2016 North American Federation of Adapted Physical Activity Symposium Schedule

Revisiting our Research Assumptions 20 Years On: The Role of Interdisciplinarity
September 21 to 23, 2016
Faculty of Physical Education and Recreation,
University of Alberta
Edmonton, Alberta

Wednesday September 21st
3:00 – 5:00 p.m.
The Matrix Hotel, Second Floor
NAFAPA Registration

5:00 – 5:10 p.m.
Quartz Room
Opening and Welcome

Kerry Mummery
Dean of the Faculty of Physical Education & Recreation
University of Alberta

Janice Causgrove Dunn
Associate Dean Undergraduate Programs
Faculty of Physical Education & Recreation
University of Alberta

5:10 – 6:00 p.m.
Quartz Room
Keynote Speaker
Dan Goodley
School of Education, University of Sheffield

Critical disability studies: Thoughts on an interdisciplinary field

6:00 – 7:30 p.m.
Quartz Room
Greg Reid Student Poster Session & Reception

Thursday, September 22nd
The Matrix Hotel, Second Floor
8:30 – 9:10 a.m.
Concurrent Building Sessions

Quartz Room A
Marquell Johnson & Renee Culbertson: To increase awareness and opportunities, we must bridge the information gap on physical activity programming for individuals with disabilities

Quartz Room B
Geoff Broadhead, Terry Rizzo & Marcel Bouffard: Building APAQ as a scientific journal: Critical issues

Amber Room A
Maureen Connolly & Elyse Lappano: Re-imagining otherwise: Alternative approaches to APA research and pedagogy for participants with complex profiles

Prism Room
Stamatis Agiovlasitis, John Foley, Jooyeon Jin & Joonkoo Yun: Introduction to secondary data analysis on adapted physical activity research: Connecting physical activity and health

9:10 – 9:20 a.m.
Transition Period
9:20 – 10:40 a.m.  
Concurrent Graduate Presentations

**Quartz Room A**
Jaclyn Fox: Establishing the validity of the functional movement concepts tool (Advisor: Gail Frost)
Andrew Colombo-Dougovito: Parent perceptions of the physical ability of children with ASD: An excerpt from a mixed methods dissertation of a FMS intervention (Advisor: Martin Block)
Kyla Collins: Validating physical fitness assessments in adolescents with intellectual disabilities (Advisor: Phil Esposito)
Seok Heon Kang: Relationship among physical activity level, physical activity choice, and social participation of preschoolers with/without a disability during designated large gross motor time (Advisors: So-Yeun Kim & Laurie Zittel)

**Quartz Room B**
Hayley Morrison: Inclusive physical education professional development: Educative or mis-educative experiences (Advisor: Doug Gleddie)
Kyle Pusharkeno: Exploring physical literacy for individuals with autism spectrum disorder: Interpretations of community activity program leaders (Advisor: Janice Causgrove Dunn)
Rebecca Marsh: Why didn’t they ask me about my disability? Community member’s views on community service learning (Advisor: Donna Goodwin)
Kelsie Acton: Integrated dancers’ practices of time - Initial movement themes (Advisor: Donna Goodwin)

**Amber Room A**
Emma DePasquale: The parent-child relationship between physical activity and motor skills (Advisor: Meghann Lloyd)
Byungmo Ku: The effects of parental/caregiver health on parent-child interactions in children with developmental disabilities during playtime (Advisor: Megan MacDonald)
Myung Ha Sur: Parental self-efficacy and parenting practices of preschoolers with intellectual and developmental disabilities in South Korea (Advisors: So-Yeun Kim & Laurie Zittel)

**Prism Room**
Willie Leung: Validation of FitBit flex for individuals with multiple sclerosis (Advisor: JoonKoo Yun)
Sang Ouk Wee: Effect of acute aerobic exercise on cerebral blood flow and cognitive function in individuals with Down syndrome (Advisor: Bo Fernhall)
Laura St. John: The impact of exercise on heart rate variability among Special Olympics athletes (Advisor: Viviene Temple)

10:40 – 10:55 a.m.  
Break (Beverages and Snacks)
10:55 – 11:55 a.m.
Concurrent Research Presentations

**Amber Room A**
Lauren Lieberman, Michelle Grenier & Ali Brian: Improving inclusive practices: An observational approach grounded in students’ experiences
Geoffrey Meek & Vandita Prasad: Vignettes of children with special education needs profiled with differing physical activity intensity and levels of weight status-perceived fitness
Ladislav Baloun, Martin Kudláček, Jana Sklenaříková & Alena Migdauová: Standardization of a Czech version of self-efficacy scale for physical education majors towards children with disabilities

**Amber Room B**
Donna Goodwin, Rebecca Marsh, Kassi Boyd, Maegan Ciesielski & Amanda Ebert: Hidden labour: Participation of youth in recreation
Alex Boross-Harmer, F. V. Wright, J. Leake & K. P. Arbour-Nicitopoulos: The impact of inclusion: Exploring the impact of participating in an inclusive physical activity program for youth with and without disabilities
Bobbi Jo Atchison & Donna Goodwin: Transitioning from separate to community physical activity contexts for youth with impairments: The parental experience

**Prism Room**
Samantha Ross, Samuel Logan, Michele Catena, Melynda Schreiber, Heather Feldner, Megan MacDonald & James Galloway: Why we move: Social mobility behaviors of children with and without disabilities across childcare contexts
Amelie Fournier, Cecile Loiselle, Jean Chamberlain & Patricia Longmuir: Tumbling together: Improving self-regulation skills in preschool aged children with developmental delays
Geoff Broadhead: Advocating movement for young children: Using data!

12:00 p.m. – 1:00 p.m.
Quartz Room
Lunch

1:00 – 1:50 p.m.
Quartz Room

Keynote Speaker
Arya Sharma
Faculty of Medicine and Dentistry, University of Alberta
*Why Obesity is a Chronic Impairment*
2:00 – 3:20 p.m.
Concurrent Research Presentations

Quartz Room B
Melissa Pangelinan, Keith Lohse, Andrea Patrick & Lisa Ruby: Incidence of obesity in a large representative sample of youth with developmental disabilities
Andrew Pitchford, Chelsea Adkins, & Dale Ulrich: Cortisol response to exercise and adiposity in adolescents with and without Down syndrome
Jooyeon Jin, Stamatis Agiovlasitis & Joonkoo Yun: Obesity paradox in individuals with intellectual disability?
Andrew Pitchford, Chelsea Adkins & Dale Ulrich: Obesity in Down syndrome: BMI or DXA?

Amber Room A
Chantelle Zimmer, Daniel Gregg & Janice Causgrove Dunn: Motor skill interventions for children with DCD that include psychosocial, emotional, and behavioural outcomes: A scoping review
Kerri Staples, S. Lautenslager, K. Collins, A. Federink, K. McLeod & A. Bellerive: Physical activity programming for children with intellectual and developmental disabilities: It's more than just participation
Meghann Lloyd & Lindsay Guest: Effects of Special Olympics Canada’s active start and FUNdamentals programs at improving motor skills: Results from British Columbia, Saskatchewan, Ontario and Nova Scotia
Sally Taunton, Ali Brian & Larissa True: A universally designed motor skill intervention for children with and without disabilities

Amber Room B
Iva Obrusnikova & Albert Cavalier: The effects of the system of least to most prompts on the acquisition of muscle strengthening exercises by individuals with intellectual disabilities: Preliminary findings
Shannon Ringenbach, Simon Holzapfel & Kellie Wallace: Assisted cycling therapy improves self-efficacy in adolescents with Down syndrome
Andra Lenius & Leigh Goring: Water N' Weights: Designing an adaptive fitness and conditioning program for youth with disabilities
Louisa Summers: The effects of long-term adapted aquatics on swimming in children with disabilities

Prism Room
Ali Brian, Justin Haegele, Laura Bostick, Lauren Lieberman, Danielle Nesbitt, David Stodden & Sally Taunton: Perceptions of motor competence for children with and without visual impairments
Cathy McKay & Martin Block: Analyzing the theoretical underpinnings of the Paralympic school day awareness program
ZâNean McClain, Dwan Bridges, Elizabeth Bridges & Seo Hee Lee: Cultural awareness: Chinese parents’ perception of adapted physical education
Kerri Vanderbom, Byron Lai & Jennifer Taylor: 43 years later, youth with disabilities are still on the sidelines

3:20 – 3:35 p.m.
Break (Beverages and Snacks)
3:35 – 4:15 p.m.
Concurrent Building Sessions

Quartz Room A
William Harvey & Shawn Wilkinson: Critical discourse about social justice and adapted physical activity

Quartz Room B
Viviene Temple, Georgia Frey & Heidi Stanish: Interventions to promote physical activity for individuals with an intellectual disability: Gaps and recommendations for research

Amber Room A
Lauren Lieberman & Justin Haegele: Making your passion work for research, service, and teaching: Exploring camp abilities after 20 years now and in the future

Prism Room
Kari Medd and Aimee MacGillivray: Interdisciplinary student services: An innovative approach to student placements

4:15 – 6:00 p.m.
Transition from the Matrix Hotel to the University of Alberta

Open House at the Steadward Centre for Personal & Physical Achievement
Van Vliet Centre
1-675

6:00 – 6:45 p.m.
Room 2-215
Van Vliet Complex
Patricia Austin Graduate Student Award Presentation
Jennifer Leo
University of Alberta
Reflection and Reflexivity on Disability Simulation Use in a Post secondary Kinesiology Course

7:00 – 8:30 p.m.
Social Street
Van Vliet Complex
Poster Session & Reception with Dinner at Food Stations
Friday September 23rd
Matrix Hotel

7:00 – 8:15 a.m.
Prism Room
APAQ Board Meeting

8:20 – 9:10 a.m.
Quartz Room
Keynote Speaker
Danielle Peers
Faculty of Physical Education & Recreation, University of Alberta
*Increasing life chances through disability movement(s): Finding common cause for interdisciplinary collaboration in APA*

9:20 – 10:40 a.m.
Concurrent Research Presentations

**Quartz Room A**
Sean Healy, Justin Haegerle, Michelle Grenier & Jeanette Garcia: Comparison of patterns of physical activity and screen time between adolescents with and without autism
Maureen Connolly & Elyse Lappano: Re-imagining the triad of impairments: Phenomenologically oriented approaches to understanding and explicating instructional/relational strategies for participants with complex ASD profiles
Maureen Connolly, Elyse Lappano, Andra Lenius, Brittany Hogan & Hayley Morrison: Yes, they CAN do that! Progressive adaptive physical activity in a station based movement program for teens with complex ASD profiles

Alice Buchanan, Ben Miedema & Georgia Frey: Parents’ perceptions of physical activity in youth and adults with ASD

**Quartz Room B**
Isabella Felzer-Kim & Janet Hauck: Body composition in children ages 1-3: Relationships with physical activity and motor development
Kyle Pushkarenko, Janice Causgrove Dunn & Allison Sivak: Physical literacy and impairment: The use of a systematic mapping review to identify gaps in the published literature
Kendra McLeod, Amanda Federink, S. Lautenslager & Kerri Staples: Understanding and improving physical activity participation in children with intellectual and developmental disabilities
Luis Columna, Suzanna Rocco, Natalie Russo & Kevin Heffernan: The role of interdisciplinary interventions for children with disabilities: Physical activity programs for children with autism

**Amber Room A**
Brenda Rossow-Kimball: Engaging in physical activity as a support for dual diagnosis
Shawn Wilkinson, William Harvey & Karim Tabbane: Schizophrenia & leisure: Time is of the essence
Shawn Wilkinson, William Harvey & Karim Tabbane: L.E.A.P.S. Leisure education & active participation for persons with schizophrenia & schizoaffective disorder
Enrico Quilico, William Harvey, Jeffrey Caron & Gordon Bloom: Post-rehabilitation exercise experiences after severe traumatic brain injury
**Amber Room A**
Nancy Spencer-Cavaliere, Jennifer Thai & Bethan Kingsley: Youth sport and disability: A fundamental contradiction?
Emily Gilbert, Douglas Collier, Lauren Lieberman & Pamela Haibach: Perceptions of athletic identity for athletes with spina bifida
Deborah Shapiro & Andy Yao: Impact of perceived motivational climate, self-efficacy and enjoyment on effort among youth wheelchair basketball athletes

**Amber Room B**
Matthew Patey, Eun-Young Lee & Kyoung June Yi: Barriers to and opportunities for creating inclusive environments for children: Physical educators’ perspectives
Yeshayahu Hutzler & Sharon Barak: Self-efficacy of physical education teachers in including students with cerebral palsy in regular classes
Wesley Wilson, Andrews Richards & Luke Kelly: The socialization of preservice adapted physical education teachers
Michelle Grenier: An examination of students with severe disabilities in physical education

**Prism Room**
Jaehun Jung, So-Yeun Kim, Laurie Zittel, Marilyn Looney, Myung ha Sur & Seok Heon Kang: Psychometric properties of smart start-2 for preschoolers with and without a disability
Iva Obrusnikova, Suzanna Dillon & Timothy Davis: Validation of the children's intentions to play with peers with physical disabilities in middle-school physical education
Andy Yao & Deborah Shapiro: Hierarchical linear modeling: Introduction and implication in adapted physical education/activity research (40-minute workshop)

10:40 – 10:55 a.m.
Break (Beverages and Snacks)
Hyosok Lim, Yumi Kim, Daniel Azurdia, Teri Todd, Ovande Furtado & Taeyou Jung: Influence of water depth on energy expenditure during aquatic walking in people post-stroke

Michele Olson, Holly Clarke, Lisa Olenik-Dorman & Jared Rehm: Predicting energy expenditure and intensity of youth wheelchair basketball: A pilot study using accelerometry

Simon Holzapfel, Shannon Ringenbach & Megan Cook: Differential effects of assisted and voluntary cycling on the relationship between improvements in cardiorespiratory fitness and executive function in adolescents with Down syndrome

12:00 p.m. – 1:00 p.m.
Quartz Room
Lunch

1:00 – 1:50 p.m.
Quartz Room
Keynote Speaker
Rick Szostak
Department of Economics, University of Alberta
Interdisciplinary Best Practices for Adapted Physical Activity

2:00 – 2:40 p.m
Concurrent Building Sessions

Quartz Room B
David Legg, Colin Higgs & Mat Dowling: Understanding the Para Sport pathway: Focus on participation

Amber Room A
Michaela Schenkelberg, Kristi Menear, Megan MacDonald & Emily Bremer: Salient research questions related to physical activity and autism spectrum disorder

Amber Room B
Terry Rizzo, William Harvey & Geoff Broadhead: APE teacher certification: Inter- and intra-individual US state variability

Prism Room
Thomas Moran & Rylie Power: Adapted physical activity: A vehicle to transform individuals and professions

2:50 – 3:50 p.m
Concurrent Research Presentations

Quartz Room A
Andrew Colombo-Dougovito & Luke Kelly: When we assess, do they understand? A pilot study to make assessments more accessible for children with ASD

Quartz Room B
Joanna Auger & Nancy Spencer-Cavaliere: Inclusion in group exercise: An examination of an integrated indoor cycling program
Elizabeth Garcia, Robert Stone, Teri Todd, Mai Jara, Taeyou Jung, Rosa Angulo-Barroso, Ashley Samson, Mayumi Wagatsuma & David Williams: The effects of a telehealth exercise program on balance, mobility, self-efficacy and adherence in individuals with Parkinson's disease
Krystn Orr, Viviane Grassmann, Virginia Wright, Amy McPherson, Guy Faulkner & Kelly Arbour-Nicitopoulos: Inclusive physical activity programs for children and youth with physical disabilities: A scoping review

Amber Room A
Mary Sweatman & Roxanne Seaman: The perspectives of the Acadia student volunteers regarding their S.M.I.L.E. experience
Geoffrey Meek - Dilemmas of difference in adapted physical activity: Student’s perceptions and reactions
Jennifer Leo & Donna Goodwin: ‘What about us?’ Bringing disability representation to the way we teach about disability

Prism Room
Tereza Vaščáková & Martin Kudláček: Halliwick concept of swimming and its influence on motoric competencies of children with severe disabilities
Brenda Jeng, Takuto Fujii, Michael Owens, Danica Tolentino, Mai Narasaki-Jara & Taeyou Jung: Aquatic walking in individuals post-stroke
Julie Wittmannová: Measuring quality of life and level of physical activity in elderly populations

4:00 – 5:00 p.m.
Quartz Room
NAFAPA Business Meeting
Beverages and Snacks
Greg Reid Graduate Poster Session
Wednesday, September 21st
Quartz Room, Matrix Hotel
6:00 - 7:30 p.m.

*Indicates graduate student presenter

2. Daehyoung Lee* & Rudolf Psotta: Effectiveness of motor learning intervention in children with developmental coordination disorder: A systematic review
3. Francisca Claveria*, Jenny Lou & David Collins: Interleaved neuromuscular electrical stimulation: A novel way to stimulate the quadriceps muscles
4. Kyla Collins*, Phil Esposito & Kerri Staples: Efficacy of sustained physical activity on physical fitness among children with intellectual and developmental disabilities
5. John Luu*, Kelvin Jones & David Collins: Decreased excitability of the nerve under the stimulating electrodes contributes to "fatigue" of electrically-evoked contractions
6. Kira Markus*, Jeena Bonutto, Mackenzie Vineyard, Angela Baleztena & Phil Esposito: Effectiveness of a technology based physical activity program in adults with intellectual disabilities
7. Andy Yao* & Deborah Shapiro: Exercise participation motives: Confirmatory factor analysis and validation methods feasibility case series
9. Gwang-Yeon Hwang*, Ronald Davis & Simon Driver: Affective experiences of injured military within different physical activity settings
10. Mara Nery-Hurwit* & Joonkoo Yun: A model of self-compassion and physical activity engagement for individuals with MS
12. Daniel Mikeška*, Ondřej Ješina, Martin Kudláček, Michal Kalman & Martin Kučera: The pilot verification of disHBSC study by students with visual impairment
15. Michaela Schenkelberg*: Associations between autism severity and motor competency, health-related physical fitness, and physical activity among individuals with ASD: A systematic review
1. Maureen Connolly, Kate Leman & Angela Jackson: 
   Exploring the ‘felt sense’ of alignment and sensation-perception connection in an isometric and movement education based exercise program for an adult participant with cerebral palsy
2. Melissa Bird, Caitlin Wheeler, Amanda Ebert, Bobbi Jo Atchison & Donna Goodwin: 
   See me for who I am
3. Cathy MacDonald & Paula Bush: 
   Physical activity promotion among adults with an intellectual disability: What do we know?
4. K. Nielsen & Jennifer Leo: 
   Recreation professionals perceptions of delivering inclusive services
5. Jihoun An: 
   Learning to teach students with disabilities: The impact of situated learning approach in APE course
6. Julie Wittmannová: 
   Special Olympics movement in the Czech Republic: 25 year of existence
7. Meghann Lloyd, Michael Crozier, John Foley & Viviene Temple: 
   A systematic review of the prevalence of overweight and obesity in adults with intellectual disabilities
8. Pauli Rintala, Viviene Temple, Meghann Lloyd, Chris Faro & John Foley: 
   Underweight and overweight among children and adults participating in Special Olympics in Europe
9. Jared Rehm, Adam Jagodinsky, Christopher Wilburn, Lorraine Smallwood, Taylor Wright, Jerrod Windham & Wendi Weimar: 
   Measuring volume of action for wheelchair basketball classification
10. Jared Rehm, Adam Jagodinsky, Christopher Wilburn, Lorraine Smallwood, Jerrod Windham, Taylor Wright & Wendi Weimar: 
    Measuring trunk stability for wheelchair basketball classification
11. John Foley, Viviene Temple, Pauli Rintala, Brooke Demarco & Meghann Lloyd: 
    Functional strength of adults participating in Special Olympics
12. Fabio Bertapelli, Jasmine Curtis, Benjamin Carlson, Ben Abadie, Marquell Johnson & Stamatis Agiovlasitis: 
    Accuracy of activity monitors in measuring steps in persons with Down syndrome
13. Jasmine Curtis, Benjamin Carlson, Fabio Bertapelli, Ben Abadie, Renee Culbertson, Marquell Johnson & Stamatis Agiovlasitis: 
    Physical activity levels of persons with Down syndrome as estimated with accelerometry by different cut-points
14. Justin Haegele, Xihe Zhu, Jihyun Lee & Lauren Lieberman: 
    Physical activity for adults with visual impairments: Impact of socio-demographic factors
15. Justin Haegele, Ali Brian & Lauren Lieberman: 
    Social cognitive theory determinants of physical activity in adults with visual impairments
16. Seung Yeon Park & Justin Haegele:
Generalization tactics to promote leisure-time physical activity for students with intellectual disabilities

17. Joslei Viana de Souza, Lauren Lieberman & Mey deAbreu van Munster:
Camp Abilities Brazil: An experience report

18. Luis Columna, Michael Norris, Suzanna Rocco Dillon, Kevin Heffernan & Tiago Barreira:
Physical activity experiences among families of children with visual impairments and blindness

19. Ondřej Ješina, Tomáš Vyhlídal, Martin Kudláček, Zbyněk Janečka, Martin Kučera, Daniel Mikeška, Julie Wittmannová & Lucie Ješinová:
Monitoring of the determinants affecting the lifestyle of children and youth with disabilities and long-term illness

20. Virpi Remahl, Pauli Rintala & Viviene Temple:
Physical fitness of Finnish Special Olympics athletes

21. Virpi Remahl, Viviene Temple & Pauli Rintala:
Concurrent validity of the two-minute step test

22. Victoria Woods & Susan Kasser:
Spousal support of physical activity in individuals with multiple sclerosis

23. Andrea Taliaferro & Sean Bulger:
A delphi investigation of adapted physical education practicum and recommendations for best practice

24. Bomna Ko, Boni Boswell & Seok Yoon:
Impact of active practicum in dance: Pre-service teachers’ experiences

25. Cathleen Edwards, Jennifer Leo, G. Shiu, S. Klein & C. Mandaric:
A pilot community outreach program igniting interest in ParaSports among grade 5 students

26. Jessica Hamm, Jill Pawlowski, Erin Siebert, Jennifer Beamer & Joonkoo Yun:
The effects of service learning program on acceptance of diversity

27. Kyoung June Yi, Matthew Patey & Eun-Young Lee:
Community-based experiential learning: A way of reflexive, transformative, and relational pedagogy in adapted physical activity

28. Maria Luiza Salzani Fiorini & Eduardo José Manzini:
Successful strategies for students of school inclusion with hearing disabilities in physical education classes

29. Michael Laughlin & Nathan Murata:
Effects of an adapted physical education training package on special education teacher instruction

30. Miyhe Jeong, Hyun-Kyoung Oh & So-Yeun Kim:
Pre-service physical educators’ perspectives on adapted physical education practicum experience
To get from the Matrix Hotel to the University, take the LRT from Corona Station to University Station. Board the LRT in the direction of Century Park. To return from the University to the Matrix take the LRT in the direction of either NAIT or Clareview. The LRT is accessible. The entrance of the Corona station closest to the Matrix has elevator access, as does the University station. When boarding the train look for the doors with blue buttons. When the blue button is pushed a small ramp sinks down to allow easier access to the train from the platform.
Map of the University of Alberta
North Campus
Program at a Glance

**Wednesday September 21, 2016**
3pm–5pm  Registration
5pm–6pm  Keynote Address
6pm–7:30pm  Student Poster Session & Reception

**Thursday September 22, 2016**
8:30am–9:10am  Building Sessions
9:20am–10:40am  Grad Student Presentations
10:40am–10:55am  Break & Snacks
10:55am–11:55am  Research Presentations
12pm–1pm  Lunch
1pm–1:50pm  Keynote Address
2pm–3:20pm  Research Presentations
3:20pm–3:35pm  Break & Snacks
3:35pm–4:15pm  Building Sessions
4:15pm–6pm  Travel to UAlberta, TSC Open House
6pm–6:45pm  Patricia Austin Award
7:00pm–8:30pm  Poster Session & Dinner

**Friday September 23, 2016**
8:20am–9:10am  Keynote Address
9:20am–10:40am  Research Presentations
10:40am–10:55am  Break & Snacks
10:55am–11:55am  Research Presentations
12pm–1pm  Lunch
1pm–1:50pm  Keynote Address
2pm–2:40pm  Building Sessions
2:40pm–2:50pm  Break
2:50pm–3:50pm  Research Presentations
4pm–5pm  NAFAPA Business Meeting