Ali; Goodway, Jacqueline D.; Tsuda, Emi; Famelia, Ruri; Ohio State University

8:45 Physical education teachers fundamental movement skill training influences their assessment practices

Lander, Natalie; Brown, Helen; Deakin University; Telford, Amanda, RMIT University; Barnett, Lisa M., Deakin University

9:00 **The effectiveness of Multimove: a fundamental motor skill intervention for typically developing young children**

Bardid, Farid, Ghent University; Huyben, Floris, Vrije Universiteit Brussel; Deconinck, Frederik J.A., Ghent University; De Martelaer, Kristine, Vrije Universiteit Brussel; Seghers, Jan, KU Leuven; Lenoir, Matthieu, Ghent University

9:15 **Motor competence assessment in young children: Convergent validity between the KTK and MOT 4-6 test batteries**

Bardid, Farid, Ghent University; Huyben, Floris, De Martelaer, Kristine; Vrije Universiteit Brussel; Seghers, Jan, KU Leuven; Lenoir, Matthieu, Ghent University

Motor Control and Learning Verbal Presentations – Motor control applications & rehabilitation

Room: MARQUETTE IV

Moderator: Priscila Cacola, (University of Texas at Arlington)

8:15 **Enhancement of residual limb proprioception and rehabilitation training methods with a vibrotactile device**

Ho, Rachel; Wu, Will; California State University–Long Beach; Ruhe, Brian; California State University–Dominguez Hills; Craig, Dana; VA Long Beach Healthcare System; Marayong, Panadda; Khoo, I-Hung; Givens, Daniel; California State University–Long Beach

8:30 **Exploratory movement as a general process for affordance perception**

Yu, Yawen, Temple University; Hemingway, Lauren, University of Minnesota; Bardy, Benoit, Montpellier-1 University; Stoffregen, Thomas A., University of Minnesota

8:45 **Does PD SAFEx enhance processing of proprioception for improved balance control in PD?**

Lefavre, Shannon C., Almeida, Quincy J.; Wilfrid Laurier University

9:00 **Facilitative effects of self-controlled learning are eliminated under deprived visual feedback conditions**

Fawver, Bradley J., University of Florida; Kim, Jingu, Kyungpook National University; Janelle, Christopher M., University of Florida

9:15 **The effects of attentional focus instructions on vertical jump height under visual and non-visual conditions**

Abdollahipour, Reza; Psotta, Rudolf; Palomo Nieto, Miriam; Palacky University in Olomouc

Sport and Exercise Psychology Verbal Presentations – Sport Psychology

Room: MARQUETTE VI

Moderator: Meghan McDonough, Purdue University

8:15 **Perceived influence of self-talk and imagery techniques on emotions of non elite athletes in Nigeria**

Adegbesan, Olufemi Adegbola, University of Ibadan; Mohammed, Sanusi, Nigeria Football Federation; Uzoma, Christian, University of Ibadan

8:30 **“Choices” and “Voices” can promote adaptive goal striving in athletes: A self-determination theory perspective on coach behavior, goal motivation and well-being**

Healy, Laura; Ntoumanis, Nikos; Veldhuijzen van Zanten, Jet J.C.S.; University of Birmingham; Paine, Nicola J., Duke University

8:45 **Examining psychological literacy through the long term athlete development model (LTAD): Preliminary findings on parental roles and influence**

Kamal, Adlul; Strachan, Leisha; University of Manitoba; Leslie-Toogood, Adrienne, Canadian Sport Centre Manitoba; Nelson, Kendra; Penelton, Stephanie; Kristjanson, Kevin; University of Manitoba

9:00 **Gaining an understanding of the psychosocial context of coached competitive Masters swim programs from the lived experiences of athletes**

Rathwell, Scott, University of Ottawa; Callary, Bettina, Cape Breton University; Young, Bradley W., University of Ottawa

9:15 **Soccer coaches’ expectations, goals and tactical decisions in home and away games**

Staufenbiel, Kathrin, Utesch, Till, University of Münster; Lobinger, Babett, German Sport University Cologne; Strauss, Bernd, University of Münster

Sport and Exercise Psychology Verbal Presentations – Stable characteristics and physical activity

Room: SYMPHONY

Moderator: Katie Gunnell, University of Ottawa, Canada

8:15 **Stability and change of personality characteristics in youth soccer**

Feichtinger, Philip, Höner, Oliver; University of Tübingen

8:30 **Habit in exercise phases: Assessing automaticity in exercise preparation and performance**

Kaushal, Navin; Rhodes, Ryan E.; University of Victoria

8:45 **Perfectionism and passion within intercollegiate sport: A person-oriented approach**

Gotwals, John K.; Lakehead University

9:00 **A deeper investigation of exercise habits: Automaticity antecedents and the action control framework**

Kaushal, Navin; Rhodes, Ryan E.; University of Victoria

9:15 **Creating robust attitudes toward physical activity: Investigating mechanisms of attitudinal inoculation**

Clear, Sarah E.; Jackson, Ben; Dimmock, James A.; University of Western Australia

9:45 – 10:00 Refreshment Break

10:00 – 11:00 KEYNOTE: Motor Learning and Control

ROOM: MARQUETTE I

Understanding Motor Control: Insights From Virtual Reality and Parkinson's Disease

Simon J. G. Lewis, University of Sydney and Royal Prince Alfred Hospital, Australia

11:15 – 12:45 CONCURRENT SESSIONS

Sport and Exercise Psychology/Developmental Perspectives: Symposium – Cogito ergo sum or ambulo ergo sum? New perspectives in developmental exercise and cognition research

Room: MARQUETTE I

Moderator: Caterina Pesce, Italian University Sport and Movement

Discussant: Phillip Tomporowski, University of Georgia

Symposium Introduction

Pesce, Caterina; Italian University Sport and Movement

Information processing and motor control and learning in individuals with cognitive impairments

Croce, Ron, University of New Hampshire; Horvat, Michael, University of Georgia

Physical fitness, sport skills and executive function in youths: A moderated prediction model

Forte, Roberta, Marchetti, Rosalba; Italian University Sport and Movement; Tomporowski, Phillip, University of Georgia; Pesce, Caterina, Italian University Sport and Movement

Neuroplasticity following cognitive-motor training: A multidimensional perspective

Dotan Ben-Soussan, Tal; Glicksohn, Joseph; Bar-Ilan University; Carducci, Filippo, Sapienza University

Capitalizing on the cognitive “side effects” of movement to design quality physical activity for children

Pesce, Caterina; Marchetti, Rosalba; Italian University Sport and Movement

Motor Control and Learning Verbal Presentations – Interlimb coordination & limb transfer

Room: MARQUETTE IV

Moderator: Priscila Cacola, (University of Texas at Arlington)

11:15 Effects of attention and movement frequency on relative phase performance in interpersonal coordination

Hessler, Eric E.; University of Minnesota–Duluth

11:30 The effects of homologous and non-homologous muscle activation on neural crosstalk

Kennedy, Deanna M.; Wang, Chaoyi; Texas A&M University; Boyle, Jason B., University of Texas; Shea, Charles H., Texas A&M University

11:45 The limit of effector independence: Transfer of a motor skill does not occur when a two-step transformation is required

Aiken, Christopher A.; Pan, Zhujun; Van Gemmert, Arend W.A.; Louisiana State University

12:00 Bimanual and unimanual movement sequences: The role of element difficulty

Wang, Chaoyi; Kennedy, Deanna M.; Boyle, Jason B.; Shea, Charles H.; Texas A&M University

12:15 Learning and exploration during the reorganization of finger coordination patterns

Ranganathan, Rajiv, Michigan State University; Gothuey, Florian, Rehabilitation Institute of Chicago

Sport and Exercise Psychology Verbal Presentations – Stress, Coping, and Injury

Room: MARQUETTE VI

Moderator: Jennifer Brunet, University of Ottawa, Canada

11:15 Proactive coping, mental skills, and performance in collegiate baseball and softball athletes

Klein, Tyler G., Florida State University

11:30 Life Stress: A psychological predictor of injury in marathon training?

Russell, Hayley C.; Rhodes, Greg; Lundstrom, Christopher; Wiese-Bjornstal, Diane M.; Ingraham, Stacy; University of Minnesota

11:45 Source of stress of collegiate student-athletes

Hwang, Seunghyun; National Collegiate Athletic Association

12:00 Mental toughness, coping and injury among roller derby skaters

Madrigal, Leilani; Gill, Diane L.; University of North Carolina–Greensboro

12:15 Investigating the use of Project SCORE! in a summer sport camp context

Strachan, Leisha; Hobday, Kayla; University of Manitoba; MacDonald, Dany J.;
University of Prince Edward Island; Cote, Jean; Queen's University

Developmental Perspectives Verbal Presentations – Mechanical Aspects of Motor Development

Room: SYMPHONY

Moderator: Thomas Korff (Brunel University, United Kingdom)

11:15 Impact of attention on balance control and postural adaptations of children with and without Developmental Coordination Disorder

Trapp, Jodi, University of Toronto; Przysucha, Eryk, Zerpa, Carlos; Lakehead University

11:30 Frequency domain analysis of ground reaction force in preadolescents with and without Down syndrome

Wu, Jianhua; Beerse, Matthew J.; Ajisafe, Toyin D.; Georgia State University

11:45 Does long-term passive stretching alter muscle-tendon unit mechanics and gait in children with spastic cerebral palsy?

Theis, Nicola; Korff, Thomas; Mohagheghi, Amir; Brunel University

12:00 Effect of external ankle load on ground reaction force in children and young adults

Wu, Jianhua; Ajisafe, Toyin D.; Beerse, Matthew J.; Georgia State University

12:15 Child-adult differences in the control of the body forward momentum with practice

Cesar, Guilherme M.; Lewthwaite, Rebecca; Joutras, Dawn M.; Parvez, Alia H.;
Gow, Irene N.; Sigward, Susan M.; University of Southern California

12:45 – 2:00 Lunch on Own

Student-Faculty Event (Pre-Registration Required)

Room: Conrad A, 2nd Floor

2:00 – 3:15 CONCURRENT SESSIONS

Developmental Perspectives: Symposium – Atypical motor development: Issues in children with developmental coordination disorder

Room: MARQUETTE I

Moderator: Mike Wade, University of Minnesota

Discussant: Thomas A. Stoffregen, University of Minnesota

Symposium Overview

Wade, Mike G.; University of Minnesota

Navigating the environment in individuals with and without development coordination disorder: Can I walk through that gap?

Barnett, Anna L.; Wilmut, Kate; Oxford Brookes University

Handwriting difficulties and their consequences in children with DCD

Henderson, Sheila; Webb, Angela; Stuart, Morag; University of London

Variability as a marker of atypical motor development

Wade, Mike G., University of Minnesota; Fu-Chen, Chen, Pingtung University

Motor Control and Learning Verbal Presentations – Brain-behavior relationships

Room: MARQUETTE IV

Moderator: Nadja Schott (University of Stuttgart, Germany)

2:00 Differences in brain activation by visual and auditory timing information during anticipation of action effects

Bischoff, Matthias; Zentgraf, Karen; University of Muenster; Pilgramm, Sebastian; Stark, Rudolf; Krüger, Britta; Munzert, Jörn; University of Giessen

2:15 Learning from errors: An EEG study

Boutin, Arnaud; Leibniz-Institut für Arbeitsforschung an der TU Dortmund; Proteau, Luc; Ellemberg, Dave; Andrieux, Mathieu; Université de Montréal; Blandin, Yannick; Université de Poitiers—CeRCA

2:30 Lifespan changes in dual-task-costs: simultaneous walking and cognitive flexibility (Trail Walking Test) in children, young, and older adults

Schott, Nadja M.; Klotzbier, Thomas; University of Stuttgart

2:45 Crossmodal interactions in discrete bimanual movements

Kagerer, Florian A.; Michigan State University

3:00 Are cognitive processes mediated by the frontal lobes affected by Parkinson's disease?

Silveira, Carolina R.A.; University of Waterloo; Gillingham, Susan M.; Stuss, Donald T.; Rotman Research Institute—Baycrest; Roy, Eric A.; University of Waterloo; Almeida, Quincy J.; Wilfrid Laurier University

Sport and Exercise Psychology Verbal Presentations – Promoting Physical Activity

Room: MARQUETTE VI

Moderator: Les Podlog, University of Utah

2:00 Improving exercise adherence in people with type 2 diabetes and prediabetes using self-monitoring strategies: A feasibility study

Bailey, Kaitlyn J.; Jung, Mary E.; University of British Columbia

- 2:15 **The Physical Activity and Alzheimer's disease (PAAD) Study: Feasibility of recruiting persons with a family history of Alzheimer's disease for an 8-month physical activity intervention**
Piepmeier, Aaron T.; Shih, Chia-Hao; Karper, William B.; Castellano, Michael A.; Williams, Lauren M.; Park, Se yun; Wideman, Laurie; Labban, Jeff D.; Dudley, William N.; Etnier, Jennifer L.; University of North Carolina–Greensboro
- 2:30 **Social support, physical challenge, and psychological growth in a group physical activity program for people with Parkinson's disease**
Sheehy, Tammy L., McDonough, Meghan H., Purdue University; Zauber, S. Elizabeth., Indiana University School of Medicine
- 2:45 **Competition level-differences in theory-based predictors of sport among parasport athletes with mobility impairments**
Stapleton, Jessie N.; Martin Ginis, Kathleen A.; McMaster University
- 3:00 **Franklin Henry Young Scientist Award (SCAPPS): The role of interpersonal communication in the process of knowledge mobilization within a community-based organization: A network analysis**
Gainforth, Heather, L., Queen's University; Latimer-Cheung, Amy E., Queen's University; Athanasopoulos, Peter, Spinal Cord Injury Ontario; Moore, Spencer, Queen's University; Ginis, Kathleen Martin, McMaster University

Sport and Exercise Psychology Verbal Presentations – Motivation and Physical Activity

Room: SYMPHONY

Moderator: Windee Weiss, University of Northern Iowa

- 2:00 **The role of authentic and hubristic pride in motivating physical activity behaviors**
Gilchrist, Jenna D., University of Toronto; Mack, Diane E., Wilson, Philip M., Brock University; Sabiston, Catherine M., University of Toronto
- 2:15 **Verbal presentation abstract: Self-presentation motives in group-based physical activity**
Howle, Timothy C.; Dimmock, James A.; Whipp, Peter R.; Jackson, Ben; University of Western Australia
- 2:30 **Characterizing women's physical activity behavior after treatment for breast cancer: Associations with motivational regulations**
Brunet, Jennifer, University of Ottawa; Sabiston, Catherine M., University of Toronto
- 2:45 **Cyber buddy is better than no buddy: A test of the Koehler motivation effect in exergames**
Forlenza, Samuel T., Feltz, Deborah L., Winn, Brian; Michigan State University; Kerr, Norbert L., Michigan State University, University of Kent

3:00 Exergames, koehler effect, & obesity: Partner characteristics as a moderator of exercise motivation

Samendinger, Stephen; Beckles, Joelle; Forlenza, Samuel; Feltz, Deborah;
Michigan State University

3:30 – 5:00 Poster Session #3 – CASH BAR

(Please refer to Posters file to see complete list)

ROOM: LOBBY

Please set up posters by 12 pm on Saturday. If you have an odd number poster, please stand beside it 3:30-4:15 pm. If you have an even number poster, please stand beside it from 4:15-5:00 pm.

1. Developmental Perspectives: “Neuro-Mechanical Aspects of Motor Development” (Presider: Thomas Korff, Brunel University London, UK) – Posters 1 to 12
2. Motor Control and Learning: “Attention and Motor/Sport/Rehabilitation Applications” (Presider: Shannon Ringenbach) – Posters 13 to 38
3. Sport and Exercise Psychology: “Physical Activity in Children and Youth” (Presider: Jennifer Brunet, University of Ottawa, Ca) – Posters 39 to 62

5:30 pm Meet in Lobby to walk to Target Field Baseball Stadium for the Banquet and Dance

6:00 pm Cocktails

7:00 pm Banquet and Dance

Note: The Minnesota High School Baseball Finals are at Target Field!

Sunday, June 15

**8:30 am – 10:30 am Executive Meeting (Exec Board Old and New)
Room 2320**