North American Society for the Psychology of Sport and Physical Activity
Conference Program
Burlington, Vermont
June 9–11, 2011

Wednesday, June 8
12:00 pm – 5:00 pm Executive Committee Meeting
(Burlington Conference Room)

Thursday, June 9
7:30 am – 12:00 pm Executive Committee Meeting
(Burlington Conference Room)
9:00 am – 7:00 pm Conference Registration

1:30 pm – 3:00 pm CONCURRENT SESSIONS

1:30 pm – 3:00 pm Motor Learning and Control Verbal Presentations Session 1
(Room: Adirondack A)
Title: Observation and priming during motor learning (Moderator: TBA)
1:30  Stephen Panzer, Institute of Sport Science, Charles H. Shea, Texas A & M University, Arnoud Boutin, & Yannick Blandin, University of Poitiers.
Scheduling observational practice and physical practice.
1:45  Hassan Rohbanfard, & Luc Proteau, Université de Montréal.
Live vs. video presentation techniques in observational learning.
2:00  Arnaud Boutin, University of Poitiers, & Stefan Panzer, Muenster University.
Off-line learning and coding: Role of observation and physical practice.
2:15  Beverley Larssen, Nicole T. Ong, & Nicola J. Hodges, University of British Columbia.
Benefits of observational practice for readaptation.
2:30  Kelly A. Vertes, Amanda M. Rymal, University of Ottawa, Barbi D. Law, University of Nipissing, & Diane M. Ste-Marie, University of Ottawa.
Children’s self-control over video-based self-observation.
2:45  Helen Ng, Kinga L. Eliasz, & Timothy D. Lee, McMaster University.
Effects of perceptual- and motor-priming congruency on sequence learning.
1:30 pm – 3:00 pm  Motor Learning and Control Verbal Presentations Session 2
(Room: Adirondack B/C)

Title: Posture and gait (Moderator: TBA)
1:30  Ronald J. Benedict & Qin Lai, Wayne State University.
Effects of age and BMI on dynamic balance acquisition.
1:45  Adam C. King, Pennsylvania State University, Aileen Costigan, Cornell University, John H. Challis, Cynthia J. Bartok, & Karl M. Newell, Pennsylvania State University.
Obesity mediates strength and physical parameters factors of postural control.
2:00  Brandon Rigby, Brian A. Garner, & Carolyn P. Skurla, Baylor University.
Comparing the pelvis kinematics of able-bodied children during normal gait and when riding a therapeutic horse.
2:15  Haseel Bhatt, Quincy J. Almeida, & Frederico Pieruccini-Faria, Wilfrid Laurier University.
A dynamic influence of turning angles on freezing of gait in Parkinson’s disease.
2:30  Patti Prejean, Zhujun Pan, Jennifer Harrison, Arend W. A. Van Gemmert, Li Li, & Jan M. Hondzinski, Louisiana State University.
Potential benefits of long-term limited Tai Chi training for Parkinson’s patients.
2:45  Jessie M. Huisinga, Oregon Health and Science University, Mary L. Filipi, University of Nebraska Medical Center, Ryan Hasenkamp, Jeff P. Kaipust, & Nicholas Stergiou, University of Nebraska at Omaha.
Effects of exercise on gait outcomes in patients with Multiple Sclerosis.

1:30 pm – 3:00 pm  Sport & Exercise Psychology Symposium 1
(Room: Adirondack D)

Title: Perceived exertion/pain and attention allocation in healthy subjects and chronic pain patients (Moderator: TBA)

Jasmine Hutchinson, Springfield College.
Associative-disassociative attention focus during a progressive running task.

Itay Basevitch, Brooke Thompson, Robyn Braun, Selen Razon, Guler Arsal, Umit Tokac, Edson Medeiros Filho, Tanya Nascimento, & Gershon Tenenbaum, Florida State University.
Odors effects on attention, perceived exertion and task adherence.

Selen Razon, Guler Arsal, Tanya Nascimento, Emily Simonavice, Lael Gershgoren, Brittany Loney, Lynn Panton, & Gershon Tenenbaum, Florida State University.
The effects of imagery on exertive pain perceptions, attention allocation, and task adherence in women with Fibromyalgia syndrome (FMS).

Selen Razon, Kyle Mandler, & Gershon Tenenbaum, Florida State University.
Effects of imagery use on perceived exertion, attention-allocation, and task-endurance during a progressive cycling task.
1:30 pm – 3:00 pm  Sport & Exercise Psychology Verbal Presentations Session 1
(Room: Montpellier)

Title: Athlete and environmental predictors of sport performance (Moderator: TBA)
1:30  Sharleene D. Hoar, University of Lethbridge, Damon Burton, University of Idaho, Michael A. Pickering, Embry Riddle, Aeronautical University, Courtney A. Link, University of Lethbridge, Michael B. Evans, Wilfrid Laurier University, & Joshua Hoetmer, University of Lethbridge.

Preliminary validation of a new measurement model of competitive state anxiety.
1:45  Alexandra Pizzera, German Sport University Cologne, Institute of Psychology.

The effect of motor experience on judging in gymnastics.
2:00  Jörg Schorer, University of Münster, & Joe Baker, York University.

Forecasting future national players – Implications of a bounded rationality approach to talent selection research
2:15  David J. Hancock, University of Ottawa, Jason Izraelski, York University, Jörg Schorer, University of Münster, Jessica Fraser-Thomas, York University, Steve Cobley, Metropolitan Leeds University, Patricia Weir, Sean Horton, University of Windsor, & Joe Baker, York University.

No evidence that relative age affects retention in youth ice hockey: A preliminary analysis.
2:30  Desmond A. McEwan, & Kathleen A. Martin Ginis, McMaster University.

With the game on his stick: The home (dis)advantage in NHL shoot outs.
2:45  David J. Hancock, Kelsey Seal, Brad W. Young, & Diane M. Ste-Marie, University of Ottawa.

The existence of relative age effects in youth female Canadian ice hockey players.

3:00 pm – 3:15 pm  Refreshment Break

3:15 pm – 4:45 pm  CONCURRENT SESSIONS

3:15 pm – 4:45 pm  Motor Learning and Control Verbal Presentations Session 3
(Room: Adirondack A)

Title: Motor planning and control I (Moderator: TBA)
3:15  Breanna E. Studenka, Pennsylvania State University, Kinga L. Eliasz, David I. Shore, & Ramesh Balasubramaniam, McMaster University.

Crossing the hands diminishes the bimanual advantage in motor timing.
3:30  Stephan Panser, Institute of Sport Science, Charles H. Shea, Texas A & M University, Thomas Ellenbrger, Jörg Schorer, Münster University.

Hemispheric specialization and representation of movement sequences.
3:45  Jehkwang Ryu, Seonjin Kim, Kevin Seok, Jin Kim, Moo Young Choi, Seoul National University.

Differences in complexity of arm-posture tremor between chronic stroke patients and normal subjects.
4:00  James J. Burkitt, McMaster University, Raoul M. Bongers, University of Groningen, James L. Lyons, Digby Elliott, McMaster University.

Modifications of end-point but not joint angles show optimization in reaching movements with rods.
*Control of wrist and arm movements of varying difficulties.*
4:30  Melanie Krüger, Thomas Eggert, & Andreas Straube, Ludwig-Maximilians-University Munich.  
*Inter-subject differences in the control of movement variability.*

**3:15 pm – 4:45 pm  Sport & Exercise Psychology Symposium 2**  
(Room: Adirondack B/C)  
**Title:** If a picture is worth a thousand words, then is combining observation with imagery worth a million? A symposium on the interaction between observation and imagery processes. (Moderator: TBA)

Jennifer Cumming, & Sarah E. Williams, University of Birmingham.  
*Athletes’ imagery ability predicts their use of observational learning.*

Barbara Law, Nipissing University, Renee Bolkowy, & Amy E. Latimer, Queen’s University.  
*Athletes’ perceptions of rehabilitation outcomes: A comparison of modeling and guided imagery as pre-injury interventions.*

Gavis P. Lawrence, Bangor University.  
*The moderating role of imagery ability in observational learning effectiveness.*

Amanda M. Rymal, & Diane M. Ste-Marie, University of Ottawa.  
*Feed forward self-modeling improves imagery ability and vividness.*

**3:15 pm – 4:45 pm  Sport & Exercise Psychology Verbal Presentations Session 2**  
(Room: Adirondack D)  
**Title:** Body-related social influences, thoughts, and behaviors (Moderator: TBA)

3:15  Natalia Bessette, & Katherine Sabiston, McGill University.  
*The association between negative body-related social influences and physical self-discrepancies.*

3:30  Kelly P. Arbour-Nicitopoulos, Guy E. Faulkner, University of Toronto, & Hyacinth M. Irving, University of Toronto (Centre for Addiction and Mental Health).  
*The association between health-risk behaviors and adolescent mental health.*

3:45  Margaret A. Graupe, & Alan L. Smith, Purdue University.  
*Body-related social pressure, victimization, and impression management in early adolescence.*

4:00  Andree L. Castonguay, Katherine M. Sabiston, McGill University.  
*Are body-related self-conscious emotions associated with physical activity motivation and behavior in men?*

*Exercise outcome expectations of women attempting weight loss.*

4:30  Kathleen Martin Ginis, Desmond McEwan, Andrea R. Josse, & Stuart M. Phillips, McMaster University.  
*Reality check: Body image change is more strongly related to perceived than actual physical fitness improvements.*
3:15 pm – 4:45 pm  Motor Development Symposium
(Room: Montpellier)
Title: Intervention to enhance motor development for posture, mobility, and function
(Moderator: TBA)

James C. Galloway, Christina Ragonesi, Xi Chen, & Sunil Agrawal, University of Delaware.
Social mobility: The science, training, and technology of a new view of pediatric power mobility.

Max Kurz, Tony W. Wilson, Bradley Corr, University of Nebraska Medical Center.
Insights from magnetoencephalography brain imaging on the potential for neuroplasticity in children with Cerebral Palsy.

Max Kurz, Regina T. Harbourne, Bradley Corr, University of Nebraska Medical Center, & Carrie Nemke, Wicab, Inc.
Electrotactile feedback provided on the tongue can be used to improve postural balance in children.

Joshua Haworth, Fabien Cignetti, Elena Kokkoni, University of Nebraska at Omaha, Regina Harbourne, University of Nebraska Medical Center, & Nicholas Stergiou, University of Nebraska at Omaha.
Beneficial effect of perceptual-motor intervention with surface vibrations on postural function of infants with Cerebral Palsy.

4:45 pm – 6:15 pm  POSTER SESSION 1
(Room: Green Mountain Ballroom)

Please set up posters by 1:00 pm Thursday. If you have an even number poster, stand beside it from 4:45 pm – 5:30 pm. If you have an odd number poster, stand beside it from 5:30 pm – 6:15 pm.
Presider: TBA
1. Coaching
2. Experiments
3. Body Image
4. Attention and Visual Search
5. Coordination and Timing
6. Posture and Gait I
7. Motor Learning I
8. Motor Development I

6:15 pm – 7:30 pm  Opening Remarks and Human Kinetics Lecturer
(Room: Adirondack A/B/C/D)
Title: Passion in sport and exercise: Theory and research
Presider: Craig Hall, University of Western Ontario
Speaker: Robert Vallerand, University du Québec at Montréal
7:30 pm – 7:40 pm Sponsors Acknowledgement
(Room: Adirondack A/B/C/D)

7:40 pm Opening Reception
Dinner on your own

Friday, June 10
8:00 am – 12:00 pm Conference Registration

7:00 am – 8:15 am JSEP Editorial Board Meeting
(Burlington Conference Room)

8:15 am – 9:45 am CONCURRENT SESSIONS

8:15 am – 9:45 am Motor Learning and Control Verbal Presentations Session 4
(Room: Adirondack A)
Title: Motor planning and control II (Moderator: TBA)
8:15 John J. Buchanan, & Chaoyi Wang, Texas A & M University.
The accuracy and stability of perception-action gestalts is influenced by the number of motor
degrees of freedom that must be controlled or constrained.
8:30 Christian Seegelke, Charmayne M. Hughes, & Thomas Schack, Bielefeld University.
Shoulder joint flexibility correlates to end-state comfort satisfaction.
8:45 Melanie Krüger, Ludwig-Maximilians-University Munich, Bence Borbély, Pázmány Péter
Catholic University, Thomas Eggert, & Andreas Straube, Ludwig-Maximilians-University
Munich.
Influence of target shape on joint angle variability in reaching movements.
9:00 Cheryl M. Glazebrook, University of Manitoba, Lokman Wong, Alexander Safir, Timothy
N. Welsh, & Luc Tremblay, University of Toronto.
You hear faster than you see, but you can’t hear as accurately as you see.
9:15 Stephen Panzer, Institute of Sport Science University, Muenster, & Charles H. Shea, Texas
A & M University.
Extended practice and control mode.
9:30 Tanja Hohmann, Nadja Schott, University of Stuttgart, Vera Breummer, & Stefan
Schneider, University of Cologne.
Motor imagery during parabolic flights.

8:15 am – 9:45 am Sport & Exercise Psychology Verbal Presentations Session 3
(Room: Adirondack B/C)
Title: Psychological skills use: Prediction, description, and evaluation (Moderator: TBA)
8:15 Shawn E. Davis, & J. Alex Crampton, Pacific University-SPP.
The development and psychometric evaluation of the Athletic Self-Appraisal Scale (ASAS).
8:30 Sharleen D. Hoar, & Courtney A. Link, University of Lethbridge.
Does state-confidence predict aesthetic athletes-functional imagery use?
8:45 Melanie Gregg, Tom Hammond, University of Winnipeg, & Jennifer Mactavish, University of Manitoba.
Assessing mental skills of athletes with intellectual disability.
9:00 Danielle Tobin, University of Western Ontario, Eric J. Nadalin, University of Windsor, Craig R. Hall, University of Western Ontario, Krista J. Munroe-Chandler, University of Windsor.
Age differences in children's use of imagery in leisure time physical activity.
9:15 Lindsay R. Duncan, Yale University, & Craig R. Hall, University of Western Ontario.
A longitudinal examination of imagery use among men and women beginning an exercise program and the impact of a guided imagery intervention on imagery use.
Effects of a season long psychological skills training program in high school cross-country runners.

8:15 am – 9:45 am Sport & Exercise Psychology Verbal Presentations Session 4 (Room: Adirondack D)
Title: Is it all in how you say it? Messaging, motivation and group mediated interventions (Moderator: TBA)
8:15 Rebecca L. Bassett, McMaster University, Amy E. Latimer, Queen’s University, Kathleen A. Martin Ginis, & Brian Richardson, McMaster University.
I spy with my little eye – A persuasive message?
8:30 Casey Gray, Nerissa Campbell, University of Western Ontario, Mary Jung, University of British Columbia, Okanagan, & Harry Prapavessis, University of Western Ontario.
A brief motivational interview increases perceived competence for physical activity in children.
8:45 A. Justine Wilson, University of British Columbia, Casey Gray, University of Western Ontario, Amy Latimer, Queen’s University, Harry Prapavessis, Dalton Wolfe, University of Western Ontario, & Kathleen Martin Ginis, McMaster University.
Effects of physical activity coaching for individuals with SCI: A proof of principle study.
9:00 Jean Lemoyne, University of Québec à Trois Rivières, & Pierre Valois, Université Laval.
Physical education at college: Exploring the behavioural and health outcomes over a two year physical education program.
9:15 Kelly P. Arbour-Nicitopoulos, Kathleen Martin Ginis, McMaster University, & Lawrence R. Brawley, University of Saskatchewan.
RAMP UP: A group-mediated cognitive behavioural feasibility intervention to increase independent physical activity in active individuals with spinal cord injury.
9:30 A. Justine Wilson, University of British Columbia, Mary E. Jung, University of British Columbia, Okanagan, Anita Cramp, Jacqueline Simatovic, Harry Prapavessis, & Cheril L. Clarson, University of Western Ontario.
Psychosocial predictors of obese adolescent physical activity: Findings from the REACH trial.
8:15 am – 9:45 am  Sport & Exercise Psychology Symposium 3  
(Room: Montpellier)  
Title: Development and preliminary validation of the Coaching Success Questionnaire-2  
(Moderator: TBA)  

Eva Gut, Educational Services of America, Andrew Gillham, Augustana College, Damon Burton, University of Idaho, & Sharleen D. Hoar, University of Lethbridge.  
The Coaching Success Questionnaire-2: Practical and conceptual rationale.  

Sharleen D. Hoar, University of Lethbridge, Andrew Gillham, Augustana College, Damon Burton, University of Idaho, & Eva Gut, Educational Services of America.  
Item and subscale development of the CSQ-2.  

Andrew Gillham, Augustana College, Damon Burton, University of Idaho, Eva Gut, Educational Services of America, & Sharleen D. Hoar, University of Lethbridge.  
Preliminary validation of the Coaching Success Questionnaire-2.  

Damon Burton, University of Idaho, Andrew Gillham, Augustana College, Eva Gut, Educational Services of America, & Sharleen D. Hoar, University of Lethbridge.  
CSQ-2: Future directions in research and practice.  

9:45 am – 10:00 am  Refreshment Break  

10:00 am – 11:00 am  Keynote Speaker, Motor Development  
(Room: Adirondack A/B/C/D)  
Title: Brain Plasticity across a lifetime  
Presider: Daniela Corbetta, University of Tennessee, Knoxville  
Speaker: Michael M. Merzenich, University of California at San Francisco  

11:00 am – 11:45 am  Early Career Distinguished Scholar  
(Room: Adirondack A/B/C/D)  
Title: Knowledge translation: A two-way street for innovation  
Presider: Kathleen Martin Ginis, McMaster University  
Speaker: Amy Latimer, Queen’s University  

11:45 am – 12:00 pm  Break  

12:00 pm – 1:20 pm  Business Meeting (box lunch provided)  
(Room: Adirondack A/B/C/D)  

1:20 pm – 1:30 pm  Break
1:30 pm – 2:30 am  Keynote Speaker, Motor Learning and Control  
(Room: Adirondack A/B/C/D)  
Title: Reward, impulsivity, and control of movements  
Presider: Tim Welsh, University of Toronto  
Speaker: Reza Shadmehr, Johns Hopkins School of Medicine

2:30 pm – 2:45 pm  Refreshment Break

2:45 pm – 4:15 pm  Special Symposia

Motor Learning and Control (Room: Adirondack A)  
Title 1: Processing of visual information for perception and action  
Title 2: Challenge point framework  
Presider: Tim Welsh, University of Toronto  
Speakers: 1) Dave Westwood, Matt Heath, & Gord Binsted; 2) Mark Guadagnoli, Tim Lee, & Carolee Winstein

Sport and Exercise Psychology (Room: Adirondack B/C)  
Title: Optimizing the impact of sport and exercise psychology research on practice, policy, and theory  
Presider: Amy Latimer, Queen’s University  
Speakers: Paul Estabrooks, Diane Gill, & Lew Hardy

Motor Development (Room: Adirondack D)  
Title: Advancing motor developmental science: Theory, research, and future challenge  
Presider: Daniela Corbetta, University of Tennessee, Knoxville  
Speakers: Jane Clark, James Galloway, & Beverly Ulrich

4:15 pm – 4:30 pm  Break

4:30 pm – 5:45 pm  CONCURRENT SESSIONS

4:30 pm – 5:45 pm Motor Learning and Control Verbal Presentations Session 5  
(Room: Adirondack A)  
Title: Attentional focus (Moderator: TBA)  
4:30  Arya Alami, University of Tennessee, Knoxville, & Kellie G. Hall, California Polytechnic State University, San Louis Obispo.  
*The effects of changing attentional focus reminder rates on learning to throw darts.*  
4:45  Keith Lohse, Matthew C. Jones, Alice F. Healy, & David E. Sherwood, University of Colorado.  
*Attention as a control parameter in the regulation of human movement.*  
5:00  Linda Schuecker, Wiebke Anheier, University of Muenster, Norbert Hagemann, University of Kassel, Bernd Strauss, University of Muenster, & Klaus Voelker, University Hospital of Muenster.  
*Attentional focus affects running economy at high intensity levels.*
5:15 Joern Munzert, & Mathias Reiser, Justus-Liebig University Giessen.  
Changing the attentional focus in golf putting.

5:30 Linda Schuecker, University of Muenster, Alex Buttfield, Victoria University, Melbourne, Bernd Strauss, University of Muenster, Norbert Hagemann, University of Kassel, & Hanno Focke, University of Muenster.  
The influence of attentional focus on running kinematics and EMG.

4:30 pm – 5:45 pm Motor Development Verbal Presentations Session 1  
(Room: Adirondack B/C)  
Title: Infant and child development (Moderator: Cole Galloway)  
4:30 Laura Claxton, Jeffrey M. Haddad, Joong Huyn Ryu, Katelyn Ponto, & Sean Newcomer, Purdue University.  
Newly standing infants exhibit more complex center of pressure patterns when engaging in a supra-postural task.

4:45 Jennifer K. Sansom, University of Michigan, Caroline Teulier, University of Limerick, & Beverly D. Ulrich, University of Michigan.  
Effect of treadmill stepping on muscular activity across the first year of life in infants with Myelomeningocele.

5:00 Sandra Saavedra, University of Michigan, & Caroline Teulier, University of Limerick.  
Behavioral and step changes in infants with Myelomeningocele due to intermittent vibration.

5:15 Jianhua (Jerry) Wu, Georgia State University, Sandra McKay, Sunnybrook HSC, & Rosa Angulo-Barroso, University of Michigan.  
Effect of tendon vibration perturbation on standing in children.

5:30 Max J. Kurz, & Tony W. Wilson, University of Nebraska Medical Center.  
Children have greater cortical activity than adults for controlling gait.

4:30 pm – 5:45 pm Sport & Exercise Psychology Verbal Presentations Session 5  
(Room: Adirondack D)  
Title: Different strokes for different folks: Insights into exercise related social cognitions, support and behaviors (Moderator: TBA)  
4:30 Brianne L. Foulon, Kathleen A. Martin Ginis, McMaster University, & Amy E. Latimer, Queen’s University.  
Tailored vignettes do not change physical activity social cognitions among people SCI.

Effects of a weight management intervention on locus of control in overweight and obese adults.

5:00 Miriam W. Wood, James Whitehead, Sandra Short, & Martin Short, University of North Dakota.  
Comparing levels of anti-fat bias between American and Mexican athletes and undergraduate physical education and exercise science students.

5:15 Marie-Josee Perrier, & Amy E. Latimer, Queen’s University.  
The right kind of support: Volunteer self-efficacy for providing exercise assistance to individuals with mobility impairments.

5:30 Jocelyn D. Ulvick, & Kevin S. Spink, University of Saskatchewan.  
“You can’t always get what you want”: Exploring the role of social provision preference among university males in the exercise setting.
4:30 pm – 5:45 pm Sport & Exercise Psychology Verbal Presentations Session 6
(Room: Montpellier)
Title: With a little help from my family: Social influences on physical activity (Moderator: TBA)
4:30 Kathleen S. Wilson, California State University, Fullerton, Kevin S. Spink, & Lawrence R. Brawley, University of Saskatchewan.
Affective and behavioral reactions to parental social control following adolescents’ physical activity lapse.
4:45 Erin S. Pearson, Shauna M. Burke, Jennifer D. Irwin, & Sheree Shapiro, University of Western Ontario.
5:00 Melissa G. Alexander, & Robert C. Leather, Montclair State University.
Parents’ perspectives on sport programs for their children with Autism Spectrum Disorder.
5:15 Marius Craciun, & Rus Claudia Lenuta, Babes Bolyai University.
The influence of adolescents’ motivation, physical self-perception and enjoyment on their physical activity.
5:30 Blair Robinson, Carly S. Priebe, & Kevin S. Spink, University of Saskatchewan.
Is it what I say or what others do? Correlates of effort in young athletes: An exploratory study.

5:45 pm – 7:15 pm POSTER SESSION 2
(Room: Green Mountain Ballroom)
Please set up posters by 1:00 pm Friday. If you have an even number poster, stand beside it from 5:45 pm – 6:30 pm. If you have an odd number poster, stand beside it from 6:30 pm – 7:15 pm.
Presider: TBA
1. Psychological Skills
2. Imagery
3. Action Observation and Imagery
4. Motor Planning and Control I
5. Motor Learning II
6. Motor Development II

7:45 pm Student Social (Meet)
Note. Must sign up for the social at registration.

Saturday, June 12
8:00 am – 12:00 pm Conference Registration
7:00 am – 8:15 am Area Program Committees for 2011 and 2012
(Burlington Conference Room)
8:15 am – 9:45 am CONCURRENT SESSIONS

8:15 am – 9:45 am Motor Learning and Control Verbal Presentations Session 6  
(Room: Adirondack A)
Title: Coordination and timing (Moderator: TBA)
8:15 Matthew A. Sacheli, Quincy J. Almeida, Frances Minnema, Wilfrid Laurier University, & Howard N. Zelaznik, Purdue University.
_Dopaminergic influences on amplitude variability during discrete and continuous movements in Parkinson’s disease._
8:30 Daniel M. Russell, Old Dominion University, Joshua L. Haworth, University of Nebraska-Ohama, & Cesar Martinez-Garza, Pennsylvania State University.
_Walking at the resonant stride frequency maximizes local dynamic stability._
8:45 Tyler Cluff, Brian A. Richardson, Rakesh Gudimella, & Ramesh Balasubramaniam, McMaster University.
_Ocular scanning strategies quantified by changing Lévy distributions._
9:00 Brian A. Richardson, Anusha Ratneswaran, James Lyons, & Ramesh Balasubramaniam, McMaster University.
_Periodicity in saccading improves the time-course of online trajectory corrections._
_Synchronizing to a noisy metronome induces corresponding shifts in fractal gait dynamics._
9:30 Charles H. Shea, Texas A & M University, & Attila J. Kovacs, Florida Atlantic University.
_Continuous scanning trials: Assessing the intrinsic coordination dynamics._

8:15 am – 9:45 am Motor Learning and Control Verbal Presentations Session 7  
(Room: Adirondack B/C)
Title: Object-based interactions (Moderator: TBA)
8:15 Charmayne M. Hughes, Christian Seegelke, Paola Reissig, & Thomas Schack, Bielefeld University.
_Grip behavior during a bimanual grasping and placing task is similar regardless of stimulus onset asynchrony._
8:30 Mark G. Fischman, Nia Glaze, Allison Trachy, Michael A. Urbin, & Leah E. Robinson, Auburn University.
_End-state comfort, bimanual coupling and ecological relevance effects revisited._
8:45 Nicole Gruetzmacher, Charmayne M. Hughes, & Thomas Schack, Bielefeld University.
_The influence of cooperative behavior on reciprocal motor actions in an object manipulation task._
9:00 Jason J. Eckerle, Rose Marie Ward, & William Berg, Miami University Ohio.
_The effect of uncertainty about ball weight on anticipatory muscle activity in one-handed catching._
9:15 Nils Balser, Sebastian Pilgramm, Matthias Bischoff, Britta Lorey, University of Giessen, Karen Zentgraf, University of Bern, Rudolf Stark, University of Giessen, Andrew M. Williams, University of Sydney, & Joern Munzert, University of Giessen.
_Expertise influences the neural processes employed during anticipation._
9:30 Qin Zhu, University of Wyoming.
Does string tension make sense to badminton players? – A study on the affordance of string tension.

8:15 am – 9:45 am Sport & Exercise Psychology Verbal Presentations Session 7 (Room: Adirondack D)
Title: New perspectives on Positive Youth Development (Moderator: TBA)
8:15 Matthew Vierimaa, Jean Côté, Karl Erickson, Queen’s University, & Wade Gilbert, California State University-Fresno.
A framework for the measurement of positive youth development in sport.
8:30 Luc J. Martin, Albert V. Carron, University of Western Ontario, Mark A. Eys, Wilfrid Laurier University, & Todd Loughead, University of Windsor.
Development of a cohesion inventory for children’s sport teams.
8:45 Leisha Strachan, University of Manitoba.
Examining children’s experiences in summer sport camps using photo elicitation.

8:15 am – 9:45 am Sport & Exercise Psychology Symposium 4 (Room: Montpellier)
Title: Using health games to improve exercise behavior and rehabilitation (Moderator: TBA)
Deborah L. Feltz, Michigan State University.
Using health games to improve exercise behaviour and rehabilitation.
Brandon C. Irwin, Deborah Feltz, Norbert L. Kerr, & Sarah Schimpke, Michigan State University.
Virtual partners: Harnessing group dynamics to boost motivation to exercise.
Karin A. Pfeiffer, Wei Peng, Brian Winn, & Darijan Suton, Michigan State University.
Developing a theory-based video game to increase intrinsic motivation to exercise.
Cay Anderson-Hanley, Union College, & Paul J. Arciero, Skidmore College.
Seniors cybercycling for cognitive health.
M. Manning, Veronica D. Hopkins, Union College, M. Prezioso, Capitol District Psychiatric Center, Paul J. Arciero, Skidmore College, & Cay Anderson-Hanley, Union College.
Cybercycling for cognitive health: Application in Schizophrenia.
9:45 am – 10:00 am  Refreshment Break

10:00 am – 11:00 am  Keynote Speaker, Sport and Exercise Psychology  
(Room: Adirondack A/B/C/D)  
Title: New ideas from organizational leadership  
Presider: Amy Latimer, Queen’s University  
Speaker: Julian Barling, Queen’s University

11:00 am – 12:30 pm  POSTER SESSION 3  
(Room: Green Mountain Ballroom)  
Please set up posters by 8:30 am Saturday. If you have an even number poster, stand beside it from 11:00 am – 11:45 am. If you have an odd number poster, stand beside it from 11:45 am – 12:30 pm.  
Presider: TBA  
1. Physical Activity Determinants  
2. Cohesion  
3. Predictors of Performance  
4. Motor Performance  
5. Posture and Gait II  
6. Motor Planning and Control II  
7. Attentional Focus  
8. Motor Learning III

12:30 pm – 1:45 pm  Lunch and Faculty-Student Round Table Lunch

1:45 pm – 3:15 pm  CONCURRENT SESSIONS

1:45 pm – 3:15 pm Motor Learning and Control Symposium  
(Room: Adirondack A)  
Title: Postural and gait dysfunction in Multiple Sclerosis: Novel insights from motor control (Moderator: TBA)  

Jacob Sosnoff, Sunghoon Shin, University of Illinois at Urbana-Champaign, Nicholas Stergiou, University of Nebraska at Omaha, Jessie M. Huisinga, Oregan Health and Sciences University, Richard Van Emmerik, & Michael A. Busa, University of Massachusetts.  
*Multiple Sclerosis and postural and gait dysfunction.*

Richard Van Emmerik, Michael A. Busa, & Joseph Hamill, University of Massachusetts.  
*Postural control in Multiple Sclerosis: Stability and complexity analyses.*

Jacob Sosnoff, Sunghoon Shin, & Robert W. Motl, University of Illinois at Urbana-Champaign.  
*Multiple Sclerosis and postural control: A test of the rambling and trembling hypothesis.*
Patients with MS exhibit increased predictability during gait and posture tasks.

1:45 pm – 3:15 pm Sport & Exercise Psychology Verbal Presentations Session 8
(Room: Adirondack B/C)

Title: Motives, mediators, and models of physical activity behavior (Moderator: TBA)
1:45 Marc Lochbaum, & Kyle Litchfield, Texas Tech University.
Deepening the personal and leisure time exercise relationship: Multiple mediation models with achievement goals.
2:00 Kathleen S. Wilson, California State University, Fullerton, & Kevin S. Spink, University of Saskatchewan.
Self-efficacy and physical activity: The possible pitfalls of examining the relationship between perceptions and ongoing behavior with a correlational design.
2:15 James D. Sessford, Nancy C. Gyurcsik, Lawrence R. Brawley, & Kevin S. Spink, University of Saskatchewan.
The challenge of being active during arthritis flare-ups: Do those sufficiently active for health benefits have stronger self-regulatory efficacy beliefs?
2:30 Jennifer R. Tomason, Kathleen A. Martin Ginis, McMaster University, Amy E. Latimer, Queen’s University, Rebecca L. Basset, McMaster University, & Dalton L. Wolfe, University of Western Ontario.
Thoughts matter: HAPA model variables for leisure-time physical activity differ across active and inactive people with spinal cord injury.
2:45 Shaunn M. Burke, Leeds University, & Jennifer Brunet, McGill University.
Self-determined motivation in breast cancer survivors: Examining links to physical activity and mental health.
3:00 Jennifer Brunet, & Katherine M. Sabiston, McGill University.
Self-presentation among breast cancer survivors: Implications for physical activity behaviour.

1:45 pm – 3:15 pm Sport & Exercise Psychology Verbal Presentations Session 9
(Room: Adirondack D)

Title: Building better people: Social development through sport (Moderator: TBA)
1:45 Mark Eys, Wilfrid Laurier University, Mark Bruner, Nipissing University, Blair Evans, Eryn Jewitt, Wilfrid Laurier University, Todd Loughead, University of Windsor, & Svenja Wolf, German Sport University.
Sources of enjoyment influence cohesion-motivational climate relationships in youth sport.
2:00 Vikki Krane, Courtney Robinson, Bowling Green State University, Sally R. Ross, University of Memphis, Katie S. Barak, Bowling Green State University, & Cathryn Lucas-Carr, University of Iowa.
It’s good to know that you will always have soccer: Young girls’ talk about sport.
2:15 Jennifer Murphy-Mills, Karl Erickson, & Jean Côté, Queen’s University.
An investigation of the content and structure of coach-athlete interactions in a model sport program for athletes with disabilities.
2:30 Philip J. Sullivan, Kaitlyn LaForge, Brock University, Nicholas L. Holt, University of Alberta, & Gordon A. Bloom, McGill University.  
Positive youth development and athletes’ perception of coaching behaviour.
2:45 Nicholas D. Myers, Miami University, Mark R. Beauchamp, University of British Columbia, & Melissa Chase, Miami University.  
Coaching competency and satisfaction with a coach: A multilevel structural equation model.
3:00 Alyson Crozier, & Todd M. Loughead, University of Windsor.  
Examining the influence of athlete leadership on the coach-athlete relationship.

1:45 pm – 3:15 pm Motor Development Verbal Presentations Session 2  
(Room: Montpellier)  
Title: Development across the lifespan (Moderator: Regina Harbourne)  
1:45 Stacey C. Dusing, Virginia Commonwealth University, & James C. Galloway, University of Delaware.  
Complexity and the development of midline head control in early infancy.
2:00 Priscila M. Caçola, & Carl Gabbard, Texas A & M University.  
Age-related differences in the modulation of peripersonal and extrapersonal reach space.
2:15 Barbara C. Spessato, Nadia Valentini, Universidade Federal do Rio Grande do Sul, & Mary E. Rusill, Auburn University.  
Prevalence of mastery fundamental motor skill across the childhood years.
2:30 Seonjin Kim, Seoul National University, Minjoo Kim, Seoul National University & University of Maryland, Nadia C. Valentini, Universidade Federale do Rio Grande do Sul, & Jane E. Clark, University of Maryland.  
A preliminary study of validation of the Test of Gross Motor Development for 3 to 10 year-old Korean children.
2:45 Nadja Schott, & Tanja Hohmann, University of Stuttgart.  
Development of motor imagery across the lifespan.
3:00 Eric Buckolz, Michael Lok, Cameron Edgar, Ben Kajaste, University of Western Ontario, & Michael Khan, Bangor University.  
Response inhibition in the elderly: Evidence of preservation.

1:45 pm – 3:15 pm Sport & Exercise Psychology Verbal Presentations Session 10  
(Room: Seasons)  
Title: Personal bests and family favourites? Athletics, family and the links to disordered body image (Moderator: TBA)  
1:45 Erin J. Reifsteck, & Diane L. Gill, University of North Carolina at Greensboro.  
Athlete identity and physical activity levels among former college athletes.
2:00 Jennifer I. Gapin, Curt L. Lox, Jennifer L. Stapleton, Alyssa Humphries, & Kyle Kunkle, Southern Illinois University, Edwardsville.  
Body image and weight concerns of collegiate wrestlers: A season long examination.
2:15 Eva Monsma, Toni Torries-McGehee, University of Southern Carolina, & Robert M. Malina, Tarleton University.  
Contextual, biological and psychological variables involved in social physique anxiety among female collegiate track and field athletes.
2:30 Maria Proshutina, & Miranda Kaye, Ithaca College.  
Motives for physical activity and exercise dependence in endurance athletes.
Assessing prevalence of eating disorders and eating disorder symptoms among lightweight and open-weight collegiate rowers.

Does what I hear become what I see and what I do? The influence of appearance and function related commentary on body image and exercise behaviour.

3:15 pm – 3:30 pm Refreshment Break

3:30 pm – 5:00 pm CONCURRENT SESSIONS

3:30 pm – 5:00 pm Motor Learning and Control Verbal Presentations Session 8
(Room: Adirondack A)
Title: Motor learning (Moderator: TBA)
3:30 Will F. Wu, Gilly O. Meir, Rachel L. Judy, Jonae B. Perez, Doug E. Young, & Mike J. Cohen, California State University, Long Beach.
Exploring the contextual interference continuum: A comparison of random, block, increasing, and self-control practice schedules.
3:45 Christopher A. Aiken, Peter R. Jensen, Rainer J. Meisterjahn, & Jeffrey T. Fairbrother, University of Tennessee, Knoxville.
The effects of explicit error estimation on motor skill learning in a self-controlled feedback condition.
4:00 David D. Laughlin, Jeffrey T. Fairbrother, Arya Alami, University of Tennesse, Knoxville, & Phillip G. Post, New Mexico State University.
The effects of self-controlled feedback compared to yoked and reduced frequency schedules.
4:15 Arnaud Boutin, University of Poitiers, & Stefan Panzer, University of Muenster.
Testing-enhanced transfer of motor skills.
4:30 Klaus Blischke, & Andreas Malangré, Universitaet des Saarlandes.
Consolidation based enhancement in motor skill learning: State- or time-dependent?
4:45 Chaoyi Wang, John J. Buchanan, & David L. Wright, Texas A & M University.
Effect of sleep on the memory consolidation of a 2:1 pattern bimanual coordination task.

3:30 pm – 5:00 pm Sport & Exercise Psychology Verbal Presentations Session 11
(Room: Adirondack B/C)
Title: The view from here: Perceptions of cohesion (Moderator: TBA)
3:30 Todd M. Loughead, Krista J. Munroe-Chandler, University of Windsor, & Mark A. Eys, Wilfrid Laurier University.
Examining the relationship between formal and informal leadership behaviours and perceptions of team cohesion.
3:45 Veronica Son, & Deborah Feltz, Michigan State University.
Exploring the relationship between efficacy beliefs, individualism/collectivism, and team attributions.
4:00 Li-Shiue Gau, Asia University, Taiwan.
How college department identification relates to collective and individual self-esteem experiences in watching campus-wide sports competition.
4:15  J. D. DeFreese, & Alan L. Smith, Purdue University.  
Teammate social support, self-determined motivation, and athlete burnout.
4:30  Kyle F. Paradis, Luc J. Martin, & Albert V. Carron, University of Western Ontario.  
Examining the effects of harmonious and obsessive passion on cohesion and intention to return in competitive and recreational athletes.
4:45  Carly S. Priebe, Kevin S. Spink, & Tina DeRoo, University of Saskatchewan.  
An exploratory study examining groupness, cohesion and satisfaction in an exercise setting.

3:30 pm – 5:00 pm Sport & Exercise Psychology Verbal Presentations Session 12  
(Room: Adirondack D)  
Title: Experimental methods in exercise psychology (Moderator: TBA)
3:30  Jennifer L. Etnier, Jeffrey D. Labban, Daniel M. Pendleton, Kelly K. Dvorak, University of North Carolina at Greensboro, Katie M. Becofsky, University of South Carolina, & Laurie G. Wideman, University of North Carolina at Greensboro.  
Acute exercise and memory: A dose response study.
3:45  Yu-Kai Chang, Feng-Tzu Chen, Chun-Chin Wang, & Shih-Hsien Yen, National Taiwan Sport University.  
4:00  Philip Sullivan, Kate Rickers, Morgan Gagnon, Kimberley L. Gammage, & Sandra J. Peters, Brock University.  
The synchrony effect in treadmill running.
4:15  Elaine A. Hargreaves, University of Otago, & Kate E. Sheppard, University of Exeter.  
Exploring the peak and end rule of past effective episodes within the exercise context.
4:30  Amanda Williams, & Diane Gill, University of North Carolina at Greensboro.  
Perceived environmental restorativeness and affective responses to indoor vs. outdoor exercise.
4:45  Aaron T. Piepmeier, & Jennifer L. Etnier, University of North Carolina at Greensboro.  
For health, wealth, or others: How the purpose for participating in a cycling task affects performance.

3:30 pm – 5:00 pm Sport & Exercise Psychology Verbal Presentations Session 13  
(Room: Montpellier)  
Title: Influential relationships in sport (Moderator: TBA)
3:30  Colleen Coakley, & Jean Côté, Queen’s University.  
Towards an understanding of young athletes’ perceptions of the 4Cs.
3:45  Mark W. Bruner, Nipissing University, & Mark Eys, Wilfrid Laurier University.  
Group cohesion and personal and social development in youth team sports.
4:00  Nicole D. Bolter, San Francisco State University, & Maureen R. Weiss, University of Minnesota.  
Coaching for character: Mechanisms of influence on adolescent athletes’ sportsmanship behaviors.
4:15  Sandra Pelaez, Concordia University, Mark W. Aulls, McGill University, & Simon L. Bacon, Concordia University.  
Moral influence in sport: The role of the coach.
4:30  Erica Tibbetts, & Miranda Kaye, Ithaca College.  
The role of moral disengagement and achievement goals on unsportspersonlike behavior in rowers.
4:45 Julie A. Partridge, Porchia V. Jenkins, & Jordan Kurth, Southern Illinois University Carbondale.
Mean girls: Adolescent girls and relational aggression in sport.

3:30 pm – 5:00 pm Motor Development Verbal Presentations Session 3
(Room: Seasons)
Title: Children with movement disorders (Moderator: Beverly Ulrich)
3:30 Anjana Bhat, Kinga Palatinus, Phoebe Menacherry, Ashish Mhadeshwar, & Kerry Marsh, University of Connecticut.
Self and social coordination in typically developing children and children with Autism Spectrum Disorders (ASDs/ADHD).
3:45 Sudha Srinivasan, Kathleen Lynch, Timothy Gifford, Deborah Bubela, & Anjana Bhat, University of Connecticut.
The effects of robot-child interactions on imitation and praxis performance of typically developing children and children with Autism Spectrum Disorders (ASDs) between 4-10 years of age.
4:00 Jody L. Jensen, & Rutvi Shah, University of Texas at Austin.
Movement characteristics and functional independence of children with Autism Spectrum Disorder.
4:15 Ting Liu, & Karen S. Meaney, Texas State University-San Marcos.
Bridging research with community service: Developing a summer camp for children with Autism Spectrum Disorders.
4:30 Nadia Valentini, Monia Coutinho, Universidade Federale do Rio Grande do Sul, Jane E. Clark, University of Maryland, & Jill Whitall, University of Maryland Baltimore.
Developmental Coordination Disorder (DCD) or lack of motor experience? A study with Brazilian children.

5:00 pm – 6:00 pm Ask the Researcher
(Room: Green Mountain Ballroom)

7:00 pm – 11:00 pm Dinner Cruise and Dance

Sunday, June 13
8:00 am – 12:00 pm Executive Committee Breakfast Meeting: Incoming, Outgoing, & Continuing EC Members
(Burlington Conference Room)
Posters

Thursday

1. Coaching
1. Marc J. LaFleche, Colinn A. Webster, & Kevin P. Hunt, University of South Carolina. *Instrument for coaches' autonomy-support analysis (I-CAAN).*
3. Inwha Lee, Chung-Ang University, Duksun Chang, Korea National Sport University, & Junghoon Huh, Chung-Ang University. *The effects of sport leaders' leadership types on empowerment and organizational commitment.*
7. Lindsay Walsh, & Krista Munroe-Chandler, University of Windsor. *How coaching certification influences coaches’ encouragement of imagery use with athletes.*

2. Experiments

3. Body Image
14 Lindsay Cline, Brock University, Larkin Lamarche, University of Toronto, & Kimberley L. Gammage, Brock University.  
*Body image in breast cancer patients: Preliminary investigation into the role of physical activity.*

15 Anthony G. Delli Paoli, & Brandon L. Alderman, Rutgers University.  
*Relationship among body image concerns, exercise motivation, and behavior.*

16 Huihong Zhang, Southeast University, & Qin Lai, Wayne State University.  
*Gender, Physical Fitness, and Body Image in Chinese College Students: A Longitudinal Study*

### 4. Attention and Visual Search

17 David J. Hancock, & Diane M. Ste-Marie, University of Ottawa.  
*Visual attention in elite, intermediate, and novice ice hockey referees.*

18 Melissa Smith, Duane Millslagle, & Bridget Hines, University of Minnesota Duluth.  
*Vision in action strategies involving experienced and inexperienced softball umpires.*

19 Taichi Katayama, Yukimasa Ishibashi, Tomohisa Nagano, & Takaaki Kato, KEIO University.  
*Visual search behavior of American football players in one-on-one situations.*

20 Tomohisa Nagano, & Takaaki Kato, KEIO University.  
*Visual behaviors of penalty kickers of soccer in a real-play situation.*

21 Yukimasa Ishibashi, Takaaki Kato, Tomohisa Nagano, Yuji Ohgi, & Mitsuo Sasaki, KEIO University.  
*Visual search and action while rebounding the basketball in three-on-three tactical situations.*

22 Michelle S. Okumura, University of Georgia, Robert R. Horn, Michele Fisher, Melissa G. F. Alexander, & Curtis T. Sylvester, Montclair State University.  
*Effects of target displacement on quiet eye duration: A test of the location-suppression hypothesis.*

23 Hirofumi Ida, Tokyo Medical and Dental University, Kazunobu Fukuhara, & Motonobu Ishii, Tokyo Institute of Technology.  
*Anticipatory cue in tennis: A spatial occlusion approach using computer graphics.*

24 William P. Berg, Michelle Simonsen, Vicki DiCello, Katie Krimner, & Marion Guinet, Miami University.  
*The effect of cellular telephone conversation and music tempo on breaking response time.*

25 Eric D. Buckolz, Ben J. Kajaste, Michael R. Lok, Cameron P. Edgar, University of Western Ontario, & Michael A. Khan, Bangor University.  
*Do centrally presented stimulations cause orientation inhibition?*

26 Eric D. Buckolz, Cameron P. Edgar, Ben J. Kajaste, Michael R. Lok, University of Western Ontario, & Michael A. Khan, Bangor University.  
*Blocking memory retrieval as a means for eliminating the spatial negative priming (SNP) effect: Preventing response-based information retrieval.*

### 5. Coordination and Timing

27 Seonjin Kim, & Sooyeon Kim, Seoul National University.  
*A change of inter-limb coordination and movement timing and expertise.*

28 Fuwen Cai, & Howard N. Zelaznik, Purdue University.  
*Changing task goals does not change event timed tasks into an emergent-timing task.*

29 Charles H. Shea, & Jason Boyles, Texas A & M University.  
*Bimanual coordination: Evaluating feedback displays.*
6. Posture and Gait I
Changes in postural motion and heart rate responses in a golf putting competition.
31 Charalambos Charalambous, Michaela Gerger, Guilmerme Cesar, Eric Wade, & Carolee J.  
Winston, University of Southern California.  
Systematic investigation of anticipatory planning in goal-directed stepping.
32 Adam W. Kiefer, Brown University, Christopher K. Rhea, University of North Carolina at Greensboro/Providence VA Medical Center, Susan E. D’Andrea, William H. Warrren, & Roy K.  
Aaron, Providence VA Medical Center/Brown University.  
1/f noise signatures for component process interactions during quiet standing provide evidence  
for interaction-dominant dynamics.
Stability of foot dynamics in bipedal postural stances.
34 Ting Ting Yeh, Jason Boulet, Tyler Cluff, Lauren Mak, & Ramesh Balasubramaniam,  
McMaster University.  
Contributions of visual feedback and cognitive dual-task load on postural dynamics in older  
adults.
35 Deborah Jehu, Brock University, Larkin Lamarche, University of Toronto, Kimberley L.  
Gammage, Panagiota (Nota) Klenrou, & Allan L. Adkin, Brock University.  
Assessing balance confidence in older adults using a short version of the Activities-Specific  
Balance Confidence Scale.
36 Sandy McCombe Waller, Andrea Gaeta, & Jill Whitall, University of Maryland, Baltimore.  
Immediate effects of rhythmic auditory cuing in gait of chronic stroke survivors.
Effect of walking with various assistive devices on energy consumption in children with  
Myelomeningocele.

7. Motor Learning I
38 Maicon R. Albuquerque, Herbert Ugrinowitsch, Guilherme Lage, Universidade Federale de  
Minas Gerais, Umberto Corrêa, Universidade de São Paulo, & Rodolfo Benda, Universidade  
Federale de Minas Gerais.  
Effects of reduced frequency of knowledge of results (KR) in generalized motor program and  
parameters in constant practice.
39 Collier Shepard, Moe Kabir, & Yuhua Li, University of Memphis.  
Kinetic effects and EMG variability in response to different schedules of knowledge of results.
40 Maria F. Carvalho, Gabriel M. Alves, Vitor L. S. Profeta, Ana P. P. Vellosso, Rodolfo  
Brenda, & Herbert Ugrinowitsch, Universidade Federale de Minas Gerais.  
The effects of bandwidth feedback in adaptation to unpredictable perturbations in an isometric  
task force.
41 Jae Moo Lee, Soomin Noh, Seung Chul Kim, & Ji-hang Lee, University Sunkynkwan.  
Facilitation of the declarative memory consolidation through the suppression of the procedural  
memory.
42 David L. Wright, Atul Handa, Sanjeev Bhatia, & Joohyun Rhee, Texas A & M University.  
Temporal proximity of exercise to interference can influence memory stabilization.
Practicing with systematic increases in contextual interference is more effective than practicing with decreasing amounts of contextual interference.

Preceding motor task learning with exposure to elevated levels of psychological stress improves short and long term performance in healthy adults.

Altering mindset can enhance motor learning in older adults.

Motor Development I

How does crawling experience change infants’ immediate visual response to object size when depth cues are manipulated?

The emergence of intentional reaching in response to repeated, multimodal sensory-motor experience.

Changes in head kinematics in typically developing infants during the development of reaching between 2 to 5 months of age.

A comparison of object-oriented and social experiences to enhance interlimb coordination during kicking in young typically developing infants.

Eight-month old infants are able to disregard altered somatosensory information to maintain a stable sitting posture: Preliminary evidence.

Reliability of the Balance-O-Gram as a device for sitting posture evaluation in infants.

Developmental trajectory of proprioceptive neural pathways in infants with MMC.

Function of peripheral 1a pathways in toddlers with walking practice.
Friday

1. Psychological Skills

1. Jennifer Cumming, University of Birmingham, Barbara Law, Nipissing University, & Craig Hall, University of Western Ontario.
   Who are athletes watching? Differences in observational learning according to model type.

2. Jessica J. Gagnon, Marquette University, & William P. Ebben, University of Wisconsin-Parkside.
   The relationship between mental skills, experience, and stock car racing performance.

   The effects of a simulated inspirational pep talk on emotion in college football players.

4. Walid Briki, Montpellier University, Jan Rudolf den Hartigh, University of Groningen, Denis Hauw, & Christophe Gernigon, Montpellier University.
   Psychological momentum in sport: A multidimensional and highly dynamic phenomenon.

5. Lindsay McCardle, & Allyson F. Hadwin, University of Victoria.
   Exploring regulatory competencies of student-athletes.

6. Marcelo Schmidt, & Marc Lochbaum, Texas Tech University.
   Experimental test of Elliot’s 2X2 achievement goal under competitive sport conditions.

7. Cheryl P. Stuntz, & Jennifer A. Girard, St. Lawrence University.
   Predicting athletes’ engagement and burnout from coaches’ burnout and engagement, autonomy supportive behaviors and basic needs satisfaction.

8. Jeremy S. Sibold, Alan B. Howard, University of Vermont, & Sam Zizzi, West Virginia University.
   Life stress and competitive anxiety predict time to injury in college athletes.

   Stress and recovery in high performance soccer athletes in training.

10. Laura Milham, & David D. Chen, California State University Fullerton.
    Survey of performance resilience in college athletes from a Division I university and a community college.

11. Sharleen D. Hoar, & Joshua Hoetmer, University of Lethbridge.
    A qualitative examination of adolescent athletes’ transition to an elite baseball academy.
12 Li-Shiue Gau, Asia University, Taiwan.  
*Extend the self-sport relationship in participation to spectatorship and fan identification.*

13 Ya-Ting Shang, Diane L. Gill, University of North Carolina at Greensboro.  
*Athletes’ perceptions of the sport climate for athletes with non-conventional gender expressions and sexual orientations in Taiwan.*

2. Imagery

14 Jaymi Edwards, Queen’s University, Barbi Law, Nipissing University, & Amy E. Latimer, Queen’s University.  
*Effects of an imagery workshop on coaches’ encouragement of imagery use.*

15 Paul T. Knackstedt, & Jennifer L. Etnier, University of North Carolina at Greensboro.  
*Optimal timing of a PETTLEP mental imagery intervention on a dart throwing task.*

16 Heather E. Benson, & Jeffrey C. Ives, Ithaca College.  
*Are mental imagery and body image associated with skill level in female rowers?*

17 Jeff D. Graham, & Steven R. Bray, McMaster University.  
*Imagery and endurance: Does imagery impair performance by depleting self-control strength?*

3. Action Observation and Imagery

18 Thábata V. B. Gomes, Rodolfo N. Benda, & Herbert Ugrinowitsch, Universidade Federale de Minas Gerais.  
*Effects of mental practice in adaptation to unpredictable perturbations.*

19 Patricia E. Knobl, & Quincy J. Almeida, Wilfrid Laurier University.  
*The influence of motor imagery during exercise rehabilitation in Parkinson’s disease.*

20 Mauro Murgia, Guido Bresolin, Giovanni Righi, University of Trieste, Alessandra Galmonte, University of Rona, & Tiziano Agostini, University of Trieste.  
*Effect of visual and auditory models on golf swing.*

21 Mauro Murgia, Alessandra Ippedico, Francesca Pivetta, Rossella Vono, Stefano Feduzzi, & Tiziano Agostini, University of Trieste.  
*Recognition of correct rhythmic execution of tap dance sequences: Auditory versus visual modality.*

22 Rashmi P. Pacha, Qin Zhu, & Rashmi P. Ravi, University of Wyoming.  
*Expert throwers can perceive spatial properties of a remote target in point-light display of self throws prior to release.*

23 Simran Ohson, Tyler Cluff, & Ramesh Balasubramaniam, McMaster University.  
*Effect of viewpoint, action type and actor familiarity on action discrimination.*

24 Bjorn A. Holmberg, & Jeffrey T. Fairbrother, University of Tennessee, Knoxville.  
*The use of naturalistic observation to assess movement patterns and timing of the rowing cycle.*

25 Kazunobu Fukuhara, Tokyo Institute of Technology, Hirofumi Ida, Tokyo Medical and Dental University, Madoka Takahashi, Yasunori Kotani, & Motonobu Ishii, Tokyo Institute of Technology.  
*A making method of computer graphics for examining anticipatory skills in tennis serves.*

26 Tadao Ishikura, Doshisha University.  
*Effect of model demonstration when viewed from the back and/or front on the modeling of sequential gross movement pattern.*

27 Thomas M. Coppola, & Nichola J. Hodges, University of British Columbia.  
*Insights into procedural ability following observational practice of a 2-ball juggling action.*
4. Motor Planning and Control I
28 Heather F. Neyedli, University of Toronto, David A. Rosenbaum, Pennsylvania State University, & Timothy N. Welsh, University of Toronto.  
Efficient planning and execution of object grasps: Insights from the end-state comfort effect.
29 Samuel W. Logan, Mark G. Fischman, & Michael A. Urbin, Auburn University.  
The relationship between the bimanual end-state comfort effect and memory performance in serial and free recall.
30 Masahiro Kokubu, & Masanobu Araki, Osaka University of Health and Sport Sciences.  
The relationship between ocular dominance and binocular response properties in convergence and divergence eye movements.
31 Eric Wade, Shuya Chen, & Carolee J. Winstein, University of Southern California.  
Determination of nominal task difficulty of an upper extremity motor task puzzle for individuals post-stroke.
32 Edward Ofori, Jacob S. Sosnoff, University of Illinois at Urbana-Champaign, Steven Morrison, Old Dominion University, Morgan K. Boes, University of Illinois at Urbana-Champaign, John H. Pula, University of Illinois, College of Medicine, & Robert W. Motl, University of Illinois at Urbana-Champaign.  
Tremor and Multiple Sclerosis.
Pattern of alterations in motor circuit resting state fcMRI in Parkinson’s disease patients due to medication and forced exercise.
34 Jian Zhang, Kai Li, Donghai Wang, Ying Wang, Shanghai University of Sport, & Yuhua Li, University of Memphis.  
An EMG study on characteristics of premotor time and motor time in a choice reaction time test on foot movement of athletes.
35 Jaeho Shim, Rafer Lutz, Baylor University, John Van der Kamp, VU University, & Brandon R. Rigby, Baylor University.  
The perceived height of a goal keeper adopting MLLER-LYER postures.
36 Jin H. H. Yan, & Jei Yu, Chinese University of Hong Kong.  
Expertise and fitness benefit inhibitory control in fencing.
37 Irik Johnson, Jeffrey C. Ives, & Gary A. Sforzo, Ithaca College.  
Components of reactive agility in football players.
38 Kent Takeishi, Yukimasa Ishibashi, Tomohisa Nagano, & Takaaki Kato, KEIO University.  
Comparative studies of activity profiles of surfers under “clean” and “messy” conditions.

5. Motor Learning II
39 David J. Stevens, University of Sydney, David I. Anderson, San Francisco State University, Nicholas O’Dwyer, & A. Mark Williams, University of Sydney.  
Direction of transfer effect on stick balancing.
40 Tsutsui Sei jiro, & Satoh Mitsuhiro, Aichi University of Education.  
Contextual interference effect in throwing ball type by pitchers.
41 David Hendry, Shannon Lim, Andrew Wilson, Desmond Mulligan, & Nichola J. Hodges, University of British Columbia.  
Choice of practice schedule is influenced by previous experience with a particular practice (either random or blocked).
Changes in perceptual-motor learning across the lifespan.

Practice variability effect depends on learners’ experience.

Effects of self-controlled feedback on learning the squat.

Importance of perceptual saliencies to learn a repeated sequence via continuous movements: Some insights into implicit motor learning.

The effects of practice schedule and self-controlled feedback manipulations on the acquisition and retention of motor skills.

Generalized motor programs and parameters are different in intermanual transfer rates for a learned sequential motor skill.

The influence of transcranial magnetic stimulation on quadriceps activation in arthrogenic muscle inhibition patients during rehabilitation exercises.

Motor Development II

Alberta Infant Motor Scale for Brazilian infants: A validation study.

Neurotypical children’s performance on the TGMD-2 with picture task cards.

The validity and reliability of the Portuguese translation of TGMD-2.

The influence of motivational climates on rural children’s physical activity.

Effect of body mass index on blood pressure in children from a rural, low socioeconomic community.

RPE and HR both increase during treadmill walking in persons with intellectual disabilities.
The impact of body-scaled information on reach actions in children with hemiplegic cerebral palsy and typically developing children.

Children’s engagement during a mastery motivational motor skill intervention.

Effects of mastery climate physical play on heart rate and physical activity of preschoolers in rural New Mexico.

Improved motor abilities following a strength-based intervention program for children with Fetal Alcohol Spectrum Disorder (FASD).

Adaptive functioning before and after a strength-based intervention program for children with Fetal Alcohol Spectrum Disorder (FASD): First year findings.

Age- and activity-related differences in the mechanisms underlying maximal power production in young and older adults.

1. Physical Activity Determinants

1. Theoretical content analysis of physical activity websites targeting people with depression.

2. Assessing the school environment and policy of factors associated with adolescents’ physical activity in San Antonio, Texas.

3. Youth perceptions of neighborhood physical environment and peer availability as contributors to physical activity behavior.


5. Intentions and behaviour during the transition to university: An investigation of hypothetical bias towards physical activity.
6 Jeremy Sibold, Alan B. Howard, & David Brock, University of Vermont. 
Exercise participation and heavy alcohol use in U.S. males.
7 Victoria S. Archbold, & Elizabeth Webster, Leeds Metropolitan University. 
Catching my breath: The psycho-social correlates of sport and exercise participation for adolescent living with brittle asthma.
8 Lawrence R. Brawley, James Sessford, & Jennifer L. Forbes, University of Saskatchewan. 
Psychological predictors of walking speed among independent living older adults: Perceptions of the environment and self-efficacy.
9 Lisa Cooke, Vincent L. Liardi, & Craig Hall, University of Western Ontario. 
Does the shoe FIT? An examination of the relationship of exercise identity with exercise frequency, intensity and duration.
10 Diane E. Whalley, & Robin J. Schroyer, University of Virginia. 
Changes in physical and identity-related variables in middle-aged fitness walkers.
11 Vincent L. Liardi, Lisa M. Cooke, & Craig Hall, University of Western Ontario. 
Examining stages of exercise with exercise-identity.
12 Kyle Litchfield, & Marc Lochbaum, Texas Tech University. 
Modern day personality measurement and self-reported physical activity: A meta-analytical summary.
13 Katheryn Wilson, Tom Raedeke, Bob Hickner, Katrina DuBose, & Janet Funderburk, East Carolina University. 
The effects of a 16 week exercise intervention on the self-perceptions and quality of life in physically inactive healthy weight and obese children.

2. Cohesion
14 Ryoko Takemura, KEIO University, & Kohei Shimamoto, Tokyo Institute of Technology. 
Development of the Sport Group Impression Scale for student athletes.
15 Lori Dithurbide, Michigan State University, Graig M. Chow, University of California-Los Angeles, Deborah L. Feltz, Michigan State University, & Philip J. Sullivan, Brock University. 
Collective efficacy magnitude and dispersion: The effects on Tug-of-War group performance.
16 Tanya Scarapicchia, Erin O’Loughlin, & Catherine M. Sabiston, McGill University. 
The association between social support and physical activity motivation and behaviour among breast cancer survivors.
17 Jordan Blazo, Purdue University, Daniel Czech, Georgia Southern University, Sarah Carson, James Madison University, & Windy Dees, University of Miami. 
A qualitative investigation of the experience of sibling sport achievement.
18 Sarah C. Ullrich-French, Washington State University, Meghan H. McDonough, Purdue University, Dawn Anderson-Butcher, Ohio State University, & Anthony Amorose, Illinois State University. 
Profiles of social relationships for low-income youth in physical activity based positive youth development programs.
19 Virginie Hurtel, Université Bourgogne. 
Parental involvement in tennis: Its specificities according to the sex of parents and to the adolescent players’ sex and stage of sport participation.
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20 Frederick A. Gardin, David A. Middlemas, Montclair State University, & Joseph M. Murphy, Salem State University.
Differences in critical growth experiences of expert and novice athletic trainers in collegiate settings.
21 Joe Baker, Dan Koz, York University, Ann-Marie Kungl, Lakehead University, Jessica Fraser-Thomas, York University, & Jörg Schorer, University of Muenster.
Staying at the top: Career longevity in American football.
22 Kasania Shuiskiy, York University, Ann-Marie Kungl, Lakehead University, Jörg Schorer, University of Muenster, & Joe Baker, York University.
Shifting trends in athlete development: A preliminary analysis of stability of birthplace effects over time.

4. Motor Performance
23 Jeffrey C. Ives, Eric Shoup, Ithaca College, & Jesse Michel, West Virginia University.
Gender differences in body awareness: Viscero-awareness versus kinesthetic awareness.
24 Julie A. Partidge, & Jared M. Porter, Southern Illinois University Carbondale.
You’re not good enough! An empirical investigation of introducing shame on golf putting performance and focus of attention.
25 Nicholas Murphy, East Carolina University, Derek De La Pena, University of Houston-Downtown, & Colleen C. Estes, East Carolina University.
Eye-fixations on the golf course: A comparison of expert and novice golfers following avoidant instructions.
26 Brendan M. Carr, & Jennifer L. Etnier, University of North Carolina at Greensboro.
Examining the time course of attention in a soccer kick using a dual task paradigm.

5. Posture and Gait II
27 Eric G. James, University of Texas, & Karl M. Newell, Pennsylvania State University.
Transfer between redundant and non-redundant postural tasks.
28 Ana M. F. Barela, Sarah Caporicci, José Raider Junior, & José Barela, Universidade Cruzeiro do Sul.
Contribution of somatosensory information to postural control of older and younger adults.
The dose-response relationship of balance training in physically active older adults.
Adaptations in gait by children with Myelomeningocele when walking with different assistive devices.
Emotional state impacts the initiation of gait in individuals with Parkinson’s disease and healthy older adults.
Emotion influences error during a postural control task.
33 Sunghoon Shin, Robert W. Motl, & Jacob J. Sosnoff, University of Illinois at Urbana-Champaign.
Spasticity and postural asymmetry in persons with Multiple Sclerosis.

6. Motor Planning and Control II
34 Cassio M. Meira, Jr., Mariana Moura, University of Sao Paulo, Luciana T. G. Avila, Suzete Chiviacowsky, Federal University of Pelotas, & Renato Moraes, University Sao Paulo.
Extroversion-related differences in speed-accuracy trade-off.
Arm and wrist control: Extended practice FITTS task.
36 Tsung-Yu Hsieh, Pennsylvania State University, Yeou-Teh Liu, National Taiwan Normal University, & Karl M. Newell, Pennsylvania State University.
The speed-accuracy trade-off in space-time.
37 James Roberts, Liverpool John Moores University, Jim J. Burkitt, Bas Willemse, Alison Ludzki, Jim L. Lyons, Digby Elliott, & Lawrence E. M. Grierson, McMaster University.
The impact of manipulating visual information availability during the early and late portions of pointing movements made towards the vertices of Muller-Lyer figures.
38 Mike Urbin, Auburn University, David F. Stodden, Texas Tech University, & Glenn S. Fleisig, American Sport Medicine Institute.
Variability in differentially skilled children and adolescent overarm throws.
Extending the performance-based findings associated with the availability of prior knowledge concerning online visual feedback availability to the learning a precision aiming movement.
40 Rachel O. Coats, Jing S. Pan, & Geoffrey P. Bingham, Indiana University.
Calibration of one action does not transfer to a different action because the action units are not the same.
41 David D. Chen, California State University Fullerton, & Laura Pei, Troy High School.
Deliberately decreasing and increasing reaction times: Effects on decision making latencies in complex reaction time tasks.
42 Steve Hansen, Nipissing University, & Jim L. Lyons, McMaster University.
Individual differences in manual responses during cost-benefit analyses.
43 Laura J. Claxton, Jessica K. Witt, Joong Huyn Ryu, & Jeffrey M. Haddad, Purdue University.
Anticipation in the dorsal stream.

7. Attentional Focus
44 Jong Seong J. S. An, & Seonjin S. J. Kim, Seoul National University.
The progress of learning golf swing according to presented types of attentional focus.
45 Russell P. Nolan, Southern Illinois University Carbondale, Will F. W. Wu, California State University, Long Beach, & Jared M. Porter, Southern Illinois University Carbondale.
Inducing an external focus of attention improves standing long jump performance but not peak force production.
46 Erik Ostrowsky, Jared M. Porter, Nicole Wikoff, & Justin Ostrowsky, Southern Illinois University Carbondale.

*The magnitude of an external focus of attention does not influence standing long jump performance.*

47 Ana Paula K. Claudio, & Luis A. Teixeira, University of São Paulo.

*Variation of attention and performance in the learning of dual tasks.*

48 Dan L. Southard, Texas Christian University

*Focus of attention and control parameter: Effect on throwing pattern and performance.*

49 David E. Sherwood, University of Colorado, & John J. Buchanan, Texas A & M University.

*The effect of the focus of attention on bimanual circle drawing.*

50 Zhuhang Huang, Beijing Sport University, Gaofeng Li, Beijing Normal University, Qin Lai, Wayne State University, & Xueqin Yang, Yunnan University.

*External attentional focus enhances kicking accuracy and intra-limb coordination in professional soccer players.*

51 Rachel L. Boehm, & Quincy J. Almeida, Wilfrid Laurier University.

*The effects of sensory attention focused exercise on mentation, behaviour and mood in Parkinson’s disease.*

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**8. Motor Learning III**

52 Jared M. Porter, Southern Illinois University Carbondale, Esmael Saemi, Ahmad Varzaneh, Mehdi Zarghami, & Parvaneh Shafinia, Shahid Chamran University of Ahvaz.

*Systematically increasing contextual interference during practice is beneficial for children learning a fundamental motor skill.*

53 Louisa D. Raisbeck, Michigan Tech University, & John B. Shea, Indiana University.

*Motor task encoding and instructions to learn.*

54 James Penrose, & Andrew Doody, University of Toronto.

*Target colour cues eliminate the contextual interference effect.*

55 Jeffrey T. Fairbrother, David D. Laughlin, Arya Alami, University of Tennesse, Knoxville, & Phillip G. Post, New Mexico State University.

*The effects of self-controlled feedback and advanced information on motor skill learning.*

56 Ben Sidaway, Katherine Baughman, Stephanie Jacques, Darren Roundy, & Rebecca Stephens, Husson University.

*Practice schedule effects in elderly individuals and in people with Parkinson’s disease.*

57 Suzete Chiviacowsky, Federal University of Pelotas, Gabriele Wulf, University of Nevada, Rebecca Lewthwaite, Rancho Los Amigos National Rehabilitation Center, & Tiago Campos, Federal University of Pelotas.


*On learning dual tasks: Variation of performance and manual preference.*

59 Atul Handa, Joohyun Rhee, Sanjeev R. Bhatia, & David L. Wright, Texas A & M University.

*Alternative task practice within a 4-6 hour time window doesn’t always result in a lack of procedural memory stabilization.*

60 Sanjeev R. Bhatia, David L. Wright, Joohyun Rhee, & Atul Handa, Texas A & M University.

*Verifying that consolidation resulting in offline learning influences motor chunks.*
Factors related to occurrence on offline enhancement.