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Cover photo courtesy of Tourism Victoria
Welcome from the President and Co-Chairs

Dear members and delegates,

It is with pleasure that we welcome you all to the 16th scientific annual meeting for the International Society of Behavioral Nutrition and Physical Activity. It is the third time our annual meeting has been held in Canada (2003 in Québec; 2008 in Banff), and we are very excited to be hosting you all in the beautiful city of Victoria in British Columbia. Victoria is one of the most active cities in Canada, and is known for its dedication to healthy local cuisine. It is a wonderful place to present research on physical activity and healthy eating because it represents this approach in its culture and policies.

Our Conference Program strongly reflects our by-line of Advancing Behavior Change Science. We have 5 outstanding keynotes in the areas of physical activity and cancer, the psychology of nudging, implementation science, physical activity and nutrition in indigenous communities, and the use of new technologies to deliver and evaluate nutrition interventions.

In addition, special panel members will discuss the challenges and opportunities in implementing a sugar tax.

After listening to our delegates and members, we have made some changes to the program this year that we hope will improve the quality of presentations that will result in a better conference experience for everyone. For the first time, we have reduced the number of symposia on the program which resulted in a 70% acceptance rate and has opened up the program to more long and short oral presentations.

In previous years we have also received comments from delegates and members about the program placement of the Special Interest Group meetings. Therefore, for the first time we are holding the meetings consecutively across days, rather than concurrently in the one time slot. This will now allow members who belong to more than one SIG to attend more meetings. It does, however, mean that the SIG meetings will be competing with the oral presentations in the program. So, at the end of the conference, we welcome feedback from members about the placement of the SIG meetings.

Continued
Finally, one of the on-going challenges of holding a conference that ends on a Saturday afternoon is we often have a disappointing attendance for the keynote speaker on that day. So, for the first time we are trialling a panel discussion on the issue of sugar tax which will be open to members of the public. We hope that most of you can stay for this exciting finish to the conference!

As always there will be awards for best presentations and posters as well as 10 scholarships to assist delegates from low and middle income countries to attend the meeting. We congratulate all the award winners and welcome our scholarship recipients.

We would like to acknowledge and thank the conference Organising Committee, our Executive Director Antonio Palmeira, and Kat Duda from Venue West for doing such an outstanding job in creating an exciting meeting that incorporates the breadth of research interests of ISBNPA members and delegates. We would also like to say a huge thank-you to Professor Benedicte Deforche from the University of Ghent who has Chaired the ISBNPA Abstract Committee for an incredible six years and is now stepping down.

We wish you all a wonderful meeting and hope that you learn something new, enjoy catching up with old friends and make some new ones, and most importantly, have a great time.

Best wishes,

Alfred Deakin Professor Jo Salmon
ISBNPA President and Co-Chair

Professor Ryan Rhodes
Co-Chair
Welcome to Victoria

Victoria is located in the south of Vancouver Island, which is also the largest island off the West Coast of North America. The town is nestled between the mainland west coast of British Columbia and the northern coast of the Olympic Peninsula of Washington state. Bathing in the warm currents of the Pacific, with stunning views of the mountains and the ocean, dense forests, lush parks and beautiful stretches of shoreline, Victoria sparkles like a gem in the middle of some of the most spectacular scenery in the world. As an island destination, Victoria offers visitors an escape from the hurried world and beams with ambiance. In Victoria, heritage architecture, colourful gardens and traditions like afternoon tea are mixed with outdoor adventure, culinary experiences, cocktail and craft beer scenes.

Vancouver Island, where Victoria is located, is rated the TOP ISLAND in the Continental US and Canada and one of the BEST ISLANDS IN THE WORLD by the 2016 Conde Nast Traveler Readers’ Choice Survey.
Organising Committee

Co-Chairs:
Ryan Rhodes (University of Victoria, Canada)
Jo Salmon (ISBNPA President, Deakin University, Australia)

Committee members:
Mark Beauchamp (University of British Columbia, Canada)
Cristina Caperchione (University of British Columbia, Canada)
Mai Chin A Paw (VU University Medical Center, The Netherlands)
Trina Hinkley (ISBNPA Secretary, Deakin University, Australia)
Ralph Maddison (ISBNPA President-Elect, Deakin University, Australia)
Louise Masse (University of British Columbia, Canada)
Sarah McNaughton (Deakin University, Australia)
PJ Naylor (University of Victoria, Canada)
Joan Wharf Higgins (University of Victoria, Canada)
Stephen Wong (Chinese University of Hong Kong, Hong Kong)

ISBNPA Executive Director
António Palmeira (Universidade Lusófona and Universidade Lisboa, Portugal)

ISBNPA Executive Committee
Helen Elizabeth Brown (University of Cambridge, United Kingdom)
Sofie Compernolle (Ghent University, Belgium)
Benedicte Deforche (Ghent University, Belgium)
Catherine Draper (UCT/MRC Research Unit for Exercise Science and Sports Medicine, South Africa)
Trina Hinkley (Deakin University, Australia)
Jeroen Lakerveld (The EMGO Institute for Health and Care Research, Netherlands)
Nanna Lien (University of Oslo, Norway)
Jennifer Linde (University of Minnesota, United States of America)
Ralph Maddison (University of Auckland, New Zealand)
Rick Prins (University of Cambridge, Netherlands)
Jo Salmon (University of Deakin, Australia)
Corneel Vandelanotte (Central Queensland University, Australia)
   Wendy Van Lippevelde (Ghent University, Belgium)
Thank You To The Reviewers

The ISBNPA 2017 Abstract Review and Scientific Committees wish to acknowledge the abstract reviewers for the ISBNPA 2017 Annual Meeting. Their expertise is central to the quality of the meeting. Thank you for your invaluable contribution to the ISBNPA.

Marc Adams  
Teatske Altenburg  
Annie Anderson  
Odysseas Androutsos  
Tom Baranowski  
Cristina Barroso  
Elling Bere  
Stuart Biddle  
Filip Boen  
Sharmilah Booley  
Helen E Brown  
Laurien Buffart  
Adrian Cameron  
Greet Cardon  
Valerie Carson  
Sebastien Chastin  
Mai Chin A Paw  
Candice Christie  
Verity Cleland  
Stacy Clemes  
Mark Conner  
Kirsten Corder  
Peter Crocker  
Kirsten Davison  
Ilse De Bourdeaudhuij  
Bart De Clercq  
Katrien De Cocke  
Marieke De Craemer  
Stefaan De Henauw  
Anniza De Villiers  
Benedicte Deforce  
Tom Deliens  
Ann DeSmet  
Eva D’Hondt  
Melody Ding  
Scott Duncan  
Mitch Duncan  
David Dunstan  
Alexandra Evans  
Kelly Evenson  
Anita Eves  
Charlie Foster  
Sarah Foster  
Jayne Fulkerson  
Jennifer Gay  
Klaus Gebel  
Ariane Ghekiere  
Freja Gheyesen  
Gaston Godin  
Evangelia Grammatikaki  
Jessica Gubbels  
Leen Haerens  
Brook Harmon  
Sheri Hartman  
Erica Hinckson  
Trina Hinkley  
Jill Hnatiuk  
Deanna Hoelscher  
Robert Jeffery  
Quick Jiang  
Carlijn Kamphuis  
Neil King  
Knut-Inge Klepp  
Tracy Kolbe-Alexander  
Stef Kremers  
Salome Kruger  
Carl Lachat  
Jeroen Lakerveld  
Estelle Lambert  
Nanna Lien  
Sandrine Lioret  
Leah Lipsky  
Duncan Macfarlane  
Ralph Maddison  
Christophe Matthys  
Sarah McNaughton  
Lisa Miclesfield  
Josef Mitáš  
Sarah Moss  
Jorge Mota  
Kerry Mummery  
Claudio Nigg  
Anke Oenema  
Dana Olstad  
Jean-Michel Oppert  
Nina Cecilie Øverby  
Neville Owen  
António Palmeira  
Ron Plotnikoff  
Maartje Poelman  
T. Prewitt  
Rick Prins  
Nalini Ranjit  
John Reilly  
Nicola Ridgers  
Brian Saelens  
Jo Salmon  
Maria Paula Santos  
Julie Saunders  
Jasper Schipperijn  
Stephanie Schoeppe  
Simon Sebire  
Jan Seghers  
Shreela Sharma  
Amika Singh  
Ester Sleddens  
Albert Smith  
Ingrid Steenhuis  
Takemi Sugiyama  
Pedro Teixeira  
Megan Teychenne  
Debbie Thompson  
Lukar Thornton  
Anna Timperio  
Sylvia Titze  
Marilyn Townsend  
Gavin Turrell  
Jos Twisk  
Jelle Van Cauwenberg  
Frank van Lenthe  
Wendy Van Lippevelde  
Mireille Van Poppel  
Esther van Sluijs  
Corneel Vandelanotte  
Stefanie Vandevijvere  
Jenny Veitch  
Maïté Verloigne  
Roos Verstraeten  
Fröydis Vik  
Tommy Visscher  
Kathleen Watson  
Bente Wold  
Yong Zhu
Sponsors Listing

ISBNPA 2017 Annual Meeting was supported by a Dissemination Meeting grant from the Canadian Institutes of Health Research

Canadian Institutes of Health Research

At the Canadian Institutes of Health Research (CIHR), we know that research has the power to change lives. As Canada’s health research investment agency, we collaborate with partners and researchers to support the discoveries and innovations that improve our health and strengthen our health care system. HYPERLINK “http://www.cihr-irsc.gc.ca/” www.cihr-irsc.gc.ca

Silver Sponsors

Childhood Obesity Foundation and BC Children’s Hospital

The Childhood Obesity Foundation is a Canadian registered charity and a leading Canadian authority on issues related to childhood healthy weights. We promote childhood healthy weights through collaborative programs and initiatives such as Sip Smart, Mind, Exercise, Nutrition, Do It! (MEND), Appetite to Play and Living Green and Healthy - A Mobile Program for Youth and families.

BC Children's Hospital (BCCH) is a leader in general and specialized pediatric services, and is the province's foremost teaching and research facility for child health. BCCH supports childhood healthy weights from primary prevention to intervention and treatment through collaborative programs and initiatives such as Shapedown BC, Mind, Exercise, Nutrition, Do It! (MEND), and LIVE 5-2-1-0. For more information visit www.childhoodobesityfoundation.ca.
EPHE & the Faculty of Education
(School of Exercise Science, Physical & Health Education, University of Victoria)

As part of the Faculty of Education at the University of Victoria the School of Exercise Science, Physical and Health Education is home to strong undergraduate programs in the arts and sciences, research based and applied Master’s programs as well as a PhD program. For more Information visit www.uvic.ca/education/exercise/.

The Heart and Stroke Foundation of Canada (HSF)

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Life. We don't want you to miss it. That’s why Heart & Stroke leads the fight against heart disease and stroke. We must generate the next medical breakthroughs, so Canadians don't miss out on precious moments. Together, we are working to prevent disease, save lives and promote recovery through research, health promotion and public policy. For more information visit www.heartandstroke.ca.

Pal Technologies Ltd

PAL Technologies’ activPAL™ provides researchers with robust and objective measurement of free-living physical behaviors, providing the evidence for novel treatment approaches and interventions. The ability to determine time spent in the primary postures as well as time spent in activities including walking, running, cycling, and vehicular transportation, allows daily activity patterns to be clearly visualized and analyzed. The pocket-worn Activator™, with a battery life of a year, is a flexible long-term physical behavior monitor providing researchers with real-time upload of sedentary behavior and physical activity data via Bluetooth, enabling dynamic behavioral interventions to be monitored and adjusted from the cloud. For more information visit www.paltechnologies.com.
Camosun’s Centre for Sport & Exercise Education offers unique programs that integrate sport, fitness, rehabilitation, management, science and leadership. Our innovative degrees and diplomas provide students with applied learning opportunities in Athletic & Exercise Therapy, Sport & Fitness Leadership, Exercise & Wellness, Sport Management and Adventure Education. For more information visit www.camasun.ca/sported.

Fitabase offers a robust data management platform designed to help researchers remotely collect activity, weight, and nutrition information from their participants. As leaders in consumer wearable data systems, Fitabase has helped researchers and institutions around the world launch over 250 innovative studies and clinical trials. If you are interested in remotely collecting real-time activity, sleep, weight, and dietary data we’re here to help. For more Information visit www.fitabase.com.
Supporters

Keynote Sponsorship of Kerry Courneya
Michael Smith Foundation For Health Research

Aboriginal Workshop
Canadian Institutes of Health Research

Symposium Sponsor and Speaker Grant Sponsor
Symposium 6629: Sedentary Behavior Research Network – Terminology Consensus Project (Convenor: Prof. Mark Tremblay)

Ergotron

Scholarships and Awards for the Annual Meeting
Exhibition Floor Plan

Victoria Convention Centre, Level 1
Pre-Function 1A

Booth Listing:
#1 EPHE & the Faculty of Education
(School of Exercise Science, Physical & Health Education, University of Victoria)
#2 NutriKit
#3 Pal Technologies
#4 Child Obesity Foundation
#5 Canadian Society for Exercise Physiology
#6 Active Insight
#7 Fitabase
#8 BioMed Central
#9 DNAPower
Exhibitor Listing

**NESI – Network of Early Career Researchers and Students of ISBNPA**

Students and ECRs are welcomed to this corner to network and find specific NESI activities.

**EXHIBITOR 1**

**Activinsights**

Activinsights deliver patient lifestyle insight to medical practitioners, researchers and healthcare providers using accurate wearables. We build objective, lifestyle reports which provide invaluable information for both patients and professionals when planning effective interventions. Our technologies and data analysis approaches are supported by over 100 peer-reviewed scientific papers, in over 40 countries worldwide.

The global challenges of heart disease, respiratory diseases, obesity, diabetes and ageing populations are pushing countries to develop new models of healthcare provision. Lifestyle has a predominant impact across all these areas and objective measurement supports diagnosis, recovery, lifestyle management, behavior change programs and preventative healthcare strategies. For more information visit www.activinsights.com.

**EXHIBITOR 2**

**BioMed Central**

BioMed Central is an online STM publisher of more than 270 peer-reviewed, open access journals. Our portfolio of journals spans all areas of biology, biomedicine and medicine, including the *International Journal of Behavioral Nutrition and Physical Activity* and *Nutrition Journal*. All original research articles published by BioMed Central are made freely accessible online immediately upon publication, whilst authors retain copyright of their work. BioMed Central is owned by Springer Nature, and also hosts the SpringerOpen platform.
For fifty years, the Canadian Society for Exercise Physiology (CSEP) has been the resource for translating advances in exercise science research into the promotion of fitness, performance, and health outcomes for Canadians. Through its Gold Standard certifications, the Professional Standards Program sets the highest benchmarks for qualified exercise professionals through evidence-informed practice and certification. Fifty Years of Science to Practice in Canada. @CSEPdotCA, #CSEPturns50. For more information visit www.csep.ca.

The Childhood Obesity Foundation is a Canadian registered charity and a leading Canadian authority on issues related to childhood healthy weights. We promote childhood healthy weights through collaborative programs and initiatives such as Sip Smart, Mind, Exercise, Nutrition, Do It! (MEND), Appetite to Play and Living Green and Healthy - A Mobile Program for Youth and families.

BC Children's Hospital (BCCH) is a leader in general and specialized pediatric services, and is the province's foremost teaching and research facility for child health. BCCH supports childhood healthy weights from primary prevention to intervention and treatment through collaborative programs and initiatives such as Shapedown BC, Mind, Exercise, Nutrition, Do It! (MEND), and LIVE 5-2-1-0. For more information visit www.childhoodobesityfoundation.ca.
DNA Power Inc. provides DNA testing for diet, fitness and wellness to help people make better decisions about their everyday health. From a simple cheek swab, we provide easy-to-read personalized reports to help health practitioners work with their clients to make smarter health decisions grounded in personal genetic data. We can work with you to support research or client testing using genetic markers. dnaPower is a Canadian company and was one of the first to provide DNA testing for preventative health.

EPHE & the Faculty of Education
(School of Exercise Science, Physical & Health Education, University of Victoria)

The School of Exercise Science, Physical and Health Education (EPHE) is part of the Faculty of Education at the University of Victoria (https://www.uvic.ca/education/). The School delivers three undergraduate programs, five Master’s degree programs and a PhD in Kinesiology all offering an opportunity to shape futures by advancing knowledge and skills in the area of physical activity and health in the context of community, schools, work, or sport. To find out more about how to contribute to healthier people, healthier places and healthier society check us out at http://www.uvic.ca/education/exercise/
**Exhibitor Listing (Continued)**

**EXHIBITOR 7**  
**Fitabase by Small Steps Labs LLC**

Fitabase offers a robust data management platform designed to help researchers remotely collect activity, weight, and nutrition information from their participants. As leaders in consumer wearable data systems, Fitabase has helped researchers and institutions around the world launch over 250 innovative studies and clinical trials. If you are interested in remotely collecting real-time activity, sleep, weight, and dietary data we’re here to help. For more Information visit www.fitabase.com.

**EXHIBITOR 8**  
**NutriKit**

Nutrikit is a nutrition educational tool that helps provide dietary guidance to patients, clients and other audiences. Nutrikit contains real-sized images of food and beverages with portion and nutrition information indicated on the reverse side of each image. Additional materials which will make the experience of teaching and counseling fun and easy are also included in the kit.
PAL Technologies’ award winning activPAL™ is the researcher’s preferred choice for quantifying free-living sedentary, upright and ambulatory activities, providing the evidence to link sedentary behaviors to chronic disease risk. PAL’s Activator™ provides researchers with real-time feedback on sedentary behavior and physical activity, allowing dynamic behavioral interventions to be delivered. For more information visit www.paltechnologies.com.
Victoria Conference Center Floor Plan

Level 1

Catering Breaks, Exhibits, NESI Corner:
Pre-Function 1A

Breakouts:
Lecture Theatre, Oak Bay 1 & 2, Saanich 1 & 2, Esquimalt

Ad Hoc Meetings:
West Coast

Speakers’ Ready Room:
Sooke
Level 2

Catering Breaks, Catering Breaks,
Poster Sessions: Salon A
Keynote Sessions: Salon B & C
Breakouts: Salon B, Salon C, Colwood 1 & 2, Sidney
Ad Hoc Meetings: Metchosin, Langford
Downtown Victoria Map

Victoria Convention Centre 720 Douglas Street
Fairmont Empress Hotel 721 Government Street
Double Tree Hilton Hotel 777 Douglas Street
BC Royal Museum 675 Belleville Street
Crystal Garden 713 Douglas Street
General Information

Venue
Victoria Conference Centre (VCC)
720 Douglas St, Victoria, BC V8W 3M7
Tel: 250-361-1000
Fax: 250-361-1099

Registration
Registration for ISBNPA 2017 will take place in the Pre-Function 1A on Level 1 of the Victoria Conference Centre and will be open at the following times:
• Wednesday 7th June: 0730 hours – 1900 hours
• Thursday 8th June: 0730 hours – 1900 hours
• Friday 9th June: 0730 hours – 1900 hours
• Saturday 10th June: 0730 hours – 1700 hours

Exhibitions
• Thursday 8th June: 0900 hours – 1700 hours
• Friday 9th June: 0900 hours – 1700 hours
• Saturday 10th June: 0900 hours – 1400 hours

Coffee Breaks and Poster Sessions
• Thursday 8th June: 1100 hours – 1220 hours and 1630 hours – 1700 hours
• Friday 9th June: 1100 hours – 1220 hours and 1615 hours – 1645 hours
• Saturday 10th June: 1100 hours – 1200 hours

Lunches
• Thursday 8th June: 1300 hours – 1400 hours
• Friday 9th June: 1300 hours – 1400 hours
• Saturday 10th June: 1315 hours – 1415 hours

Social Events Tickets
Wednesday 7th June
Opening Reception at the BC Royal Museum from 1845 hours to 2100 hours

Friday 9th June
Gala Dinner at the Crystal Garden from 1800 hours to 2200 hours
There are a limited number of tickets available to purchase for the Gala Dinner. If you don't already have one, please see the staff at the Registration Desk as early as possible to purchase a ticket.
General Information (Continued)

Posters
Posters will be displayed in the Pre-Function 2A and Salon A on Level 2. Presenting authors are required to attend their posters during the appropriate poster session. Push pins to mount the posters will be attached to each poster board. Each poster will be allocated a poster board that corresponds to the abstract code number. Posters should be mounted and removed by the presenters themselves at the following times:

**Thursday 8th June – Poster Session 1:**
Mounted between 0800 and 0930 hours and removed between 1730 and 1800 hours. Poster Session 1 presenters should stand by their poster to discuss the content with delegates from 1100 to 1220 hours on Thursday 8th June.

**Friday 9th June – Poster Session 2:**
Mounted between 0800 and 0930 hours and removed between 1730 and 1800 hours. Poster Session 2 presenters should stand by their poster to discuss the content with delegates from 1100 to 1220 hours on Friday 9th June.

**Saturday 10th June – Poster Session 3:**
Mounted between 0800 and 0930 hours and removed between 1400 and 1515 hours. Poster Session 3 presenters should stand by their poster to discuss the content with delegates from 1100 to 1200 hours on Saturday 10th June.

*Any posters left on the boards at the end of each session will be removed by the organizers. Posters left at the end of the Meeting will be recycled.*

Internet Access
Delegates can access the wireless internet service throughout the VCC. To do so, please connect your device to wireless network: **Victoria Conference**
Upon launching your favorite Web browser, you will automatically be directed to the log in page. Select “ACCESS CODE” and enter the information as requested on the registration screen provided. **The code to enter is: ISBNPA2017**

Abstracts
The abstract book will be available in the meeting mobile app. Visit isbnpa.org website for instruction on how to download the app.

Message Board
Messages and updates for delegates will be published on a message board next to the Registration Desk as well as on screens around the VCC.
Social Media
Follow us on Twitter, Facebook and Instagram

International Society of Behavioral Nutrition and Physical Activity

Tweet about @ISBNPA
#ISBPNA2017

Speakers’ Ready Room
The Speakers’ Ready Room will be in the Sooke Room on Level 1 of the VCC. Speakers should visit this area, at least two hours prior to the start of their session, to upload their presentation to the network and to organize their materials. For sessions that commence at 0800 hours, speakers are requested to upload their presentation the day before. Technicians will be on hand in this area should speakers have any questions or require assistance. The room will be open at the following times:

- Wednesday 7th June: 1400 hours – 1700 hours
- Thursday 8th June: 0730 hours – 1800 hours
- Friday 9th June: 0730 hours – 1800 hours
- Saturday 10th June: 1200 hours – 1500 hours

Delegate Name Badges
For security purposes, delegate badges must be worn at all times. Some badges will have a coloured band at the bottom to denote different categories of attendee:
- ISBNPA Delegate .................................. plain badge
- Organising Committee .................... purple band
- ISBNPA Executive Committee . blue band
- Keynote Speaker .............................. green band
- SIG Leader .................................... grey band
- ISBNPA Fellow ............................... pink band
- IJBNPA Editorial Team ............... black band
- Exhibitor .................................. yellow band
- NESI ........................................ red band
- Day Delegate ................ orange/blue/turquoise band with specific day

General Assistance
If you have any queries, please go to the Registration Desk in the Pre-Function 1A. Our student helpers will be on hand to assist you at any time.
Useful Information

Banking Hours
Normal bank opening hours are Monday to Friday from 0900 to 1700 hours. Cash machines can be found on Douglas Street.

Business Centre
The VCC does not provide an on-site Business Centre, however most hotels do have computer/printers for hotel guests to make use of. If you require a couple of pages printed, then the VCC Client Services department will be able to assist you. For large printing jobs, we recommend Island Blue Print islandblue.com (10 minutes’ walk from the VCC).

Credit Cards
Most credit cards are accepted in Canada. However, we recommend having cash on hand if you are buying small items from smaller shops.

Currency
Currency exchanges are available at any Bureau de Change throughout the city and at all major Canadian airports including Victoria and Vancouver. Delegates can also exchange currency in most Victoria City Centre banks.

Language
The official language of the Meeting will be ENGLISH – there will be no simultaneous translation in Meeting sessions.

Mobile Phones
Out of courtesy to speakers and other delegates, mobile phones and pagers must be set to silent mode before entering sessions.

Parking
The VCC has parking available, subject to availability. The cost is $16.00 per day. The VCC is attached to the Fairmont Empress and across the street from the Hilton Double Tree hotel. Please visit the website for detailed information about car parking – www.victoriaconference.com.

Shopping
Whether you are just window shopping or on a major shopping spree in Victoria, you can browse quaint shops, local markets, shopping centres and department stores
to find your heart’s desire. Victoria offers everything from antiques to the wares of local artisans and the designs of the hippest trendsetters.

**Smoking**
British Columbia has banned smoking in all public spaces and workplaces including within a 3-metre radius of doors, open windows and air intakes.

**Telephones**
One public telephone for domestic and international calls is located inside the Victoria Conference Center.

**Transport**
Victoria is a very walkable and compact city. Many hotels and tourist attractions are within a 20-minute walk from the VCC. There are also good bus routes throughout the city. Buses are operated by BC Transit (www.bctransit.com/victoria/). Taxi service is another easy way to travel around Victoria.
Social Program

Wednesday 7th June
Opening Reception, 1845 – 2100 hours
BC Royal Museum, 675 Belleville St, Victoria, BC V8W 9W2
All registered delegates and registered accompanying guests are welcome. The Opening Reception of the conference will be held in the BC Royal Museum. The Reception will take place at the First Peoples and Modern History Galleries from 1845 to 2100 hours. The Opening Reception ticket is included with Full Registration.

Friday 9th June
Gala Dinner, 1800 – 2200 hours
Crystal Garden, 713 Douglas St, Victoria, BC V8W 3M6
Ticket required
Our Gala Dinner will be held from 1800 to 2200 hours at Crystal Garden, which is one of the most beautiful venues in Victoria.
Please note that the Gala Dinner ticket is not included in full registration and will be available for purchase during the registration process. Dress code: Smart/Casual.
ISBNPA Meetings

**Wednesday 7th June:**
- 0830 hours – 1530 hours  ISBNPA Executive Meeting, West Coast Room
- 1600 hours – 1700 hours  SIG Leaders Meeting, West Coast Room

**Thursday 8th June:**
- 1300 hours – 1400 hours  Lunch with a Professor, West Coast Room
- 1300 hours – 1400 hours  IJBNPA Editorial Board Meeting, Saanich Room
- 1900 hours – 2200 hours  NESI Dinner TBC
- 2000 hours – 2200 hours  Fellows Dinner, Vista 18 Restaurant, 740 Burdett Ave, Victoria, BC

**Friday 9th June:**
- 1300 hours – 1345 hours  Annual General Meeting of the ISBNPA Members, Lecture Theater

**Saturday 10th June:**
- 1315 hours – 1415 hours  ISBNPA 2018 Hong Kong Meeting, Langford Room

**NESI Program**

**Wednesday 7th June:**
- 1615 hours – 1645 hours  NESI Networking Moment in the Lecture Theatre: hear about the NESI committee, network with fellow ECRs/students or meet up with your buddy
- 1845 hours – 2100 hours Welcome Reception: meet at 1830 hours at the NESI Zone to walk to the reception together

**Thursday 8th June:**
- 1900 hours onwards  NESI Dinner: leaving at 1845 hours from the NESI Zone

**Friday 9th June:**
- 1800 hours – 2200 hours  Gala Dinner: sit/stand with fellow ECRs/students at the NESI table

**Meet the sponsors**

Come and talk to the sponsors without whom our Annual Meeting would not be possible. They will be available in Pre-Function 2A area during lunch breaks.
Stay Active!

Walk the Talk (or stretch or run or …)
June 8th, 9th and 10th, 0700 – 0745 hours

Morning physical activities led by local enthusiastic leaders. Please sign up for the activity of your choice at the Registration Desk.

1. **Not just a walk in the park**: Power through local Beacon Hill park trails or along downtown harbour paths for an active start to the day.

2. **Gotta run**: Discover the local running routes along Victoria’s coast at two pace levels – plodding and peppy.

   By 0700 hours, walkers and runners should rendezvous in the VCC lobby.

3. **Strike a Pose with Lululemon**: Get your day flowing with yoga led by Lululemon instructors. Mats are provided. 35 person maximum. Yoga will be held in the foyer area of Salon B. Due to limited space please sign up in advance at the Registration Desk.

**Thursday 8th June: Sweat Equity Charity Event Sponsored by Frontrunners & Lululemon**

Entry by a $10 donation and/or used but clean running/walking/exercise shoes. Rendezvous in the Empress Hotel Rose Garden at 1845 hours for the fun run and 1930 hours for yoga.

Join ISBNPA delegates as we exercise our passion and take steps to help those less fortunate in a 2.5K walk or 6K fun run followed by yoga to benefit Victoria’s ‘Runners for Compassion’ and ‘Shoes for Youth’ charities. If weather conditions require us to move indoors, yoga will be held in Salon B foyer.
Other Downtown Physical Activity Opportunities

- Bike rentals –
  - Bike Tours Victoria http://www.biketoursvictoria.com/
  - Victoria Cycle https://victoria.cyclebc.ca/
  - North 48 http://north48bikes.com/
  - The Pedaler http://thepedaler.ca/
  - Transit Cycle http://www.transitcycle.ca/
- Stand Up Paddleboard - http://www.supvic.ca/

“Most Actively Engaged” Award

After a successful launch in 2016, the ISBNPA “most actively engaged” award is back. A panel of judges will rate the best photos of delegates getting involved with all the activities we have to offer at the conference. Last year’s winner was a delegate doing squats and stretches in front of the posters!

MEND (Mind, Exercise, Nutrition… Do it!)

A community-based, evidence-based program for families with children who are departing the healthy weight trajectory. Visit our booth and attend our poster presentation to learn from our experience with scaling up, implementing, evaluating and recruiting for MEND.

childhoodobesityfoundation.ca
phsa.ca
bchealthykids.ca
## Planned SIG Activities for the Conference

<table>
<thead>
<tr>
<th>SIG</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Socioeconomic Inequalities</strong></td>
<td>The Socioeconomic Inequality SIG will hold a structured discussion around a topic of interest to their SIG members. SIG members will be surveyed shortly before the conference to lock in the topic(s).</td>
</tr>
</tbody>
</table>
| **Cancer Prevention and Management** | The Cancer Prevention and Management SIG will: 1. Provide an update of SIG activities  
2. Introduce new members  
3. Facilitate brief pitches of top SIG posters, followed by a group content discussion, and ECR awards  
4. Meet with expert and keynote speaker Prof. Kerry Courneya. |
| **Early Care and Education**       | The Early Care and Education SIG will facilitate two main activities: 1. “Speed Networking” where SIG members will have the opportunity to learn more about others in this group and to stimulate networking and collaborations through brief, facilitated conversations with several other members.  
2. A discussion moderated by Dr Teatske Altenburg will be held to support a Delphi study around “Core Outcome Set for school-based interventions targeting prevention of childhood overweight/obesity”. |
| **Children and Families**          | The Children and Families SIG will facilitate two main activities: 1. Panel discussion: A panel of researchers who have done behavioral interventions in children and families will talk about their work and interact with SIG members.  
2. Award presentations: SIG abstract award finalists will give a 3-minute presentation of their work, and then the winners will be announced.  
There will also be some time for a meet-and-greet, and soliciting new officers. |
| **e- & m-Health**                  | The e- & m-Health SIG will facilitate two main activities: 1. A guest presentation on "Artificial intelligence": How can artificial intelligence improve physical activity and nutrition interventions?  
2. An interactive showcase of a number of apps, website and tech-based interventions developed by SIG members.  
The SIG will also announce winner of the best e- & mHealth publication for 2016, as well as the finalists for the conference podium and poster awards. |
<table>
<thead>
<tr>
<th><strong>SIG</strong></th>
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<tbody>
<tr>
<td><strong>Implementation and Scalability</strong></td>
<td>The Implementation and Scalability SIG will hold its first meeting at the 2017 Victoria conference. This SIG focuses on the understanding of implementation, translation, scale-up and sustainability. Implementation science in the field of physical activity, nutrition and sedentary behaviors is relatively new and set to grow as the need to understand how implementation, scalability and sustainability can be promoted and evaluated. We aim to build a multidisciplinary community of ISBNPA members to discuss, disseminate evidence and promote networking and collaboration on issues related to implementation and translation research. The SIG will organise an interactive session that will allow you to meet and engage with fellow researchers, and forge new ideas and collaborations.</td>
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<tr>
<td><strong>Policies &amp; Environments</strong></td>
<td>The Policies &amp; Environments SIG will organize a researcher networking event.</td>
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<tr>
<td><strong>Theories of Motivation</strong></td>
<td>The Theories of Motivation SIG session will consist of a series of short presentations by leading experts in behavior change and motivation on the recent advances in developing theory and evidence-based lifestyle interventions. For instance, Dr. Jennifer LaGuardia, a leading expert in Self-Determination Theory and its applications to real-world interventions in health care and wellness, will give a brief presentation on how to cultivate high-quality and lasting motivation for healthy living using the tools and strategies from Self-Determination Theory, from her recently published manual “SDT in Practice: How to Create an Optimally Supportive Health Care Environment”. These presentations will be followed by a roundtable discussion and Q&amp;A with the audience.</td>
</tr>
</tbody>
</table>
| **Ageing**                       | The Ageing SIG will:  
1. Introduce the leadership group and outline their roles to the members during the conference.  
2. Describe and plan an open science activity for the year ahead. Input will also be sought for activities for the upcoming year.  
3. Organize a networking session (main event) in small groups with SIG members. |
### Wednesday, 7th June: Program Overview

#### FULL DAY Workshops and Business Meetings

<table>
<thead>
<tr>
<th>Room Name</th>
<th>Oak Bay 1</th>
<th>Oak Bay 2</th>
<th>Saanich 2</th>
<th>Westcoast</th>
<th>Lecture Theatre</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:30-10:00</td>
<td>09:00 FULL DAY # 1 ISBNPA Early Career Researcher workshop</td>
<td>09:00 FULL DAY # 2 Stepping into compositional analysis of activity data: A practical step by step guide to analysing your activity or nutritional data using compositional analysis techniques</td>
<td>09:00 FULL DAY # 3 Assessing nutrition and physical activity environments in Early Care and Education (ECE) settings: A workshop on using the Environment and Policy Assessment and Observation (EPAO) Tools</td>
<td>ISBNPA Executive Committee Meeting</td>
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<td>10:00-10:30</td>
<td>Refreshment Break, Pre-Function 1A and 2A</td>
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<td>10:30-12:00</td>
<td>FULL DAY # 1 Continued</td>
<td>FULL DAY # 2 Continued</td>
<td>FULL DAY # 3 Continued</td>
<td>ISBNPA Executive Committee Meeting Continued</td>
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<tr>
<td>12:30-14:30</td>
<td>FULL DAY # 1 Continued</td>
<td>FULL DAY # 2 Continued</td>
<td>FULL DAY # 3 Continued</td>
<td>ISBNPA Executive Committee Meeting Continued</td>
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<td>14:30-15:00</td>
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<tr>
<td>15:00-16:00</td>
<td>FULL DAY # 1 Continued</td>
<td>FULL DAY # 2 Continued</td>
<td>FULL DAY # 3 Continued</td>
<td>Executive Meeting Continued</td>
<td>SIG Leaders Meeting 16:00-17:00 NIESI meeting 16:15–16:45</td>
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#### Evening Program

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<thead>
<tr>
<th>Room Name</th>
<th>Salon B</th>
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<tr>
<td>17:00-17:20</td>
<td>Conference Opening</td>
<td>(Salon B &amp; C)</td>
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<tr>
<td>17:20-18:30</td>
<td>Keynote Session # 1 Prof. Lucie Lévesque</td>
<td>Truth and reconciliation in research: Physical activity interventions with Indigenous communities</td>
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<tr>
<td>18:45-21:00</td>
<td>Opening Reception at the BC Royal Museum</td>
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<td>Saanich 1</td>
<td>Sidney</td>
<td>Colwood 1</td>
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<tr>
<td><strong>HALF DAY # 1</strong></td>
<td><strong>HALF DAY # 5</strong></td>
<td><strong>HALF DAY # 2</strong></td>
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<tr>
<td>Making e-/mHealth work in the real world: Lessons from industry and academia</td>
<td>Utilising social networks for behavior change in complex interventions</td>
<td>Grasping physical activity: Using 3D printers to visualize physical activity</td>
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<tr>
<td><strong>HALF DAY # 1</strong> Continued</td>
<td><strong>HALF DAY # 5</strong> Continued</td>
<td><strong>HALF DAY # 2</strong> Continued</td>
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<td><strong>HALF DAY # 8</strong></td>
<td><strong>HALF DAY # 3</strong></td>
<td><strong>HALF DAY # 10</strong></td>
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<tr>
<td>Designing and evaluating physical activity interventions for people with mental health issues</td>
<td>Mobile methods for dietary assessment: Image-assisted and image-based dietary assessment methods</td>
<td>Prescribing walking for health benefit</td>
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<td><strong>HALF DAY # 8</strong> Continued</td>
<td><strong>HALF DAY # 3</strong> Continued</td>
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### Thursday, 8th June: Program Overview

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<tr>
<th>Room Name</th>
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<th>Oak Bay 1 &amp; 2</th>
<th>Lecture Theatre</th>
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<tbody>
<tr>
<td>08:30–09:45</td>
<td><strong>S.01</strong> 6560: Adapting research-tested childhood obesity interventions for community implementation: Process and outcomes (Convenor: Dr Paul Estabrooks)</td>
<td><strong>S.07</strong> 6480: Global Matrix 2.0: Insights from report card grades on the physical activity of children and youth from low-, middle-, and high-income countries (Convenor: Prof. Mark Tremblay)</td>
<td><strong>S.03</strong> 6494: Incentivising healthy eating, physical activity and reduced sitting: Advancing understanding of appeal, acceptability, and costs (Convenor: Dr Megan Teychenne)</td>
<td><strong>S.04</strong> 5440: Using consumer activity trackers in research – latest evidence regarding validity, feasibility and efficacy for supporting behavior change (Convenor: Dr Carol Maher)</td>
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<td>09:45–10:00</td>
<td><strong>Transition Break</strong></td>
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<tr>
<td>10:00–11:00</td>
<td><strong>Keynote Session # 2</strong> (Salon B &amp; C) Prof. Cliona Ni Mhurchu ‘Reducio’: The magical potential of new technologies to deliver and evaluate nutrition interventions</td>
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<tr>
<td>11:00–12:20</td>
<td><strong>Refreshment Break, Pre-Function 1A and 2A</strong> Poster Session, Salon A</td>
<td><strong>Refreshment Break, Pre-Function 1A and 2A</strong> Poster Session, Salon A</td>
<td><strong>Refreshment Break, Pre-Function 1A and 2A</strong> Poster Session, Salon A</td>
<td><strong>Refreshment Break, Pre-Function 1A and 2A</strong> Poster Session, Salon A</td>
</tr>
<tr>
<td>12:20–13:00</td>
<td><strong>S0.01</strong> Physical activity interventions in adults</td>
<td><strong>S0.06</strong> Sleep, physical activity and sedentary behavior in children</td>
<td><strong>S0.03</strong> Physical activity and nutrition in children</td>
<td><strong>S0.04</strong> Food environment and marketing in children</td>
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<tr>
<td>13:00–14:00</td>
<td>Lunch, Pre-Function 1A and 2A</td>
<td>Lunch, Pre-Function 1A and 2A</td>
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<td>Lunch, Pre-Function 1A and 2A</td>
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<tr>
<td>14:00–15:00</td>
<td><strong>Keynote Session # 3</strong> (Salon B &amp; C) Prof. Kerry Courneya Physical activity behavior change interventions in cancer survivors: What’s cancer got to do with it?</td>
<td><strong>Keynote Session # 3</strong> (Salon B &amp; C) Prof. Kerry Courneya Physical activity behavior change interventions in cancer survivors: What’s cancer got to do with it?</td>
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<td>15:15–16:30</td>
<td><strong>S0.01</strong> Measurement of physical activity, sedentary behavior and diet</td>
<td><strong>S0.06</strong> Marketing and advertising in children and adolescents</td>
<td><strong>S0.03</strong> Health promotion in people with chronic disease</td>
<td><strong>S0.04</strong> Determinants physical activity &amp; sedentary behavior in children</td>
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<tr>
<td>16:30–17:00</td>
<td><strong>Refreshment Break, Pre-Function 1A and 2A</strong></td>
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<td><strong>Refreshment Break, Pre-Function 1A and 2A</strong></td>
<td><strong>Refreshment Break, Pre-Function 1A and 2A</strong></td>
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<tr>
<td>17:00–18:15</td>
<td><strong>S0.09</strong> 6447: Moving towards positive mental health: Exploring the global utility of physical activity to promote psychological well-being and understanding causation (Convenor: Prof. Stuart Biddle)</td>
<td><strong>S1.14</strong> 6440: Is it time to change how we talk about fussy eating? (Convenor: Dr Rebecca Byrne)</td>
<td><strong>S1.11</strong> 6462: Determinants of sedentary behavior through the life course: Insights and advances from DEDIPAC (Convenor: Prof. Sebastien Chastin)</td>
<td><strong>S1.12</strong> 5456: Utilizing mixed methods in childhood obesity research: Ecological momentary assessment, video-recorded family meals, and projective interviews (Convenor: Dr Jenica Berge)</td>
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<tr>
<td>Sidney</td>
<td>Colwood 1 &amp; 2</td>
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<td>S.05</td>
<td>6448: Is it important to ‘gender-sensitise’ interventions to improve diet and physical activity behaviors in men? Experiences from three continents (Convenor: Prof. Kate Hunt)</td>
<td>S.06 6452: Changing diet from adolescence to early adulthood: Understanding trajectories and exploring effective interventions (Convenor: Dr Tarra Penney)</td>
<td>S.08 6552: What do fathers think? The role of fathers in the dietary and activity behaviors of their young children (Convenor: Adam Walsh)</td>
<td>S.02 6620: Intensity &amp; sustainability in multi-level multi component community programs – insights from 3 continents (Convenor: Dr Bent Egberg Mikkelsen)</td>
</tr>
</tbody>
</table>

**IJBNPA Editorial Board Meeting**

S0.05 e- & m-Health to promote physical activity

S0.02 Food environments and dietary behaviors in adults

S0.07 Physical activity, sedentary behavior and diet in children

S0.08 Sedentary behavior in adults

S0.09 Implementation and evaluation of health promotion programs

**O.05 Innovative dietary assessment tools**

**O.02 Physical activity & sedentary behavior in young people from various populations**

**O.07 Healthy mums and dads**

**O.08 Socio-economic status: Links with nutrition and physical activity**

**SIG2 Implementation & scalability**

**S.13 5455: Maintenance of behavior change: Theories, trials and tribulations (Convenor: Dr Ruth Hunter)**

**S.10 6537: Advocacy readiness, technical assistance, and health equity in a grassroots advocacy initiative targeting state and local policies to prevent childhood obesity in the USA (Convenor: Dr Amy L. Yaroch)**

**S.15 6665: Tackling disparities in diet quality and obesity risk: Synthesizing methods, what can we learn from observational studies, trials, and policy approaches? (Convenor: Dr Shirley Beresford)**

**S.16 6541: Physical activity parenting: Measurement, intervention design and strategies to optimise effectiveness (Convenor: Dr Elaine Murtagh)**

**SIG3 Policies & environments**

1st Floor  2nd Floor
<table>
<thead>
<tr>
<th>Room Name</th>
<th>Salon B</th>
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<th>Oak Bay 1 &amp; 2</th>
<th>Lecture Theatre</th>
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<tbody>
<tr>
<td>08:00-09:15</td>
<td>S.17 5441: How does physical activity determine cognitive performance and learning across the lifespan? (Convenor: Dr Hieronymus Gijswelaers)</td>
<td>S.23 6502: Strong culture, healthy lifestyles: A global perspective of conducting research with Indigenous populations (Convenor: Dr Rebecca Stanley)</td>
<td>S.19 5448: Understanding sitting: The psychology of sedentary behavior (Convenor: Prof. Mai Chin A Paw)</td>
<td>S.20 6557: Nutrition Smartphone Apps: An effective approach to improving healthy eating behaviors (Convenor: Mavra Ahmed)</td>
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<tr>
<td>09:15-09:20</td>
<td>Transition Break</td>
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<td>Student Invited Talk Melissa Horning (see pg 44)</td>
<td>Early Career Invited Talk Dr Valerie Carson (see pg 44)</td>
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<td>09:20-09:50</td>
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<td>09:50-10:00</td>
<td>Transition Break</td>
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<tr>
<td>10:00-11:00</td>
<td>Keynote Session # 4 (Salon B &amp; C) Prof. Paul Estabrooks Dissemination, implementation, knowledge translation, and scale-up of nutrition and physical activity interventions in the pursuit of a public health impact</td>
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<tr>
<td>11:00-12:20</td>
<td>Refreshment Break, Pre-Function 1A and 2A Poster Session, Salon A</td>
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<tr>
<td>12:20-13:00</td>
<td>S.0.15 Physical activity and sedentary behavior environments in children</td>
<td>S.0.12 Dietary and physical activity interventions in children and youth</td>
<td>S.0.11 Physical activity environments in adults</td>
<td>S.0.13 Nutrition social environment in youth</td>
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<tr>
<td>13:00-14:00</td>
<td>Lunch, Pre-Function 1A and 2A Annual General Meeting of the ISBNPA Members, Lecture Theatre</td>
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<tr>
<td>14:00-15:00</td>
<td>Keynote Session # 5 (Salon B &amp; C) Prof. Denise de Ridder Healthy living made easier: The psychology of nudging</td>
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<td>15:00-15:15</td>
<td>Transition Break</td>
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<td>16:30-17:00</td>
<td>Refreshment Break, Pre-Function 1A and 2A</td>
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<tr>
<td>17:00-18:15</td>
<td>O.23 Sleep, physical activity, sedentary behavior and nutrition</td>
<td>O.18 Primary school physical activity and sedentary behavior and interventions</td>
<td>O.19 Physical activity, sedentary behavior and mental health</td>
<td>O.20 Measurement and analysis of physical activity and sedentary behavior</td>
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<tr>
<td>19:00-22:00</td>
<td>Gala Dinner at Crystal Garden</td>
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## Conference Schedule

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>08:00</td>
<td>Pre-Function 1A and 2A</td>
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<tr>
<td>09:00</td>
<td>Annual General Meeting of the ISBNPA Members, Lecture Theatre</td>
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<tr>
<td>09:15</td>
<td>Lunch</td>
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<td>Keynote Session # 4     (Salon B &amp; C) Prof. Paul Estabrooks</td>
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<tr>
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<td>Keynote Session # 5     (Salon B &amp; C) Prof. Denise de Ridder</td>
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<tr>
<td>11:00–11:30</td>
<td>Student Invited Talk Jelle Van Cauwenberg (see pg 44)</td>
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<tr>
<td>11:30–12:00</td>
<td>Early Career Invited Talk Dr Samantha Harden (see pg 44)</td>
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<tr>
<td>12:20</td>
<td>Lunch</td>
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<td>13:00–14:00</td>
<td>Poster Session, Pre-Function 1A and 2A</td>
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<td>14:00–15:00</td>
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<td>18:15–22:00</td>
<td>Gala Dinner at Crystal Garden</td>
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### Session Tables

<table>
<thead>
<tr>
<th>Session</th>
<th>Title</th>
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<tbody>
<tr>
<td><strong>SIG4</strong></td>
<td>Cancer prevention and management</td>
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<tr>
<td><strong>SIG5</strong></td>
<td>E &amp; M-Health</td>
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<td><strong>SIG6</strong></td>
<td>Theories of Motivation</td>
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<tr>
<th><strong>Session 1</strong></th>
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<tr>
<td>S.21</td>
<td>S.22</td>
<td>S.24</td>
<td>S.18</td>
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<tr>
<td>6459:</td>
<td>6524:</td>
<td>5444:</td>
<td>5437:</td>
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<tr>
<td>ParticipACTION</td>
<td>Food environments in low-resourced areas: Assessing alternatives to improving access to healthy options</td>
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<td>after 5 years:</td>
<td>Assessing alternatives to improving access to healthy options (Convenor: Dr Chelsea Singleton)</td>
<td>Physical activity in children (Convenor: Prof. John Reilly)</td>
<td>Complex system modelling for behavior interventions: Learning from experience (Convenor: Dr Ruth Hunter)</td>
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<td>Physical activity and sedentary behavior in people with chronic disease</td>
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<td>S.14</td>
<td>S.10</td>
<td>S.16</td>
<td>S.17</td>
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<tr>
<td>Methods in nutrition and physical activity</td>
<td>Perinatal health behaviors and weight management</td>
<td>Physical activity in preschoolers</td>
<td>Weight management in adults</td>
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<tr>
<td>S.13</td>
<td>S.16</td>
<td>S.15</td>
<td>S.12</td>
</tr>
<tr>
<td>Dietary interventions in adults</td>
<td>Longitudinal studies of children’s physical activity, sedentary behavior and nutrition</td>
<td>Home environment and parental influence on children’s health behaviors</td>
<td>Adults physical activity and sedentary behavior</td>
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<td>S.24</td>
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<td>S.21</td>
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<td>Play-a day a year opportunity for physical activity in children (Convenor: Prof. John Reilly)</td>
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<td>Food environments in low-resourced areas: Assessing alternatives to improving access to healthy options (Convenor: Dr Chelsea Singleton)</td>
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<tr>
<td>Complex system modelling for behavior interventions: Learning from experience (Convenor: Dr Ruth Hunter)</td>
<td>Nutrition and weight management in people with chronic disease</td>
<td>Understanding the impact of smartphone Apps: An effective approach to improving healthy eating behaviors</td>
<td>Participants’ perspectives of participACTION after 5 years: Assessing impact on the promotion of physical activity and the behavior of Canadians (Convenor: Prof. Guy Faulkner)</td>
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### Session Locations

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<tr>
<td>Room Name</td>
<td>Salon B</td>
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<td>08:30-09:45</td>
<td><strong>S.37</strong>&lt;br&gt;657: Does the intervention even exist in the first place? Linking implementation quality with outcomes in process evaluation (Convenor: Dr Thomas Skovgaard)</td>
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<tr>
<td>09:45-10:00</td>
<td>Transition Break</td>
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<td>10:00-11:00</td>
<td><strong>O.25</strong>&lt;br&gt;Active transport in children and youth</td>
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<tr>
<td>11:00-12:00</td>
<td>Refreshment Break, Pre-Function 1A and 2A</td>
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<tr>
<td>12:00-13:15</td>
<td><strong>S.28</strong>&lt;br&gt;6611: Man or machine? How far are we in the field of smart devices for dietary data collection &amp; analysis (Convenor: Dr Bent Egberg Mikkelsen)</td>
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<tr>
<td>13:15-14:15</td>
<td>Lunch, Pre-Function 1A and 2A</td>
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<tr>
<td>14:15-15:30</td>
<td><strong>S.41</strong>&lt;br&gt;6535: Lessons learned in translating physical activity evidence for chronic diseases (Convenor: Dr Maureen Ashe)</td>
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<td>15:30-15:45</td>
<td>Transition Break</td>
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<tr>
<td>15:45-16:15</td>
<td>Closing Ceremony, Salon B &amp; C</td>
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<tr>
<td>16:15-17:30</td>
<td><strong>Keynote Session # 6 (Salon B &amp; C)</strong>&lt;br&gt;Dr Shu Wen Ng, Dr Tom Warshawski, Dr Harry Rutter&lt;br&gt;Free Public Panel: Taxing Sugary Drinks&lt;br&gt;Should we or shouldn’t we?: Evidence, challenges and lessons learned from implementing a sugar tax</td>
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<td>Sidney</td>
<td>Colwood 1 &amp; 2</td>
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<td><strong>S.33</strong></td>
<td><strong>6572:</strong> The teachable moment for behavior change in cancer care settings – myth or opportunity? (Convenor: Caroline Kampshoff)</td>
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<td><strong>O.29</strong></td>
<td>Dietary interventions in preschoolers</td>
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<td><strong>S.32</strong></td>
<td><strong>6465:</strong> Lifestyle interventions during pregnancy: A window of opportunity or a lost cause? (Convenor: Prof. Mireille van Poppel)</td>
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<td><strong>S.31</strong></td>
<td><strong>START 15 MIN EARLIER</strong> 6563: The socioeconomic impacts of policy change: contrasting examples of how policy affects inequality (Convenor: Dr Elizabeth Ablah)</td>
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<td><strong>SIG7</strong></td>
<td>Early care &amp; Education (START AT 8:15)</td>
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**1st Floor**  | **2nd Floor**  | **ISBNPA 2017**  | **37**
Keynote Speakers

We have 8 outstanding keynote speakers who have agreed to present at the ISBNPA 2017 Annual Meeting.

Kerry Courneya (University of Alberta, Canada)

**Physical activity behavior change interventions in cancer survivors: What’s cancer got to do with it?**

Kerry S. Courneya, Ph.D., is a Professor and Canada Research Chair in Physical Activity and Cancer at the University of Alberta in Edmonton, Canada. He received his B.A. (1987) and M.A. (1989) in Kinesiology from Western University (London, Canada) and his Ph.D. (1992) in Kinesiology from the University of Illinois (Urbana-Champaign). He spent five years at the University of Calgary before moving to the University of Alberta in 1997. Prof. Courneya’s research program focuses on physical activity and cancer survivorship including how exercise may help cancer survivors prepare for treatments, cope with treatments, recover after treatments, and extend long term survival.

His research interests include studying:

1. The effects of exercise on patient-reported outcomes, health-related fitness outcomes, and cancer outcomes
2. The determinants of exercise in cancer survivors
3. Behavior change interventions to promote exercise in cancer survivors.

Denise de Ridder (Utrecht University, Netherlands)

**Healthy living made easier: The psychology of nudging**

Denise de Ridder is a Professor of health psychology at Utrecht University and Director of the self-regulation lab (www.selfregulationlab.nl). My research has been driven by the broad question of how people are able to regulate their own thoughts, actions, and emotions. Specifically, my associates and I have addressed questions related to the role of self-control, goal setting, planning, and
emotion regulation in the achievement of personal goals in several personally relevant domains including health behavior. Across these diverse themes, my research has increasingly emphasized the interplay between impulsive and reasoned processes, which has become my main focus of research. An important area of research is nudging (choice architecture) that speaks to fast and intuitive thinking people typically engage in when deciding about health behavior.

Paul Estabrooks (University of Nebraska Medical Centre, USA)  
**Dissemination, implementation, knowledge translation, and scale-up of nutrition and physical activity interventions in the pursuit of a public health impact**

Paul Estabrooks, Ph.D., is a Professor and the Harold M. Maurer Distinguished Chair of Public Health at the University of Nebraska Medical Center. He received his B.Sc. (1994-Physical Education) and M.Sc. (1996-Kinesiology) from the University of Calgary and his Ph.D. (1999) in Kinesiology from the University of Western Ontario. Dr Estabrooks has spent his career in research positions that are integrated within community and health care organizations and has collaborated with health-service professionals to develop scalable and sustained interventions adapted from evidence-based principles—including work with Kansas Research and Extension (1999-2003), Kaiser Permanente-Colorado (2003-2007), Virginia Tech/Carilion Clinic (2007-2016), and the University of Nebraska Medical Center.

His research focuses on understanding appropriate metrics to capture public health impact and examine progress towards health equity as it relates to physical activity, nutrition, and weight control. He currently is leading projects that focus on:

1. Systems change to support identification and engagement of patients for referral to weight loss interventions that can lead to, and sustain, clinically meaningful weight loss.
2. Methods to increase participation of populations experiencing health disparities in community-based weight loss programs.
3. Understanding implementation features that promote the use of adaptations of the Diabetes Prevention Program Lifestyle Intervention.
4. Effective health professional training approaches to promote the adoption, implementation, and sustainability of nurse coordinator facilitated weight loss.
Lucie Lévesque (Queens University, Canada)

Truth and reconciliation in research: Physical activity interventions with Indigenous communities

Lucie Lévesque, Ph.D. is a Professor in the School of Kinesiology and Health Studies at Queen’s University (Kingston, Ontario). Her research program, which has been mainly funded by the Canadian Institutes of Health Research for the past 15 years, focuses on investigating physical activity and health promotion interventions, programs, practices, and policies in partnership with Indigenous peoples in Canada. A long-time member of the Kahnawake Schools Diabetes Prevention Project (KSDPP) research team, Dr Lévesque’s work is founded on community engagement for the production and dissemination of action-oriented knowledge. Her research encompassing both Indigenous and mainstream/Western science approaches has informed the ways in which respectful and relevant research is conducted with Indigenous communities in Canada (e.g., KSDPP Code of Research Ethics; Canada’s Tri Council Policy Statement 2: Module 9 - Research Involving the First Nations, Inuit and Métis Peoples of Canada).

Cliona Ni Mhurchu (Auckland University, New Zealand)

‘Reducio’: The magical potential of new technologies to deliver and evaluate nutrition interventions

Cliona is a Professor of Population Nutrition at the National Institute for Health Innovation, University of Auckland. Her research program examines the impact of population-level dietary interventions and policies, including food taxes/subsidies, front-of-pack nutrition labelling, healthier food reformulation, and restrictions on food marketing to children. Her current studies use a range of innovative technologies to deliver or evaluate interventions, including smartphone apps, a virtual supermarket, scanner sales data, and automated wearable cameras. Cliona is Director of the “Dietary Interventions: Evidence & Translation” (DIET) 5-year research program, and is Deputy Director of the Healthier Lives National Science Challenge.
FREE PUBLIC PANEL: TAXING SUGARY DRINKS – SHOULD WE OR SHOULDN’T WE?
Evidence, challenges and lessons learnt from implementing a sugar tax

Shu Wen Ng (University of North Carolina, USA)

Dr Ng studies individual and household-level decisions about diet and activity behaviors made under monetary, time and biological constraints, within a broader environmental and policy context, and their resultant health impacts (focusing on obesity and nutrition-related chronic diseases). Dr Ng uses interdisciplinary tools and approaches from economics, public policy, epidemiology, sociology and psychology, applying a variety of quantitative methods. Dr Ng is involved in several studies that use ‘big-data’ on household food and beverage purchases alongside dietary intake and nutrition databases. She has used these data to evaluate several voluntary industry initiatives, as well as how regulatory policies such as taxation, quotas or nutrition labeling may impact consumer purchases, diet and nutritional outcomes, and alleviate or worsen health disparities. In addition, Dr Ng has conducted secondary analyses of historical time-use data to estimate activity levels across all domains of daily living, and to identify trends and patterns within subpopulations. Her involvement in both areas of diet and physical activity has highlighted the existing gaps in current measurements, and the need for innovative approaches to better monitor changes to understand the shifting cultures of eating and moving worldwide and to evaluate efforts aimed at promoting effective and sustainable preventive health behaviors.

Tom Warshawski (University of British Columbia, Canada)

Tom Warshawski practices as a consultant pediatrician in Kelowna, British Columbia, and is the former head of pediatrics at the Kelowna General Hospital. Dr Warshawski is an associate clinical professor of Pediatrics with the University of British Columbia, is a member of the Heart and Stoke Foundation Compass Committee and he is the current chair of the Childhood Obesity Foundation (COF). He is a past member of the Healthy Active Living committee of the Canadian Pediatric Society, a past president of the BC Pediatric Society and a past president of the Society of Specialist Physicians and Surgeons of BC.
Dr Warshawski spearheaded the development of Sip Smart and is one of the leaders in the development of Screen Smart. He was a co-leader in the successful initiative to disseminate both programs across Canada as part of a coalition funded by the Canadian Partnership Against Cancer’s CLASP fund. He is a PI of the LiGHT project and as chair of the COF he was a leader in overseeing the implementation of MEND and Shapedown programs across British Columbia. Dr Warshawski is co-chairman of the Stop Marketing to Kids Coalition which is working with the Federal Government to enact meaningful legislation to stop the marketing of junk food and drink to Canadian children. As co-chairman of both the National Sugary Drink Reduction Group and of the British Columbia Rethink Sugary Drinks Coalition he has been active in advocating for sugary drink taxation at both a provincial and national level. For his efforts in promoting Healthy Active Living in children and youth, Dr Warshawski has been the recipient of the Judith Hall Award from the BC Pediatric Society, a Certificate of Merit from the Canadian Pediatric Society and a Special Achievement Award from the American Academy of Pediatrics.

**Harry Rutter** (London School of Hygiene and Tropical Medicine, Oxford, UK)

Harry Rutter is a public health physician based in Oxford, England. He is a senior clinical research fellow at the London School of Hygiene and Tropical Medicine, a senior academic adviser to Public Health England, and an adjunct professor of public health at both University College Cork, Ireland, and the Western Norway University of Applied Sciences. He was the founder director of the National Obesity Observatory for England, chaired the Program Development Group (PDG) for guidance on measures to promote walking and cycling for the National Institute of Health and Clinical Excellence (NICE), led the development of the National Child Measurement Program childhood obesity surveillance system, and sat on the management group of the Foresight Obesities project.
Harry was a founder member of the steering committee of the European Health Enhancing Physical Activity network. He sits on three WHO Europe steering groups, those for: the Cycling and Walking Health Economic Appraisal Toolkit (WHO HEAT); the European Health and Environmental Economics Network (EHEN); and the Child Obesity Surveillance Initiative (COSI). He has a broad interest in the relations between all aspects of transport, sustainability, built environment and health, in particular the health impacts of walking and cycling. His main professional focus is on the application of complex systems thinking to public health policy formulation, implementation, and research.
Invited Early Career and Student Speakers

Early Career Invited Talks:

Dr Valerie Carson, University of Alberta, Canada
An integration of physical activity, sedentary behaviour, and sleep: New children and youth guidelines and associations with health indicators
June 9th at 09:20 hrs Room: Lecture Theatre

Dr Samantha Harden, Virginia Tech, USA
Research-Practice partnerships for physical activity and dietary health promotion: What, why, how…and does it work?
June 9th at 09:20 hrs Room: Saanich 1

Student Invited Talks:

Jelle Van Cauwenberg, Ghent University, Belgium
Environmental factors influencing older adults’ physical activity behaviors
June 9th at 09:20 hrs Room: Sidney

Melissa Horning, University of Minnesota, USA
Food purchasing among families and low-income adults: Factors in grocery shopping and shopping at mobile markets
June 9th at 09:20 hrs Room: Oak Bay 1 & 2

Student and Early Career Award Nominees

Early Career Researcher Best Oral Presentation Nominees

Lana Vanderlee
Examining food environment policies of major chain restaurants in Canada
Session O.21 presentation #6 June 9th at 17:00 hrs Room: Saanich 2

Rebecca Franckle
The impact of the monthly SNAP issuance cycle on consumer shopping behaviors in a large Northeastern supermarket chain
Session O.22 presentation #6 June 9th at 17:00 hrs Room: Colwood 1 & 2

Jerome Rachele
Associations between neighbourhood socioeconomic disadvantage and transport walking: The protective effect of the built environment in Brisbane, Australia
Session O.17 presentation #2 June 9th at 17:00 hrs Room: Saanich 1
Student and Early Career Award Nominees (Continued)

Early Career Researcher Best Poster Presentation Nominees

Charlotte Pawlowski
Move the Neighbourhood: A novel study design of a participatory public open space intervention in a Danish deprived neighbourhood to promote active living
Poster Session P03.01
June 10th 11:00 – 12:00
Room: Salon A

Nicole Nathan
A systematic review of the effectiveness of interventions targeting lunchtime food provided from home for consumption by children at schools or centre-based childcare
Poster Session P02.01
June 9th 11:00 – 12:20
Room: Salon A

Amanda McClain
Cultural and life course influences on food provisioning among low-income, Mexican-origin mothers with young children in the U.S.
Poster Session P01.01
June 8th 11:00 – 12:00
Room: Salon A

Student Best Oral Presentation Nominees

Lee Ashton
Preliminary efficacy of the ‘HEYMAN’ healthy lifestyle program for young adult men: A pilot randomised controlled trial
Session O.11 presentation #6
June 9th at 15:15 hrs
Room: Oak Bay 1 & 2

Rachel Sutherland
A randomized controlled trial to assess the effectiveness of an adapted efficacious school-based intervention in improving children’s MVPA
Session O.18 presentation #2
June 9th at 17:00 hrs
Room: Salon C

Thabo van Woudenberg
Selection and influence effects of youngsters’ social network on physical activity
Session O.02 presentation #3
June 8th at 15:15 hrs
Room: Colwood 1 & 2

Student Best Poster Presentation Nominees

Nicholas Kuzik
Systematic review of combinations of movement behaviours and health in the early years (aged 0–4 years)
Poster Session P03.02
June 10th 11:00 – 12:00
Room: Salon A

Brooke Cull
Impact of video-based wellness training on girl scout leaders’ wellness promotion self-efficacy, intention, and knowledge
Poster Session P02.02
June 9th 11:00 – 12:20
Room: Salon A

Avril Johnstone
Pragmatic evaluation of the Go2Play Active Play intervention: Effects on fundamental movement skills and physical activity in children
Poster Session P02.02
June 9th 11:00 – 12:20
Room: Salon A
**ISBNPA 2017 Detailed Program**

**Wednesday, 7th June: Program**

**0730 – 1900**  
Pre – Function 1A  
Registration

**0830 – 1200**  
Various rooms, see below  
Half Day Morning Workshops

**Half Day Workshop 1**  
**Saanich 1**  
**Making e-/mHealth work in the real world: Lessons from industry and academia**  
Melanie Hingle (University of Arizona, USA); Heather Patrick (Envolve PeopleCare, USA); Paul Sacher (Slimming World, UK); Kate Wolin (ScaleDown, USA); Donna Spruijt-Metz (University of Southern California, USA)

**Half Day Workshop 2**  
**Colwood 1**  
**Grasping physical activity: Using 3D printers to visualize physical activity**  
Kelly Mackintosh, Melitta McNarry, Parisa Eslambolchilar, Sam Crossley (Swansea University, Wales)

**Half Day Workshop 4**  
**Colwood 2**  
**Faking it: Using a fake food buffet to examine food choice**  
Tamara Bucher (ETH Zurich and The University of Newcastle, Australia); Dr Megan Rollo (The University of Newcastle, Australia); Prof. Moira Dean, Dr Tony Benson (Queen’s University, Northern Ireland)

**Half Day Workshop 5**  
**Sidney**  
**Utilising social networks for behavior change in complex interventions**  
Dr Ruth Hunter, Dr Jennifer Badham (Queen’s University, Northern Ireland); Dr Kayla de la Haye (University of Southern California, USA)

**Half Day Workshop 6**  
**View Royal**  
**Assessing dietary intake in intervention studies: Pitfalls, strategies and future research needs**  
Sharon Kirkpatrick (University of Waterloo, Canada); Clare Collins (University of Newcastle, Australia); Ruth Keogh (London School of Hygiene and Tropical Medicine, UK); Susan Krebs-Smith (National Institutes of Health, USA); Marian Neuhouser (Fred Hutchinson Cancer Research Center, USA); Angela Wallace (University of Guelph, Canada)

**Half Day Workshop 7**  
**Esquimalt**  
**Nudging and choice architecture: Promises and pitfalls**  
Prof. Emely de Vet (Wageningen University, The Netherlands); Prof. Denise de Ridder (Utrecht University, The Netherlands)
**Wednesday 0900 – 1600 hrs**

### Full Day Workshops

**Full Day Workshop 1**  
ISBNPA Early Career Researcher workshop  
*Oak Bay 1*

Prof. Greet Cardon (*Ghent University, Belgium*); Prof. David Crawford (*Deakin University, Australia*); Prof. Emely de Vet (*Wageningen University and Research, The Netherlands*); Prof. Russ Jago (*University of Bristol, UK*); Dr Kirsten Davison (*Harvard University, USA*); Dr Patti-Jean Naylor (*University of Victoria, Canada*); Prof. Cliona Ni Mchurchu (*University of Auckland, New Zealand*)

**Full Day Workshop 2**  
Stepping into compositional analysis of activity data; a practical step by step guide to analysing your activity or nutritional data using compositional analysis techniques  
*Oak Bay 2*

Dr Sebastien Chastin, Dr Philippa Dall (*Glasgow Caledonian University, Scotland*)

**Full Day Workshop 3**  
Assessing nutrition and physical activity environments in Early Care and Education (ECE) settings: A workshop on using the Environment and Policy Assessment and Observation (EPAO) tools  
*Saanich 2*

Dianne Ward, Stephanie Mazzucca, Amber Vaughn (*University of North Carolina at Chapel Hill, USA*); Alison Tovar (*University of Rhode Island, USA*)

### Half Day Afternoon Workshops

**Half Day Workshop 3**  
Mobile methods for dietary assessment: Image-assisted and image-based dietary assessment methods  
*Sidney*

Associate Professor Deborah Kerr (*Curtin University, Australia*); Prof. Carol J. Boushey (*University of Hawaii, USA*); Prof. Edward J. Delp, Fengqing Maggie Zhu (*Purdue University, USA*)

**Half Day Workshop 8**  
Designing and evaluating physical activity interventions for people with mental health issues  
*Saanich 1*

Prof. Adrian Taylor (*Plymouth University, UK*); Guy Faulkner (*University of British Colombia, Canada*); Amanda Rebar (*Central Queensland University, Australia*)

**Half Day Workshop 9**  
Contextually rich physical behavior data: The key to behavior change?  
*View Royal*

Dr Kate Lyden, Douglas Maxwell (*PAL Technologies Ltd, Scotland*)

**Half Day Workshop 10**  
Prescribing walking for health benefit  
*Colwood 1*

Dr Elaine Murtagh (*University of Limerick, Ireland*); Prof Marie Murphy (*Ulster University, Northern Ireland*); Prof Catrine Tudor-Locke (*University of Massachusetts, USA*); Dr Paul Kelly (*University of Edinburgh, Scotland*)

**Half Day Workshop 11**  
Fundamental and functional movement literacy – the provision of meaningful childhood physical activity experiences  
*Colwood 2*

Dr Wesley O’ Brien, Prof. Michael Duncan, Ms. Orlagh Farmer (*University College Cork, Ireland*)
Wednesday 1230 – 2100 hrs

**Half Day Workshop 12**

**Health promotion with indigenous communities**

Lucie Lévesque *(Queen’s University, Canada)*; Treena Delormier *(University of Hawai‘i at Manoa, USA)*; Alex M. McComber *(Kahnawake Schools Diabetes Prevention Project, Kahnawake Mohawk Territory, Canada)*; Tara-Leigh McHugh *(University of Alberta, Canada)*

**Half Day Workshop 13**

**How to disseminate nutrition and physical activity research effectively to policy makers?**

Beth Racine *(University of North Carolina at Charlotte, USA)*; Elizabeth Ablah *(University of Kansas, USA)*; Mai Wei *(Ohio State University, USA)*; April Oh *(National Institutes of Health, USA)*; Joreintje Mackenbach *(VU University Medical Center, The Netherlands)*

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**1700 – 1720**

**Conference Opening**

Welcome from Jo Salmon and Ryan Rhodes, ISBNPA 2017 Co-chairs

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**1720 – 1830**

**Keynote Session 1**

Prof. Lucie Lévesque

**Truth and reconciliation in research: Physical activity interventions with Indigenous communities**

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**1845 – 2100**

**Welcome Reception at the BC Royal Museum**
Thursday, 8th June: Program

08:30 – 09:45
Symposia

S.01
Adapting Research-Tested Childhood Obesity Interventions for Community Implementation: Process and Outcomes
(Convenor: Dr. Paul Estabrooks)
Salon B

S.01.1
Adapting evidence-based group dynamics principles for a community-based lifestyle intervention targeting childhood obesity in London, Ontario, Canada
Burke SM

S.01.2
Building healthy families: Adaptation of a family-based behavioral weight control treatment program for rural Midwest US families
Heelan K, Bartee T

S.02
Intensity & sustainability in multi-Level multi component community programs – insights from 3 continents
(Convenor: Dr. Bent Egberg Mikkelsen)
Saanich 2

S.02.1
Sustained and evolved children's healthy living (CHL) program impacts

S.02.2
Designing ML-MC community programs - from problem based to a people & place based approaches. Insights from the sol, health & local community and campus & community programs
Mikkelsen BE

S.02.3
B'More healthy communities for kids: Program impacts and sustainability

S.03
Incentivising healthy eating, physical activity and reduced sitting: Advancing understanding of appeal, acceptability, and costs
(Convenor: Prof. Megan Teychenne)
Oak Bay 1 & 2

S.03.1
Views and experiences of a pedometer competition for changing physical activity behaviour in adolescents: A longitudinal qualitative study

S.03.2
Process and economic evaluation of an incentive-based study to increase physical activity and reduce sitting among middle-aged adults
Maple JL, Teychenne M, Moodie M, Ball K

S.03.3
Acceptability of financial incentives for health behaviour change amongst UK adults – combined results from qualitative and quantitative studies
Adams J

S.04
Using consumer activity trackers in research – latest evidence regarding validity, feasibility and efficacy for supporting behaviour change
(Convenor: Dr. Carol Maher)
Lecture Theatre

S.04.1
Consumer activity trackers: Validity and users’ perceptions and experiences
Maher CA, Ryan J, Ambrosi CC, Edney S

S.04.2
Using consumer activity and weight devices in the design of a theory-based mHealth tools for weight loss maintenance: The NoHoW toolkit
**Thursday 0830 – 0945 hrs**

| S.04.3 | The effect of Fitbit usage on body size and physical activity among obese sedentary women in rural Montana and New York  
Seguin R, Graham M, Donoso R, Folta S, Paul L, Kenkel D, Strogatz D |
| S.05 | **Is it important to ‘gender-sensitise’ interventions to improve diet and physical activity behaviours in men? Experiences from three continents**  
(Convenor: Prof. Kate Hunt)  
| Sidney |
| S.05.1 | “It’s been absolutely brilliant, not only for the training but the meeting like-minded fellas”: Understanding what supports men to make lasting lifestyle change through group-based behaviour change programmes  
Hunt K, Wyke S, Gray CM, Bunn C, Donnachie C, Logan G, Maclean A |
| S.05.2 | Promoting physical activity and healthy eating in male-dominated workplaces: Results from the POWERPLAY Program  
| S.05.3 | Engaging men and fathers in physical activity and healthy eating: The role of gender-tailoring in program design and delivery  
Young M, Morgan P |
| S.06 | **Changing diet from adolescence to early adulthood: Understanding trajectories and exploring effective interventions**  
(Convenor: Dr. Tarra Penney)  
| Colwood 1 & 2 |
| S.06.1 | The state of the evidence: A systematic review of longitudinal observational studies of diet from adolescence to early adulthood  
Winpenny EM, Penney TL, Corder K, White M, Van Sluijs EM |
| S.06.2 | Effectiveness of pricing strategies on French fries and fruit purchases among university students: Results from an on-campus restaurant experiment  
Deliens T, Deforche B, Annemans L, De Bourdeaudhuij I, Clarys P |
| S.06.3 | Interventions during the transition into young adulthood: Lessons learned from the CHOICES study  
Laska MN, Lytle L, Linde J, Moe S, Nanney MS |
| S.07 | **Global Matrix 2.0: Insights from report card grades on the physical activity of children and youth from low-, middle-, and high-income countries**  
(Convenor: Prof. Mark Tremblay)  
| Salon C |
| S.07.1 | Highlights of report card grades on the physical activity of children and youth in low-income countries  
Manyanga T |
| S.07.2 | Highlights of report card grades on the physical activity of children and youth in middle-income countries  
Katapally T |
| S.07.3 | Highlights of report card grades on the physical activity of children and youth in high-income countries  
Seghers J |
### Thursday 0830 – 1300 hrs

**S.08**

What do fathers think? The role of fathers in the dietary and activity behaviours of their young children  
*(Convener: Adam Walsh)*

**S.08.1**

Fathers’ perspectives on the diets and physical activity behaviours of their young children  
*Walsh A, Van Der Pligt P, Hesketh K, Cameron A, Crawford D, Campbell K*

**S.08.2**

“If not the parents, who else? A qualitative exploration of how fathers attempt to prevent childhood obesity in their families  
*Vollmer R*

**S.08.3**

Co-parenting in the context of child feeding: A qualitative examination of fathers’ perspectives  
*Khandpur N, Charles J, Davison K*

### 10:00 – 11:00

**Keynote Session 2**

*Salon B & C*

Prof. Cliona Ni Mhurchu  

‘Reducio’: The magical potential of new technologies to deliver and evaluate nutrition interventions

### 11:00 – 12:20

**Refreshment Break**

*Pre-Function 1A and 2A*

**Poster Session**

See page 62 for Thursday Posters

**12:20 – 13:00**

**Short Orals**

**SO.01**

Physical activity interventions in adults  
*Salon B*

**SO.01.1**

Run to Quit: An evaluation of the effectiveness of a physical activity-based smoking cessation intervention  
*Priebe C, Glowacki K, Atkinson J, Faulkner G*

**SO.01.2**

The effects of an exercise intervention during pregnancy on postpartum depressive symptoms: A randomized control trial  
*Coll CVN, Stein A, Domingues MR, Hallal PC, Bertoldi AD*

**SO.01.3**

Financial incentives are nice, but may not be enough to motivate weight loss maintenance: Findings from a mixed method study of older health insurance members  
*McGill B, O’Hara B, Bauman A, Grunseit A, Phongsavan P*

**SO.01.4**

Planning and promoting physical activity for adults aged 60-67 years: What do people want?  
*Burton NW, Khan A, Brown WJ*

**SO.01.5**

Mediators of behaviour change maintenance in physical activity interventions: A systematic review.  
*Murray JM, Brennan SE, French DP, Patterson CC, Kee Frank, Hunter RF*

**SO.02**

Food environments and dietary behaviors in adults  
*Colwood 1 & 2*

**SO.02.1**

Meal shopping for a ‘last minute surprise’ guest: Health conscious Brazilians’ food choices  
*Botelho A, Camargo A, Dean M, Fiates G*

**SO.02.2**

The development of a virtual reality food court to enable healthier food choices  
**Thursday 1220 – 1300 hrs**

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<td>SO.02.3</td>
<td>Relationships between barriers to healthy food access, household income and cooking and eating behavior</td>
<td>Wolfson JA</td>
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<td>SO.03</td>
<td>Physical activity and nutrition in children</td>
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<td>SO.03.2</td>
<td>Organizational characteristics in early education settings related to educator nutrition promotion and mealtime practice: A qualitative exploration</td>
<td>Swindle T, Phelps J, Hakkak R, Crook T</td>
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<td>SO.03.5</td>
<td>Valuing sport-for-all to promote physical activity behaviour change: At what cost?</td>
<td>Keane L, Hoare E, Richards J, Bauman A, Bellew W</td>
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<td>SO.04</td>
<td>Food environment and marketing in children</td>
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<td>SO.04.3</td>
<td>Children’s obesogenic behaviors during summer versus school: A within-person comparison</td>
<td>Brazendale K, Beets M, Pate R, Turner-McGrievy G, Kaczynski A, Weaver R, Bohnert A</td>
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<td><strong>SO.04.4</strong></td>
<td>Marketing obesity? A real-time analysis of children’s exposure to food marketing</td>
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<td><strong>SO.04.5</strong></td>
<td>Using a marketing evaluation tool to optimize a social marketing campaign: Insights from You’re the Mom</td>
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<td>e- &amp; m-Health to promote physical activity</td>
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<td><strong>SO.05.1</strong></td>
<td>How effective are Web 2.0 applications to increase physical activity in real world settings? Findings from the WALK 2.0 ecological trial</td>
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<td><strong>SO.05.2</strong></td>
<td>Posts, pics or polls? Which post type generates the greatest engagement in a Facebook physical activity intervention?</td>
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<td><strong>SO.05.3</strong></td>
<td>MyMovez – What a fun way to do research!</td>
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<td>Effects of Pokémon go on physical activity</td>
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<td><strong>SO.05.5</strong></td>
<td>Factors associated with use of physical activity Apps in smartphone and tablet owners in Chinese: findings from Hong Kong Jockey Club FAMILY Project</td>
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<td><strong>SO.06</strong></td>
<td>Sleep, physical activity and sedentary behavior in children</td>
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<td><strong>SO.06.1</strong></td>
<td>Systematic review of the relationships between physical activity and health indicators in the early years (aged 0 to 4 years)</td>
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<td><strong>SO.06.2</strong></td>
<td>Variation in objectively measured physical activity and sedentary behaviors across European youth – is there a North – South gradient?</td>
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<td><strong>SO.06.3</strong></td>
<td>Active healthy kids Belgium 2016 report card on physical activity for children and youth</td>
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<td><strong>SO.06.4</strong></td>
<td>Associations of sleep duration, timing, quality, and regularity with adiposity and metabolic risk in 8-to-12 years old obese children</td>
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<td><strong>SO.06.5</strong></td>
<td>Interventions that stimulate healthy sleep in school-aged children: A systematic literature review</td>
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<td><strong>SO.07</strong></td>
<td>Physical activity, sedentary behavior and diet in children</td>
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<td><strong>SO.07.1</strong></td>
<td>Reporting and analysis of equity effects of children’s physical activity interventions: A systematic scoping review</td>
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</table>
Thursday 1220 – 1300 hrs

**SO.07.2** Are parenting practices consistent across adolescent health behaviours associated with obesity?
*Carbert NS, Lu K, Naylor PJ, McKay H, Le Mare L, Hanning R, Mâsse LC*

**SO.07.3** Influence of physical activity, sedentary behaviour and diet quality in childhood on the incidence of internalizing disorders during adolescence: A Population-based Cohort Study
*Wu X, Bastian KA, Ohinmaa A, Veugelers P*

**SO.07.4** Effects of maternal emotional responses on child health behaviors: A STRONG Kids Study

**SO.07.5** The healthy primary school of the future
*Bartelink N, Van Assema P, Kremers S, Savelberg H, Jansen M*

**SO.08** Sedentary behavior in adults

**SO.08.1** Health coaching to enhance physical activity and prevent falls in community-dwelling people aged 60 years and over: Study protocol for the CHANGE cluster randomised controlled trial

**SO.08.2** Sedentary behavior in the form of television viewing most strongly related to cardiovascular disease risk: Results from a Population Decision Tree Analysis
*Patterson F, Huang L, Lozano A, Malone S, Hanlon A*

**SO.08.3** Sedentary behavior and musculoskeletal pain: A five-year longitudinal Icelandic study
*Stefansdottir RS, Gudmundsdottir SL*

**SO.08.4** Expectations and experiences of substituting sitting for standing in normally-seated meetings
*Mansfield L, Hall J, Smith L, Rasch M, Reeves E, Dewitt S, Gardner B*

**SO.08.5** The acute effects of breaking up seated office work with standing or light-intensity walking on continuously-measured interstitial glucose concentration: A randomised crossover trial
*Brocklebank LA, Andrews RC, Page AS, Falconer CL, Leary S, Cooper AR*

**SO.09** Implementation and evaluation of health promotion programs

**SO.09.1** Adaptation of an evidence-based physical activity and nutrition program for rural Latinas
*Perry CK, McCalmont J, Ward J, Menelas HK, Seguin RA*

**SO.09.2** Improving the evaluation of GoActive: Involving stakeholders to optimise recruitment, retention, and assessment methods for a school-based physical activity intervention
*Brown HE*

**SO.09.3** Principles and recommendations for the application and reporting of participatory methodologies in the development and evaluation of public health interventions

**SO.09.4** UWALK: A RE-AIM evaluation of a community-wide e-health and m-health physical activity program
*Jennings C, Berry T, Carson V, Culos-Reed S, Duncan M, Loitz C, McCormack G, McHugh T, Spence J, Vallance J, Mummery W*

**SO.09.5** Cost-effectiveness analysis of a School-based Health Promotion Program in Canada: A life-course modeling approach
*Ekwaru JP, Ohinmaa A, Tran BX, Setayeshgar S, Johnson JA, Veugelers PJ*
### Thursday 1300 – 1630 hrs

**13:00–14:00**

**Lunch**

**Pre-Function 1A and 2A**

**14:00 – 15:00**

**Keynote Session 3**

Prof. Kerry Courneya

*Physical activity behavior change interventions in cancer survivors: What’s cancer got to do with it?*

**15:15 – 16:30**

**Orals**

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<td><strong>0.01.1</strong> Validation of an observed feeding practices tool among family child care home providers</td>
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<tr>
<td>Tovar A, Vaughn A, Burney R, Fede J, Ostbye T, Ward D</td>
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<td><strong>0.01.2</strong> Development and validation of the Parenting Around Child Snacking (PACS) scale</td>
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<td><strong>0.01.3</strong> How do field-based measures of fruit and vegetable intake compare to serum carotenoids? Evidence from the strong hearts, healthy communities trial</td>
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<td>Morgan EH, Graham ML, Seguin RA</td>
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<td><strong>0.01.4</strong> Validity of the Global Physical Activity Questionnaire (GPAQ) in assessing physical activity and sedentary behavior in pregnant women</td>
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<td>Watson ED, Miclesfield LK, Van Poppel MN, Norris SA, Sattler MC, Dietz P</td>
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<td><strong>0.01.5</strong> Using consumer-level activity monitors to measure physical activity in healthy older adults</td>
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<td>Farina N, Lowry R</td>
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<td><strong>0.01.6</strong> Measuring the unintended variability of physical activity estimates when using direct observation</td>
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<td>Weaver RG, Beets MW, Hardin J, Beighle A, Erwin H, Whitfield M</td>
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<td>Lee EY, Lee JG, Spence JC</td>
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<td><strong>0.02.3</strong> Selection and influence effects of youngsters social network on physical activity</td>
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<td>Van Woudenber T, Burk W, Bevelander K, Buijs L, Smit C, Buijzen M</td>
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<td><strong>0.02.4</strong> The impact of floor hockey training in adolescent males with mild intellectual disabilities</td>
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<td>Hsu PJ, Chou HS, Chen PL, Huang CY, Ma WY, Pan CY</td>
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<td><strong>0.02.5</strong> Standing up for student health: An application of the health action process approach for reducing student sedentary behavior. A pilot study</td>
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<td>Sedentary behavior and chronic disease information as a source of motivation to reduce prolonged, school-related sitting time in university students: An experimental study using protection motivation theory</td>
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<td>Remotely monitored exercise-based cardiac rehabilitation combines effectiveness of traditional centre-based programmes with near universal accessibility: Results from the REMOTE-CR non-inferiority randomised controlled trial</td>
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<td>Outcome and process findings from the ‘eCoFit’ randomized controlled trial: Integrating smartphone technology, social support and the outdoor physical environment to improve health-related fitness among adults at risk of, or diagnosed with type 2 diabetes</td>
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<td>Stand Up for Heart Health: Feasibility of implementing an intervention to reduce sitting time in adults undergoing cardiac rehabilitation</td>
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<td>The association of lifestyle behaviours with hypertension in adult South Africans</td>
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<td>Step prescriptions and impact on cardiometabolic health in type 2 diabetes and hypertension</td>
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<td>Determinants physical activity &amp; sedentary behavior in children</td>
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<td>Early childhood digital media use and self-regulation: Bi-directional longitudinal associations</td>
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<td>Characteristics of the physical environment in family child care homes associated with young children’s physical activity</td>
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<td>Cross sectional associations of screen time and outdoor play with social skills in preschool children</td>
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<td>Socio-cultural region as important correlate of physical activity and sedentary behaviour in Swiss pre-schoolers</td>
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<td>0.04.5</td>
<td>Patterns and correlates of spatial clustering of childhood obesity in a large southeastern US County</td>
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Thursday 1515 – 1630 hrs

O.04.6 Understanding the heritability of voluntary exercise behavior

Schutte NM, Nederend I, Bartels M, De Geus EJC

O.05 Innovative dietary assessment tools

Sidney

O.05.1 Attention to temporal and framed consequences of (in)sufficient fruit intake - an experimental eye-tracking study

De Bruijn G, Roordink E

O.05.2 Accurate assessment of nutritional intake in school cafeterias: A validation of the digital photography method


O.05.3 The International Food Unit (IFU) can improve food volume estimation


O.05.4 Development of the canteen scan, a tool for assessment of the food environment in schools, sport settings and work place

Wezenbeek N, Vyth E, Vyth EL, Wolvers DL, Seidell JC, Ploum MLM, Renders CM

O.05.5 Facilitating factors and barriers experienced while assessing the quality of Québec’s food supply in different settings

Turcotte M, Landry M, Desroches S, Lemieux S, Provencher V

O.05.6 DIET@NET Best practice guidelines for dietary assessment in health research


O.06 Marketing and advertising in children and adolescents

Salon C

O.06.1 Assessing the exposure and power of food and beverage marketing in public recreation facilities: A validated setting-based observational tool

Prowse R, Naylor PJ, Raine K

O.06.2 Breakfast is brain food? The effect on GPA of a rural group randomized trial to promote school breakfast


O.06.3 Content of television food advertisements marketed to children on specialty channels in Quebec and Ontario

Kent MP

O.06.4 Non-broadcast advertising of foods high in fat, sugar and salt: Young people’s views and experiences

Chambers S, White L, Phipps R, Hilton S

O.06.5 Mixed-methods approach to aid understanding of the brand-consumer associations and attachments between discretionary food and drink brands and children


O.06.6 The sustained impact of unhealthy food advertising on children’s dietary intake: Results from an experimental study

Healthy mums and dads

VITAL change for mums: A feasibility study investigating tailored video-coaching for exercise and nutrition care for postpartum women
Vincze LJ, Rollo ME, Hutchesson MJ, Callister R, Collins CE

A mixed methods process evaluation of a pilot RCT aimed at supporting women to achieve healthy weight gain during pregnancy
Jarman M, Adam L, Lawrence WT, Bell RC

Fidelity of a motivational interviewing lifestyle intervention among overweight and obese pregnant women

Exploring Latino fathers’ perceptions and practices related to healthy eating, physical activity and sedentary behaviors of their preschool-aged children
Lindsay AC, Greaney ML, Wallington SF, Wright JA

Dads in Gear: Responses to a gender-sensitive program that engages fathers in physical activity to quit smoking

How are men's attempts to change diet and physical activity to manage their weight influenced by cohabiting partners?
Tripathee S, Chambers S, Sweeting H, Maclean A

Socio-economic status: Links with nutrition and physical activity

Socioeconomic status and dietary patterns in children from around the world: Different associations by levels of country human development?
Manyanga T, Chaput JP, Broyles ST, Katzmarzyk PT, Tremblay MS

The struggle is real: Food insecurity affects nutrition, physical activity, and health outcomes overtime among diverse university students
Bruening M, Van Woerden I, Todd M, Laska M

ActiveAssist: A qualitative evaluation of a physical activity and recreation fee assistance program for individuals in low income
Tamminen KA, Poucher ZA, Povilaitis V, Nirmalanathan K, Spence JC

Does tailoring on ethnic identity improve the efficacy of a computer-tailored dietary and physical activity intervention for low SES women with different ethnic backgrounds?
Oenema A, Romeike K, De Vries H, Lechner L

Prospective associations between diet quality and BMI in disadvantaged women: The Resilience for Eating and Activity Despite Inequality (READI) study
Olstad DL, Lamb K, Thornton LE, McNaughton SA, Crawford DA, Minaker LM, Ball K

Improving shopping and budgeting behaviours for healthier diets on a budget
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<td>Moving towards positive mental health: Exploring the global utility of physical activity to promote psychological well-being and understanding causation</td>
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<td>Physical activity and self-regulation in pre-schoolers from low-income settings in South Africa</td>
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<td>Draper CE, Cook CI, Howard SJ</td>
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<td>S.09.2</td>
<td>Physical activity and happiness: Longitudinal evidence from the Pelotas Birth Cohort Study in Brazil</td>
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<td>Physical activity and changes in physical self-worth: Danish school intervention research</td>
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<td>S.10</td>
<td>Advocacy readiness, technical assistance, and health equity in a grassroots advocacy initiative targeting state and local policies to prevent childhood obesity in the United States</td>
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<td>Calloway E, Pinard C, Fricke H, Carpenter L, Yaroch A</td>
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<td>S.10.2</td>
<td>Evaluation of provision and receipt of technical assistance in a policy advocacy initiative to address childhood obesity prevention in the U.S.</td>
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<td>S.10.3</td>
<td>Health equity considerations in addressing childhood obesity prevention through a policy advocacy initiative</td>
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<td>S.11</td>
<td>Determinants of sedentary behavior through the lifecourse: Insights and advances from DEDIPAC.</td>
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<td>Bayesian network analysis of interdependencies among factors associated with sedentary behavior</td>
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<td>Gaps and new candidate determinants of sedentary behaviour in youth: A DEDIPAC-study</td>
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<td>S.11.3</td>
<td>Cross-sectional and longitudinal relationships of macro-environmental factors with physical activity and sedentary behavior: Moderating effects of gender, age, education and occupation</td>
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<td>Utilizing mixed methods in childhood obesity research: Ecological momentary assessment, video-recorded family meals, and projective interviews</td>
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<td>S.12.1</td>
<td>Examining the association between parental reporting of momentary stress levels and parent feeding practices at family meals: A mixed methods approach</td>
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No dessert until you’ve finished your plate! Lack of received sensitivity during mealtime is related to overweight in early childhood
Van Der Veek S

General parenting observational scale to assess parenting during family meals
Rhee K, Berge J

Maintenance of behaviour change: Theories, trials and tribulations
(Convenor: Dr. Ruth Hunter) Sidney

Maintaining behaviour and weight change – What does theory have to offer?
Dombrowski SU, Kwasnicka D, Knittle K, Avenell A, White M, Araújo-Soares V, Sniehotta FF

Effectiveness of physical activity interventions in achieving behaviour change maintenance: A systematic review, meta-analysis and meta-regression
Murray JM, Brennan SE, French DP, Patterson CC, Kee Frank, Hunter RF

Using incentive-based interventions to improve behavioral maintenance for physical activity: Applying lessons from pro-environmental behaviors
Burns R, Maki A, Rothman A

Is it time to change how we talk about fussy eating?
(Convenor: Dr. Rebecca Byrne) Salon C

The genetic basis of food avoidant behaviours in early childhood: Towards a child-responsive model of parental feeding
Llewellyn CH, Fildes A

Maternal perception of fussy eating amongst Australian children aged 2 years
Byrne R, Daniels L

Child fussy eating: Health consequences and the role of parents’ use of pressure to eat
Jansen PW, Barse LM, Jaddoe VWV, Tiemeier H

Tackling disparities in diet quality and obesity risk: Synthesizing methods, what can we learn from observational studies, trials, and policy approaches?
(Convenor: Dr. Shirley Beresford) Saanich 1

Can context and culture in cohort study inform intervention development? The SES and obesity study
Beresford S, Barrington W, Patrick D, Bowen D

Worksite context and obesogenic behaviors among white and blue collar employees: A pooled analysis of 2 worksite randomized trials to prevent weight gain
Barrington W, Vernez-Moudon A, Hurvitz P, Beresford S

How Mexico’s “junk-food” tax has impacted purchasing of energy-dense foods among households with lower socioeconomic status
Batis C

Physical Activity Parenting: Measurement, intervention design and strategies to optimise effectiveness
(Convenor: Dr. Elaine Murtagh) Saanich 2

Conceptualizing physical activity parenting practices using expert informed concept mapping analysis
Mâsse L, O’Connor T, Tu A, Hughes S, Beauchamp M, Baranowski T
Thursday 1700 – 1815 hrs

**S.16.2** Mothers and teenage daughters walking to health: Development of an intervention to improve adolescent girls' physical activity and mothers' physical activity parenting practices
*Murtagh E, Morgan P, Lubans D, Barnes A, McMullen J*

**S.16.3** The impact of the DADEE (Dads and Daughters Exercising and Empowered) program on physical activity levels and PA parenting practices
*Morgan P, Young M, Lubans D, Eather N, Barnes A, Pollock E*
### Thursday, 8th June: Posters

**11:00 – 12:20: Poster Presentation**

**P1.01**  
**SIG: Theories of motivation and socio-economic inequalities**

**P1.01.1** Social cognitive mediators of dietary and physical activity in the “Healthy Habits, Healthy Girls – Brazil” school-based randomized controlled trial for adolescent girls living in low-income backgrounds  
*Tucunduva Philippi AC, Guerra PH, Tucunduva Philippi S*

**P1.01.2** Social cognitive mediators predicts the intake of the Brazilian Food Guide pyramid in adolescent girls attending the “Healthy Habits, Healthy Girls – Brazil”  
*Barco Leme AC, Guerra PH, Tucunduva Philippi S*

**P1.01.3** When highly valued leisure goals conflict with exercise: A social-cognitive forecast  
*Blouin JE, Gyurcsik NC, Brawley LR, Spink KS*

**P1.01.4** From Alpine climbing to walking around the block: What being physically active means for rural pregnant women  
*Quintanilha M, Mayan M, Raine K, Bell RC*

**P1.01.5** Parental education level as a proxy measurement of social economic status: Does it predicts health behaviors of adolescent girls from two different obesity prevention programs of São Paulo, Brazil?  
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<td>“Park use and PA among children in low income and racial and ethnic minority communities” – The PARC3 Study</td>
<td>Floyd M, Hipp JA, Marquet O, Alberico C, Mazak E</td>
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<td>P1.05.11</td>
<td>Food choice strategies: Behavioral contexts for weight loss interventions</td>
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<td>Harmon BE, Escobar E, Schmidt M, Steele A</td>
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P1.05.13 Describing the diet quality of adolescents in rural Sri Lanka over time using a modified version of the Diet Quality Index-International
Williams J, Wickramasinghe K, Jayawardena R, Friel S, Manoharan S, Rayner M, Townsend N

P1.05.14 Shared family dinners and adolescent overweight- does the association depend on socioeconomic position?
Rasmussen M, Damsgaard MT, Holstein BE, Kierkegaard L, Due P

P1.05.15 Total and domain-specific levels of physical activity and sedentary behaviour in relation to psychological distress among an urban Asian population
Chu A, Van Dam RM, Tan CS, Koh D, Müller-Riemenschneider F

P1.05.16 Barriers to eating healthy among food pantry clients
Dave J, Svendsen-Sanchez A, Thompson D, Cullen K

P1.05.17 Demographic relationships of fruits and vegetables selected, consumed, and wasted among middle school students in a cross-sectional design
Hurley JC, Bruening MM, Ohri-Vachaspati P, Adams MA

P1.05.18 A systematic literature review relating food insecurity to Canadian and US women’s dietary outcomes

P1.05.19 Re-conceptualizing food insecurity with a new, multi-dimensional scale to measure food insecurity among low-income women
Johnson C, Adair LS, Aiello AE, Bowen SK, Flax VL, Ammerman AS

P1.05.20 Multiple deprivation and its impacts on the physical activity of Portuguese children: Evidence of a gender gap over and above the overall negative impact

P1.06 Theories and determinants: All ages

P1.06.1 Barriers and facilitators to moving more and sitting less within four contact centres
Millard AS, Murphy RC, Shepherd S, Graves LE

P1.06.2 How do changes in occupational sedentary behaviour affect leisure time sedentary behaviour? Evidence from a longitudinal population based cohort study in Sweden
Nooijen C, Del Pozo-Cruz B, Forsell Y

P1.06.3 Implicit and explicit heart disease and breast cancer cognitions: Relationship to physical activity and fruit and vegetable consumption
Berry TR, Courneya K, McGannon K, Norris CM, Rodgers WM, Spence JC

P1.06.4 A descriptive study of individuals seeking specialized treatment for an eating disorder: Intuitive eating and eating profile
Fortin K, Gagnon-Girouard MP, Monthuy-Blanc J, Thibault I, Provencher V

P1.06.5 Perceptions of sugary drinks among Canadian youth and young adults
White CM, Vanderlee L, Reid JL, Paquette MC, Hammond D

P1.06.6 Investigating trends in fruit and vegetable consumption in the north and south of England
Wilkins E, Williams J, Bhatnagar P, Townsend N

P1.06.7 Long-term effects of life events on adolescents’ participation in physical activity, and organized and unorganized sports
P1.06.8 Prototype similarity and not intention predicts variance in young adolescents’ objective physical activity: A preliminary investigation
Wheatley CM, Davies EL, Dawes H

P1.06.9 Effects of season on physical activity in an overweight and obese sample: A perceived but untrue barrier
Remmert JE, Kerrigan S, Convertino A, Call CC, Butryn ML

P1.06.10 Correlates of participation in holistic movement practices: Sociodemographic and participation characteristics of a national sample of Australian adults

P1.06.11 Examining best practices for promoting cycling amongst university students and employees
Vairo N, Bopp M, Sims D, Dutt K, Pinkos B

P1.06.12 Physical activity behaviour and motives in dog agility competitors
Karvinen K, Rhodes R

P1.06.13 Exploring stakeholders’ experiences of delivering community-based physical activity and health promotion services: A qualitative study
Lawlor ER, Cupples ME, Donnelly M, Tully MA

P1.06.14 Physical activity messages in popular magazines: A cross-sectional analysis by target audience
Gasper RL, Swank AC, Glatz C, Pool E, Taylor M, Mailey EL

P1.06.15 Vegetarian diet, change in dietary patterns and weight gain over 5 years
Chiu TH, Lin MN, Lin CL

P1.06.16 Promotion of healthy eating: Evaluation of pleasure-oriented versus health-oriented messages
Vaillancourt Caroline, Bédard Alexandra, Bélanger-Gravel Ariane, Bégin Catherine, Pelletier Luc, Desroches S, Provencher V, Lemieux S

P1.06.17 The association between frequent eating-out and dietary quality in pregnant women – A cross-sectional study in the growing up in Singapore towards healthy outcomes (GUSTO) birth cohort

P1.06.18 Differing compositions and potential health impacts of sugars in popular soft drinks from Australia, Europe and the USA
Varsamis P, Larsen RN, Owen N, Dunstan DW, Jennings GL, Kingwell BA

P1.06.19 Prevalence of week and weekend day sedentary behaviors across the lifespan: A descriptive study
Compernolle S, Busschaert C, De Bourdeaudhuij I, Cardon G, De Cocker K

P1.06.20 Trends in physical activity and screen based behavior in Czech adolescents: Findings from 2009 to 2013
Pelčlová J, Frömel K, Svožilová Z

P1.07 SIG: Implementation and scalability

P1.07.1 Development and testing of a survey to assess knowledge, engagement, and social network characteristics of community-based leadership groups involved in childhood obesity prevention
Feasibility of delivering virtual world-mediated intervention through summer camps among high school soccer players


Scaling up and implementing Mind Exercise, Nutrition Do It! (MEND 7–13) in British Columbia: 3-year evaluation results

Weismiller J, Naylor PJ, Tindall D, Bradbury J, Naimi M

The GLOWING pilot cluster randomised controlled trial (RCT): An intervention to support midwives implementation of weight management guidelines

Heslehurst N, McParlin C, Rankin J, Sniehotta FF, Howel D, Rice S, McColl E

Evaluating the impact of a workshop aimed at enhancing medical students’ motivational interviewing knowledge, skills and social cognitions to counsel patients on physical activity, nutrition and medication adherence

Dobrovolski S, Baillie C, Skelting S, D’urzo K, Houlden R, Tomaseone J

Evaluation of high school soccer players’ user and learning experiences in a virtual world-mediated intervention to promote physical activity and healthy eating behaviors

Meng Y, Wong SS, Richter J, Kahn M

Promising tools to support dissemination and implementation of evidence-based health promotion strategies

Lindberg SM, Meinen AM, Korth AL, Christens BD, Cryns VL, Adams AK, The Obesity Prevention Initiative Team

Initial results from a statewide multi-level initiative to prevent childhood obesity

Lindberg SM, Meinen AM, Korth AL, Christens BD, Cryns VL, Adams AK, The Obesity Prevention Initiative Team

Development and implementation of a process to identify feasible and relevant NUDGE interventions to increase vegetable purchasing by young adults in a university food services setting

Mistura M, Tomlin D, Naylor PJ

After school physical activity programming in the Northwest Territories of Canada: A qualitative exploration of facilitators and barriers to implementation

Pfaeffli Dale L, Lau E, Faulkner G

Evaluating an older adult physical activity model implemented at scale: Framework for action

McKay HA, Sims-Gould J, Nettlefold L, Hoy C, Bauman A

Young & active – A formative evaluation of a high school-based intervention aiming at promoting physical activity, sense of community and enjoyment

Wehner SK, Bonnesen CT, Madsen KR, Toftager M, Rosing JA, Jensen Mp, Due P, Krølner R, Tjønnhøj-Thomsen T

A qualitative study of how to create supportive environments for the implementation of in-class-activities in middle school

Holt AD, Christiansen LB, Smedegaard S, Skovgaard T
## Friday, 9th June: Program

**08:00 – 09:15**

**Symposia**

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<td>Physical activity and sedentary behavior predicting cognitive and academic performance: Results from an observational study and the design of a brand-new intervention</td>
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<td>Complex system modelling for behaviour Interventions: Learning from experience</td>
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<td>So, you want to build an agent-based model?</td>
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<td>Understanding sitting: The psychology of sedentary behaviour</td>
<td>Prof. Mai Chin A Paw</td>
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<td>Sitting is invisible, or why people under-report sedentary behaviour</td>
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<td>Nutrition smartphone apps: An effective approach to improving healthy eating behaviours</td>
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<td>FoodFlip*: A pilot testing the effectiveness of a food information smartphone app to promote selection of healthier foods</td>
<td>Ahmed M, Schermel A, Oh Y, L’Abbe M</td>
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### S.20.2
Effects of interpretive nutrition labels on consumer food purchases: The starlight randomized, controlled trial

*Ni Mhurchu C, Volkova E, Jiang Y, Eyles H, Neal B, Blakely T, Swinburn B, Rayner M*

### S.20.3
SaltSwitch: A smartphone application to support the control of high blood pressure

*Dunford E, Neal B*

### S.21
**ParticipACTION after 5 years: Assessing impact on the promotion of physical activity and the behaviour of Canadians**

*(Convenor: Prof. Guy Faulkner)*

#### S.21.1
ParticipACTION after 5 years of re-launch: A quantitative survey of Canadian organizational awareness and capacity


#### S.21.2
Perceptions of organizational capacity to promote physical activity in Canada and ParticipACTION’s impact five years after its re-launch: A qualitative study


#### S.21.3
Awareness of ParticipACTION among Canadian adults: A 7-year cross-sectional follow-up


### S.22
**Food environments in low-resourced areas: Assessing alternatives to improving access to healthy options**

*(Convenor: Chelsea Singleton)*

#### S.22.1
Examining experiences of food insecurity among food bank users in Vancouver, Canada: Reflections from a mixed methods study

*Black JL, Holmes E, Lear SA, Wittman H, Heckleman A, Fowokan A, Seto D*

#### S.22.2
Alternative food sources: Impact of local food markets on deprived populations living in food deserts

*Mercille G, Chaput S, Mihou AT, Drouin L, Vermette JP, Kestens Y*

#### S.22.3
SNAP vendor requirements and the supply of healthy foods in small stores located in low-resourced neighborhoods

*Powell L, Singleton C, Li Y, Duran A, Odoms-Young A, Zenk S*

### S.23
**Strong culture, healthy lifestyles: A global perspective of conducting research with Indigenous populations**

*(Convenor: Dr Rebecca Stanley)*

#### S.23.1
A collaborative approach to evaluating the physical literacy of indigenous youth: Successes and challenges from the Northwest Territories, Canada

*McHugh TLF, Spence JC, Stearns JA, Kuzik N*

#### S.23.2
Conducting children’s physical activity research in South Africa – a setting where the Indigenous population is in the majority

*Draper CE*

#### S.23.3
Koori Kids Culture Club – working in partnership with Australian Indigenous communities to build cultural connectedness and healthy lifestyles among children

*Stanley RM, McKnight A, Crowe R, Probst Y, Paloyo A, Okely AD*
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<td>Why can't I play outside? Findings from the built environment and active play study</td>
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<td>Pragmatic evaluation of the Go2Play Active Play intervention: Effects on fundamental movement skills and physical activity in children</td>
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<td>An integration of physical activity, sedentary behaviour, and sleep: New children and youth guidelines and associations with health indicators</td>
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<td>Dr Samantha Harden, Virginia Tech, USA</td>
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<td>Research–Practice partnerships for physical activity and dietary health promotion: What, why, how...and does it work?</td>
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<td>Vadiveloo M, Kaar J, Field A, McCardy K, Dabelea D, Tovar A</td>
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SO.10.3 The development of the GLOWING intervention to facilitate community midwives implementation of weight management guidelines
Heslehurst N, Rehackova L

SO.10.4 Is self-tracking of weight gain during pregnancy associated with weight outcomes at 6 months postpartum?
Olson CM, Strawderman MS, Graham ML

SO.10.5 Prenatal theory-based lifestyle intervention effectively promotes positive behavior change and appropriate weight gain
Buckingham-Schutt LM, Campbell CG, Vazou S

SO.11 Physical activity environments in adults

SO.11.1 Are objective neighborhood characteristics related to meeting physical activity recommendations?
Jansen FM, Ettema DF, Kamphuis CBM, Pierik FH, Dijst MJ

SO.11.2 Exploring the impact of a Canadian municipal policy focused on investing in recreation spaces on health and health equity
Nykiforuk CIJ, Belon AP, Nieuwendyk LM, McGetrick JA, Krishnan V

SO.11.3 Put it in the ground: A natural experiment examining the effects of tunneling a highway on physical activity, active transport and health
Stappers NEH, Van Kann DHH, De Vries NK, Kremers SPJ

SO.11.4 A quasi-longitudinal residential relocation study of neighbourhood walkability and physical activity in Canadian adults
McCormack G, McLaren L, Salvo G, Blackstaffe A

SO.11.5 Step up: Exploring social norm perceptions in relation to stair use among adults
Crozier A

SO.12 Dietary and physical activity interventions in children and youth

SO.12.1 School meals for wellbeing: Children’s experiences via empathy-based stories within the ProMeal Study
Olafsdottir S, Talvia S, Gunnarsdottir I, Olafsdottir AS

SO.12.2 Displacing the foods high in fat, sugar and salt: Changes in nutritional composition of children’s meals after the food dudes healthy eating programme in UK schools

SO.12.3 A glimpse into why participants sign up for obesity prevention trials but do not attend the prescribed dose of intervention: Analysis of noncompliance in the Healthy Home Offerings via the Mealtime Environment (HOME Plus) Study
Fulkerson JA, Presley M, Friend S

SO.12.4 Promoting regular breakfast eating among Canadian adolescents: What role do school breakfast programs play?
Godin KM, Patte KA, Leatherdale ST

SO.12.5 Efficacy of interventions promoting calcium or dairy intake in adolescents and young adults: A systematic review with meta-analysis
Rouf A, Grech A, Allman-Farinelli M
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<td>“Bad genes load the gun, but lifestyle pull the trigger”: Views on food, activity and risk of type 2 diabetes among UK Black Caribbeans in the FOODEY study</td>
<td>Maynard MJ, Apekey TA, Kime N, Walsh D, Kittana M, Copeman J</td>
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SO.18.2 Trajectories of implementation fidelity scores of a physical activity promotion program in rehabilitation care
Hoekstra F, Hoekstra T, Hettinga Fj, Dekker R, Van Der Schans CP, Van Der Woude LHV

SO.18.3 GPS-measured time walking outdoors and insulin resistance in adults with type 2 diabetes

SO.18.4 Effects of supervised and home-based exercise paired with behavioural support in lung cancer survivors: A pilot randomized controlled trial
Peddle-Mcintyre CJ, Newton RU, Jeffery E, Lee YCG, Galvão DA

SO.18.5 Participatory co-development of an evidence-informed physical activity referral scheme for individuals with health conditions

13:00 – 14:00
Lunch
Pre-Function 1A and 2A

14:00 – 15:00
Keynote Session 5
Salon B & C
Prof. Denise de Ridder
Healthy living made easier: The psychology of nudging

15:15 – 16:30
Orals
Salon B

O.09 Physical activity and dietary interventions in adults

O.09.1 Physical activity prevalence in children depends on our methodology: Findings from the Healthy Lifestyles Programme (HeLP)
Price L, Lloyd J, Wyatt K, Hillsdon M

O.09.2 Harnessing recreation infrastructure to increase physical activity – the MOVE Frankston trial
Smith BJ, Newton JD, Newton Fj, Mahal A, Piterman L, Donovan RJ

O.09.3 Hockey Fans in Training can lead to long-term weight loss in overweight and obese men

O.09.4 ‘It felt great you know reading it and you’re saying, “Crikey, I done that!”’: Men’s accounts of receiving objective feedback on physical activity and other indicators of health risk. Evidence from Football Fans in Training (FFIT)
Donnachie C, Hunt K, Wyke S

O.09.5 How do men sustain long term weight loss following a weight management programme delivered through professional football clubs?
Gray CM, Hunt K, Donnachie C, Maclean A, Bunn C, Wyke S

O.09.6 The impact of Hockey Fans in Training on long-term maintenance of healthy eating behaviours in overweight and obese men
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<td>0.10.1</td>
<td>A novel intervention to increase physical activity and motivation in physical education: The SELF-FIT cluster randomized controlled trial</td>
<td>Ha A, Lonsdale C, Lubans D, Ng J</td>
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<td>0.10.2</td>
<td>Exploring the impact of High Intensity Interval Training on adolescents’ objectively measured physical activity: Findings from a randomized controlled trial</td>
<td>Costigan SA, Ridgers N, Eather N, Plotnikoff RC, Harris N, Lubans DR</td>
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<td>0.10.3</td>
<td>Height-adjustable desks in secondary schools: Impact on energy expenditure, adiposity and perceived musculoskeletal discomfort</td>
<td>Contardo Ayala AM, Sudholz B, Salmon J, Dunstan D, Ridgers ND, Timperio A</td>
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<td>0.10.4</td>
<td>Examining the impact of a province-wide secondary school physical education (PE) policy on student physical activity as a natural experiment</td>
<td>Hobin E, Erickson T, Zuo F, Pasha S, Casey C, Murnaghan D, Griffith J, McGavock J</td>
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<td>0.10.6</td>
<td>Process evaluation methodology in the Girls Active randomised controlled trial: Experiences from the researchers and stakeholders</td>
<td>Harrington D, Edwardson C, Davies M, Tudor Edwards R, Chudasama Y, Gorely T, Khunti K, Sherar L, Yates T</td>
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<td>0.11.1</td>
<td>The challenges of using social theory to underpin dietary interventions</td>
<td>Chambers S</td>
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<td>0.11.2</td>
<td>Evaluation of a statewide dissemination and implementation of physical activity intervention in afterschool programs: A nonrandomized trial</td>
<td>Beets MW, Weaver RG, Tuner-McGrievy G, Saunders RP, Webster CA, Moore JB, Brazendale K, Chandler J</td>
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<td>0.11.3</td>
<td>Effectiveness of a universally delivered school-based resilience intervention in improving adolescent physical activity, and fruit and vegetable consumption</td>
<td>Hodder RK, Campbell E, Freund M, Wolfenden L, Bowman J, Dray J, Green S, Gillham K, Wiggers J</td>
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<td>0.11.4</td>
<td>Use more, lose more: Participant engagement and weight loss in a digital health intervention among low-income primary care patients</td>
<td>Steinberg D, Levine E, Askew S, Bennett G</td>
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<td>0.11.5</td>
<td>Points-based physical activity: A novel approach to promote physical activity and reduce cardio-metabolic risk factors in overweight, inactive females</td>
<td>Holliday A, Burgin A, Vargas Fernandez E, Fenton SAM, Blannin AK</td>
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<td>Preliminary efficacy of the ‘HEYMAN’ healthy lifestyle program for young adult men: A pilot randomised controlled trial</td>
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<td>Adults physical activity and sedentary behavior</td>
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<td>0.12.1</td>
<td>A population analysis of socio-demographic differences in sedentary behavior among middle-age adults</td>
<td>Patterson F, Huang Li, Lozano A, Malone S, Suminski R, Hanlon A</td>
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<td>0.12.2</td>
<td>Sustained leisure time sedentary behaviour can be predicted by other unfavourable lifestyle behaviours: A longitudinal population-based cohort study</td>
<td>Nooijen C, Möller J, Ekblom M, Engström K</td>
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<td>The seated inactivity trial (S.I.T.): A randomized controlled trial of eight weeks of imposed sedentary time in healthy college-aged adults</td>
<td>Rosenkranz SK, Cull BJ, Rosenkranz RR, Lawler T, Haub MD</td>
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<td>Replacing sitting with standing/stepping</td>
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<td>Examining relationships of physical activity and sedentary behaviour with cognitive function among older adults with mild cognitive impairment: A cross-sectional study</td>
<td>Falck RS, Landry GJ, Best JR, Davis JC, Chiu BK, Liu-Ambrose T</td>
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<td>Dietary interventions in adults</td>
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<td>Tasting with your eyes: Sensory description substitutes for portion size</td>
<td>Policastro P, Chapman G</td>
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<td>Can drinking water before main meals help adults with obesity lose weight?</td>
<td>Parretti HM, Aveyard P, Blannin A, Clifford SJ, Coleman SJ, Roalfé A, Daely AJ</td>
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<td>App design considerations for supporting dietary counselling in dietetic practice</td>
<td>Chen J, Lieffers JRL, Bauman A, Hanning RM, Allman-Farinelli M</td>
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<td>Who benefits most from personalized nutrition? Findings from the Pan-European Food4Me randomized controlled trial</td>
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<td>An economic evaluation of complex workplace dietary interventions</td>
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<td>Cue-to-action and nudging interventions increase unfamiliar vegetable choice</td>
<td>Broers VJ, Van Den Broucke S, Luminet O, Mukaz RV, Albert L</td>
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<td>0.14.2</td>
<td>Are health claims nudging consumers towards healthier food choices? An analysis of the nutritional quality of pre-packaged foods carrying health claims in the Canadian food supply</td>
<td>Franco-Arellano B, Labonté MÈ, Bernstein J, L’Abbé MR</td>
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<td>0.14.3</td>
<td>Healthfulness and nutritional composition of Canadian prepackaged foods with and without sugar claims</td>
<td>Bernstein JT, Franco Arellano B, Schermel A, L'Abbe MR</td>
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<td>0.14.4</td>
<td>Understanding the impact of nutrition and health claims on portion size selection using a fake food buffet</td>
<td>Benson T, Bucher T, Dean M</td>
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<td>Influence of enhanced front-of-package labelling and taxation on consumer purchasing of sugar-sweetened beverages</td>
<td>Acton RB, Hammond D</td>
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<td>How many lives could be saved through the adoption of traffic light labelling in Canada? A scenario modelling study</td>
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<td><strong>Home environment and parental influence on children’s health behaviors</strong></td>
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<td>Parental strategies for influencing their children’s diet – a qualitative study in disadvantaged areas</td>
<td>Norman Å, Nyberg G, Schäfer Elinder L, Berlin A</td>
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<td>The longitudinal relation of emotional feeding in infancy with hedonic eating and BMI in childhood: Findings from the Generation R Study</td>
<td>Jansen PW, Derks IPM, Franco OH, Jaddoe VWV, Verhulst FC, Tiemeier H</td>
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<td>Testing the direction of the association between child BMI and parental restrictive feeding practices: Results from a population-based cohort study</td>
<td>Derks IPM, Jaddoe VWV, Verhulst FC, Tiemeier H, Jansen PW</td>
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<td>It’s all in the delivery: Genetic and environmental influences on responses to a behavioral dietary intervention in young children</td>
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<td>The interaction between parenting practices and the physical environment on changes in child physical activity and sedentary behavior – a longitudinal study</td>
<td>Gerards SMPL, Van Kann DHH, Jansen MWJ, Kremers SPJ</td>
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<td>Home environment mediates the relation between parental socioeconomic status and preschoolers’ screen time</td>
<td>Ray C, Lehto E, Määttä S, Kaukonen R, Ylönen A, Vepsäläinen H, Erkkola M, Roos E</td>
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<td><strong>Longitudinal studies of children’s physical activity, sedentary behavior and nutrition</strong></td>
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<td>Tracking of total sedentary time and sedentary patterns during childhood</td>
<td>Van Ekris E, Chinapaw MJM, Alterburg TM, Twisk JW, Wijndaele K, Atkin AJ, Van Sluijs EM</td>
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<td>0.16.2</td>
<td>Change in children and parents’ physical activity and sedentary time between Year 1 (5-6) and Year 4 (8-9 years of age) of primary school</td>
<td>Jago R, Solomon-Moore E, Macdonald-Wallis C, Sebire SJ, Thompson JL, Lawlor DA</td>
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<td>0.16.3</td>
<td>Longitudinal study of the nutritional status of middle school students: 15-year monitoring</td>
<td>Santos DL, Azambuja CR, Pandolfo KCM, Minuzzi T</td>
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<td>0.16.4</td>
<td>Cluster patterns of behavioural risk factors among children: Longitudinal associations with adult cardio-metabolic risk factors</td>
<td>Patterson K, Gall S, Ferrar K, Venn A, Blizzard L, Dwyer T, Cleland V</td>
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Early life factors are associated with trajectories of consistent organized sport participation over childhood and adolescence in girls: Longitudinal analysis from the Raine Study
Howie E, Ng L, Beales D, McVeigh J, Straker L

Organised sport trajectories from childhood to adolescence predict peak bone mass of young adults in the Raine Study
McVeigh JA, Howie EK, Zhu K, Walsh J, Straker LM

16:30 – 17:00
Refreshment Break

17:00 – 18:15
Orals

Active transport in adults

Older Australian adults’ getting out and about: The role of accessible local destinations
Cole R, Owen N, Sugiyama T

Associations between neighbourhood socioeconomic disadvantage and transport walking: The protective effect of the built environment in Brisbane, Australia
Rachele J, Sugiyama T, Giles-Corti B, Turrell G

Developing and refining a programme theory for understanding the public health impact of 20mph speed limit projects

Land use proportions and walking: Isotemporal substitution analysis

Do Pokémon GO players walk more than other college students?
Marquet O, Hipp AJ, Alberico C, Adlakha D

A multilevel approach to explore individual and contextual determinants of commuting and non-commuting travel behaviors in 5 European urban regions (The Spotlight Project)

Primary school physical activity and sedentary behavior and interventions

Classroom physical activity breaks increase physical activity and decrease lengthy blocks of sedentary time for elementary school students
Calvert HG, Turner L, Mahar M

A randomized controlled trial to assess the effectiveness of an adapted efficacious school-based intervention in improving children’s MVPA
Sutherland R, Nathan N, Lubans D, Desmet C, Wiggers J, Wolfenden L

Building active schoolyards: Effect of schoolyard interventions measured by accelerometer and GPS
Andersen HB, Pawlowsky CS, Schipperijn J, Christiansen LB

Physical activity programming in lower-income schools: Preliminary implementation results from the Fueling Learning through Exercise (FLEX) Study
### Effectiveness of British Columbia’s daily physical activity policy in elementary schools
*Weatherson KA, Jung ME*

### Physically active academic lessons: Acceptance, barriers and facilitators for implementation
*Dyrstad SM, Kvalø SE, Alstveit M, Skage I*

### Physical activity, sedentary behavior and mental health

#### 0.19.1
Physical activity and sedentary behavior predicting cognitive and academic performance: Results from the ALOUD Study
*Gijselaers HJM, Kirschner PA, De Groot RHM*

#### 0.19.2
Improving mental health outcomes through cognitive mentoring, smartphone technology & the outdoor environment to increase physical activity among adults at risk/with T2D
*Wilczynska M, Lubans D, Cohen K, Plotnikoff R*

#### 0.19.3
Longitudinal associations between sports participation and mental health in children
*Moeijes J, Van Busschbach JT, Boschker RJ, Twisk JWR*

#### 0.19.4
Netball shoots for physical and mental health in Tonga: Graded program exposure identifying key intervention components
*Richards J, Sherry E, Stubbs B, Misi U, Bauman A*

#### 0.19.5
Domain-specific physical activity and affective wellbeing among adolescents: The moderating role of self-determined motivation
*White R, Parker P, Astell-Burt T, Olson R, Lonsdale C*

#### 0.19.6
Is the link between movement and mental health a two-way street? Prospective associations between physical activity, sedentary behaviour and depressive symptoms amongst women living in socio-economically disadvantaged neighbourhoods
*Teychenne M, Abbott G, Lamb K, Rosenbaum S, Ball K*

### Measurement and analysis of physical activity and sedentary behavior

#### 0.20.1
Brief history of step counting and cadence tracking
*Tudor-Locke C*

#### 0.20.2
Isotemporal substitution of physical activity and sedentary behaviours: Predicting effects on body composition and metabolic risk factors
*O’Brien WJ, Walsh DI, Shultz SP, Breier BH, Kruger R*

#### 0.20.3
A novel procedure for identifying and integrating three-dimensions of objectively measured free-living sedentary time
*Myers A, Gibbons C, Butler E, Blundell J, Finlayson G*

#### 0.20.4
Can functional MRI help optimise lifestyle behaviour change feedback from wearable technologies?
*Whelan M, Morgan P, Sherar L, Magistro D, Kingsnorth A, Esliger D*

#### 0.20.5
Development of an objective measure of outdoor active play in children using accelerometry and GPS
*Borghese MM, Janssen I*

#### 0.20.6
Calibration of self-report questionnaires to measure sedentary behaviour in older adults
*Dontje ML, Dall PM, Skelton DA, Chastin SFM*
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<td>Investigating consumers’ practical understanding of healthy and normal food choices using a fake food buffet</td>
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<td>Mötteli S, Keller C, Barbey J, Siegrist M, Bucher T</td>
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<td>Appetite ratings of wholegrain breakfasts evaluated under laboratory and free-living conditions</td>
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<td>Pasman WJ, Hendriks HFJ, Minekus M, De Ligt RAF, Scholtes-Timmerman MJ, Clabbers DBS, Leonards NM, Bellmann SS</td>
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<td>Are young adults’ perceptions of how nutritious snacks are influenced by the nutrient content or portion size?</td>
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<td>De Vlieger N, Collins C, Bucher T</td>
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<td>Confronting the convenience: The role of convenience stores in New Zealand children’s food environments</td>
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<td>Examining food environment policies of major chain restaurants in Canada</td>
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<td>Neighbourhood food environment in food insecure South Africa communities: Preliminary results from STOP-SA (Slow, Stop or Stem the Tide of Obesity in the People Of South Africa)</td>
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<td>Lambert EV, Uys M, Okop KJ, Puoane T, Tsolekile L, Dover RVH</td>
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<td>Spatial access to food outlets and grocery stores in relation to frequency of household home-cooking (The SPOTLIGHT Study)</td>
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<td>De Pinho MGM, Mackenbach JD, Charreire H, Oppert JM, Bárðos H, Rutter H, De Bourdeauxhuij I, Beulens JWJ, Brug J, Lakerveld J</td>
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<td>Investigation into the balance of healthy versus less healthy food promotions among Republic of Ireland food retailers</td>
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<td>Food shopping campaign using behavioral economic strategies to improve healthy purchases among rural residents in high obese counties, USA, KY 2015-2016</td>
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<td>The impact of the monthly SNAP issuance cycle on consumer shopping behaviors in a large Northeastern supermarket chain</td>
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<td>Franckle RL, Moran A, Hou T, Block JP, Thorndike AN, Polacsek M, Rimm EB</td>
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<td>Less optimal sleep patterns are associated with poorer diet quality among US adolescents</td>
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<td>Variability in school-night sleep patterns by accelerometry is correlated with body composition in Icelandic adolescents</td>
<td>Rognvaldsdottir V, Brychta RJ, Gudmundsdottir SL, Hrafnkelsdottir SM, Arngrimsson SA, Johannsson E, Cheng KY</td>
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<td>0.23.3</td>
<td>Sleep timing is associated with diet and physical activity levels in 9 to 11 year old children from Dunedin, New Zealand: The PEDALS Study</td>
<td>Harrex H, Skea SF, Black K, Davison B, Haszard J, Meredith-Jones K, Saeedi P, Stoner L, Quigg R, Wong JE, Skidmore P</td>
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<td>0.23.4</td>
<td>Bi-directional association between physical activity and sedentary behavior during the day and nighttime sleep among 10-13 year olds</td>
<td>Lin YY, Janssen I</td>
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<td>0.23.5</td>
<td>Unravelling the compositional effects of time spent in sleep, sedentary behaviour and physical activity on obesity measures in children</td>
<td>Talarico RF, Janssen I</td>
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<td>School breakfast consumption and sleep among high-school students</td>
<td>Caspi CE, Grannon K, Wang Q, Nanney MS</td>
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<td>Links with physical activity, sedentary behavior, diet and child health</td>
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<td>Associations between sleep duration, sedentary time, physical activity and adiposity indicators among Canadian preschool children using compositional analyses</td>
<td>Carson V, Tremblay MS, Chastin SFM</td>
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<td>0.24.3</td>
<td>Perspective of families eligible for a pediatric obesity program</td>
<td>Tabak R, Dsouza N, Flores Jimenez P, Aramburu A, Schwarz C, Quinn K, Kristen P, Haire-Joshu D</td>
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<td>0.24.4</td>
<td>Longitudinal associations between physical activity with body composition and physical fitness in preschool aged children (MINISTOP)</td>
<td>Leppänen MH, Henriksson P, Nyström CD, Henriksson H, Ortega FB, Pomeroy J, Ruiz JR, Cadenas-Sanchez C, Löff M</td>
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<td>Sugar substitutes: Are they linked to obesity and metabolic diseases in college freshmen?</td>
<td>Davis J, Pilles K, Vandyousefi S, Landry M, Khazaee E, Ghaddar R, Asigbee F</td>
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<td>Is there a relationship between how children accumulate moderate to vigorous physical activity and their BMI sds? Findings from the Healthy Lifestyles Programme (HeLP)</td>
<td>Price L, Lloyd J, Wyatt K, Hillsdon M</td>
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19:00 – 22:00
Gala Dinner at the Crystal Garden
### Friday, June 9th: Posters

**11:00 – 12:20: Poster Presentation**

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*Mota J, Martins C, Silva-Santos S, Santos A, Vale S* |
| **P2.01.2** | Seasonal variations and changes in school travel mode from childhood to late adolescence: A prospective cohort study  
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*Fries LR, Fogel A, Goh AT, Chan MJ, Chong YS, Tan KH, Yap F, Shek L, Meaney M, Broekman B, Godfrey KM, Chong MFF, Forde CG* |
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Harris HA, Jansen E, Mallan KM, Daniels LM, Thorpe K

P2.03.40 Long-term effects of comprehensive school health on health-related knowledge, attitudes, self-efficacy, health behaviours and body weight and of adolescents
Ofosu NN, Bastian KA, Ekwaru JP, Loehr S, Spence JC, Storey K, Veugelers PJ

P2.03.41 The association between family environment, stress, and diet quality: Results from the HCHS/SOL Sociocultural Ancillary Study

P2.03.42 Development and assessment of a rewards program to promote healthy menu options and support school wellness programs
McNally S, Patel A, Bowman K, Beleche M, Anzman-Frasca S, Folta S

P2.03.43 Prevalence of overweight/obesity and dietary behaviors among public school students in the US Virgin Islands
Valmond JM, Michael N

P2.03.44 The relationship between parental eating behaviors and infant feeding practices
Khalsa AS, Woo JG, Kharofa RY, Geraghty SR, Dewitt TG, Copeland KA

P2.03.45 Does the effectiveness of a web-based nutrition intervention for adolescents occurs through changes in psychosocial determinants?
Drapeau V, Jacob R, Sanchez M, Panahi S, Gagnon J

P2.03.46 The impact of maternal nutrition on offspring’s risk of non-communicable diseases in adulthood: A systematic review
Wickramasinghe K, Pullar J, Roberts N, Demaio A, Breda J, Foster C, Townsend N

P2.03.47 Feeding during infancy: Dyadic behavioral and physiologic data integration
Hodges E, Propper C, Estrem H, Schultz M, Bahorski J

P2.03.48 Eat smart in parks: Giving voice to youth
Wilhelm Stanis S, Keller K, Deblauw C, Hampton N

P2.03.49 The association of the quality of the diet with the costs of the diet for children in Canada
Bakambu E, Ohinnmaa A, Lieffers J, Veugelers PJ

P2.03.50 Improving the physical activity and outdoor play environment through the Nebraska Go Nutrition and Physical Activity Self-Assessment for Childcare (Go NAP SACC)
Dinkel D, Dev D, Guo Y, Hulse E, Rida Z, Coyle B
Posters: Friday 1100 – 1220 hrs

**P2.03.51** Parental outcomes of a home-based physical activity intervention targeting families of youth with and without Prader-Willi-Syndrome
Wilson KS, Rubin DA

**P2.03.52** Assessing the movement skill profiles of children age 3-5 attending full-time childcare
Rizzardo BMM, Buckler EJ, Warburton DER, Bredin SSD

**P2.03.53** Parental perceived barriers/opinions on sport and children’s sport participation in different geographic settings
Rodrigues D, Padez C, Marôco J, Machado-Rodrigues A

**P2.03.54** Creatively able: An innovative dance intervention for children with autism spectrum disorder

**P2.03.55** Association of proximity to sports facilities and parental perceived barriers with sports participation for children in Portugal
Rodrigues D, Padez C, Machado-Rodrigues A

**P2.03.56** Acute effects of a ballet intervention on executive functions in children with cerebral palsy

**P2.03.57** Are Thai children sufficiently active? Prevalence and correlates of physical activity from a nationally representative cross-sectional study
Amornsriwatanakul A, Lester L, Bull F, Rosenberg M

**P2.03.58** “I wasn’t sure what it meant to be honest.” – Formative research with preschool educators and experts to inform the development of a physical literacy intervention for preschool children
Foweather L, Foulkes J, Fairclough S, Knowles Z

**P2.03.59** Write, draw, show and tell: A mixed-methods case study exploring habitual physical activity among two families
Noonan RJ, Fairclough SJ, Knowles ZR, Boddy LM

**P2.03.60** Gaelic4Girls’: Rationale for the design and development of a community sports-based physical activity (PA) intervention for Irish female youth (8–12 years)
Farmer O, O’ Brien W, Cahill K

**P2.03.61** Association between school health policy environment and student physical activity behavior in elementary schools in Texas, USA
Ganzar LA, Ranjit N, Saxton D, Hoelscher DM

**P2.03.62** Physical activity interventions for autism spectrum disorder: A qualitative study of family experiences and preferences

**P2.03.63** Association between pedestrian traffic safety and objectively measured active transportation among 10-13 year olds
Nguyen A, Williams G, Janssen I

**P2.04** Interventions: All ages

**P2.04.1** Best practices among food-based community organizations: A qualitative analysis
Poulos N, Golazsewski N, Laska M, Pasch K

**P2.04.2** Associations of school level weight status and the restaurant food environment
Poulos N, Laska M, Pasch K
**P2.04.3** Health promotion interventions for police: A systematic review of study characteristics, intervention design, and impacts on health  
*Maccallan F, Karamacoska D, El Masri A, McBride K, Steiner GZ, Cook A, Kolt GS, Klupp N, George E*

**P2.04.4** A randomized-controlled trial to investigate the effectiveness of adjustable workstations and prompts to reduce sedentary behaviour among office workers  
*Lim DW, Luo M, Chu A, Ng S, Lim W-Y, Müller-Riemenschneider F*

**P2.04.5** Long-term effectiveness of food-related if-then plans for weight loss and maintenance  

**P2.04.6** Efficacy of school-based educational and behavioral interventions aimed at decreasing sugar-sweetened beverages consumption among adolescents: A systematic review  
*Vézina-Im LA, Beaulieu D, Bélanger-Gravel A, Boucher D, Sirois C, Dugas M, Provencher V*

**P2.04.7** Psychological effects of physical activity in high-stress caregivers  
*Hives BA, Weiss J, Schilf S, Caplin A, Epel E, Johansen K, Puterman E*

**P2.04.8** 'When you put the group and the running together...' : A qualitative examination of participant and coach experiences of the Canadian Run to Quit program  
*Glowacki K, Priebe C, Atkinson J, Faulkner G*

**P2.04.9** Neighbourhood-level cycling mode share of male and female commuters in Montréal and Vancouver: Influence of proximity to bikeways and commute time  
*Chinn A, Brauer M, Teschke K*

**P2.04.10** Encouraging active transportation to school: Lessons learned from evaluating a pilot Walking School Bus program in Northeastern Ontario  
*Bruner B, Scharoun S, Mayer A*

**P2.04.11** The impact of the girls active intervention on objectively measured moderate- to vigorous-intensity physical activity: A cluster randomised controlled trial  

**P2.04.12** Investigating key implementation factors for engaging men in health interventions in English Premier League Football Clubs using Delphi poll/card sort techniques  
*Pringle A, Zwolinsky S*

**P2.04.13** 10-year stability of physical activity and television viewing during adulthood  
*Yang X, Lounassalo I, Kankaanpää A, Hirvensalo M, Tammelin T*

**P2.04.14** Interventions outside the workplace for reducing sedentary behaviour in adults under 60 years: A systematic review and meta-analysis  
*Murtagh E, Murphy M, Foster C, Milton K, Roberts N, Ogorman C*
## Saturday, June 10th: Program

### 08:30 – 09:45
**Symposia**

| S.33 | The teachable moment for behaviour change in cancer care settings – myth or opportunity?  
(Convenor: Ms. Caroline Kampshoff) | Sidney |
| S.33.1 | Health professionals as gatekeepers to lifestyle intervention trials in cancer settings  
*Anderson AS, Steele RJ, Macleod MA, Stead M* |
| S.33.2 | An exploration of needs and preferences for dietary support in colorectal cancer survivors: A mixed-methods study  
| S.33.3 | Which health professionals provide lifestyle advice to cancer survivors and does it result in behaviour change?  
*James EL, Eakin EG, Girgis A, Reeves MM, Paras L, Zucca AC, Short CE, Boyes AW* |

| S.34 | Built environments promoting walking and cycling among older adults: Research priorities and methodologies  
(Convenor: Dr Jelle Van Cauwenberg) | Oak Bay 1 & 2 |
| S.34.1 | Neighbourhood environments and walking for transportation in older Australians: Exploring the moderating role of retirement village design  
*Nathan A, Cerin E, Wood L, Giles-Corti B* |
| S.34.2 | Micro-scale environmental factors influencing a street’s appeal for transportation cycling among older adults: an experiment with manipulated photographs  
*Van Cauwenberg J, De Bourdeaudhuij I, Clarys P, De Geus B, Deforche B* |
| S.34.3 | Designing age-friendly societies: Impact of urban regeneration on mobility and physical activity in older adults  
*Adlakha D, Tully M, Hunter R, Donnelly M, Prior L, Capples M, Kee F* |

| S.35 | Sedentary time, physical activity and associations with health: Do patterns of accumulation matter?  
(Convenor: Dr Nicola Ridgers) | Salon C |
| S.35.1 | Total volume versus bouts: Prospective relationship of moderate-to-vigorous physical activity and sedentary time with cardiometabolic indicators in primary school children (The CHAMPS-study DK)  
*Chinapaw M, Klakk H, Moller NC, Andersen LB, Altenburg T, Wedderkopp N* |
| S.35.2 | Combating prolonged sitting: Effects of standing interruptions and active sitting on cardiometabolic risk in healthy young men  
*Altenburg TM, Rotteveel J, Serné E, Chinapaw MJM* |
| S.35.3 | Accumulation of physical activity and sedentary time: Influence on bone strength accrual across adolescence  
*Gabel L, Nettlefold L, Macdonald HM, McKay HA* |
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<td>Web and mobile methods to assess or self-monitor dietary intake and provide personalised feedback</td>
<td>Dr Megan Rollo</td>
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<td>Evaluation of a tool to monitor intake and provide personalised dietary advice in the Netherlands</td>
<td>De Vries JHM, De Rijk MG, Witteman BJM</td>
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<td>S.37</td>
<td>Does the intervention even exist in the first place? Linking implementation quality with outcomes in process evaluation</td>
<td>Dr Thomas Skovgaard</td>
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<td>S.37.2</td>
<td>Lessons learned from linking degree of implementation of a school-based obesity prevention program to changes in adolescents’ adiposity measures and behaviors</td>
<td>Van Nassau F, Hoekstra T, Singh A, Van Mechelen W, Brug J, Chinapaw M</td>
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<td>Documenting and improving the nutritional quality of food served by, and purchased from, fast-food and takeaway outlets</td>
<td>Prof. Martin White</td>
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<td>Examining consumer and producer responses to restaurant menu labeling requirements</td>
<td>Sturm R, Huang C</td>
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<td>Health promotion in socially disadvantaged populations: An eye on their needs</td>
<td>Prof. Greet Cardon</td>
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Saturday 0830 – 1100 hrs

S.39.2 Barriers and facilitators for healthy physical activity, sedentary behaviour and dietary habits in young European families at risk for type 2 diabetes: Focus groups with teachers and local community workers

S.39.3 EuroDHYAN - needs assessment and development of an intervention approach for type 2 diabetes prevention in South-Asian migrants
Kumar B, Qureshi S, Diaz E

S.40 Effective intervention features and behavior change strategies in weight management interventions for pregnant and postpartum women: Candidates for translation (Convenor: Prof. Christine Olson)

S.40.1 Use of healthy conversation skills by a registered dietitian to support women to improve lifestyle behaviors in pregnancy
Bell R, Adam L, Barker M, Lawrence W, Manca D

S.40.2 Effectiveness of the LEVA protocol among postpartum women: Results from the randomized controlled LEVA in Real Life trial
Brekke H, Huseinovic E, Bertz F, Winkvist A

S.40.3 Electronic self-monitoring of gestational weight gain is associated with reduced risk of excessive weight gain in not-low income women
Olson C, Strawderman M, Graham M

10:00 – 11:00

Orals

O.25 Active transport in children and youth

O.25.1 Differences in children's school travel behaviours, cardiovascular fitness and physical activity between urban and suburban neighbourhoods in Metro Vancouver, Canada
Macdonald H, Nettlefold L, Mah S, Winters M, McKay H

O.25.2 Children's objectively measured active transportation to school and other destinations
Williams GC, Janssen I

O.25.3 Walking routes to promote physical activity in children with autism
Oreskovic N, Duggan M, Kuhlthau K

O.25.4 Targeted infrastructure changes did not modify school travel behaviours in suburban elementary school children
Nettlefold L, Mah S, Macdonald HM, Winters M, McKay HA

O.25.5 Self-reported walking volume and pace in a large representative sample of Irish third level students
Murphy MH, Woods C, Murphy N, MacDonncha C, Nevill AM

O.26 Physical activity and sedentary behavior interventions in preschoolers

O.26.1 Mini Movers: A randomised controlled trial to reduce sedentary behaviour in 2- to 4-year-old children
Downing K, Salmon J, Hinkley T, Hnatiuk J, Hesketh K
### 0.26.2 An m-health intervention to increase physical activity and decrease sedentary behaviour in 1-3 year olds

Hesketh KD, Hinkley T, Stephens LD, Fjeldsoe B, Salmon J

### 0.26.3 Effectiveness of an intervention to increase physical activity among preschoolers in childcare: A randomized controlled trial

Tucker T, Vanderloo L, Timmons B, Johnson A, Burke S, Irwin J, Driediger M, Gaston A

### 0.26.4 Impact of childcare centre outdoor play space upgrades on young children's physical activity


### 0.26.5 Are digital media, physical activity and sports participation associated with executive functions in preschool children?

McNeill J, Howard S, Vella S, Hinkley T, Santos R, Cliff D

### 0.27 Physical activity, sedentary behavior, diet and cognitive performance in children

#### 0.27.1 Associations of maternal and child sugar intake with child cognition

Cohen JFW, Rifas-Shiman SL, Young J, Gillman MW, Oken E

#### 0.27.2 Effects of in-line skating program in children with Autism Spectrum Disorders

Ma WY, Huang CY, Chen PL, Sung MC, Pan CY, Tsai CL

#### 0.27.3 The combined impact of diet, physical activity, screen time and sleep on academic achievement: A prospective study of elementary school students in Nova Scotia, Canada

Faught EL, Ekwaru JP, Gleddie D, Storey KE, Asbridge M, Veugelers PJ

#### 0.27.4 The 3-year longitudinal impact of sedentary behaviour on the academic achievement of adolescents

Hunter S, Leatherdale S, Carson V

#### 0.27.5 Is cognitive performance influenced by sedentary exposure or physical activity? Results from a 6-yr prospective study of youth

Wickel EE, Howie EK

### 0.28 Gamification of physical activity / sedentary behavior

#### 0.28.1 Effectiveness of an incentive-based mHealth intervention to increase physical activity: A prospective cohort analysis of the Carrot Rewards application

Mitchell M, White L, Oh P, Faulkner G

#### 0.28.2 Exercising motivations as predictors of fitness app feature use

Stragier J, Vanden Abeele M

#### 0.28.3 M-health narrative game intervention increased exercise identity and intrinsic motivation among sedentary adults

Lyons EJ, Lewis ZH, Swartz MC, Wong CC, Martinez ES

#### 0.28.4 Gotta Catch’em All: Increased walking time and sitting time at weekends in Pokémon Go users compared to non-users

Broom DR, Flint SW

#### 0.28.5 Beat the Street – harnessing technology and gamification for population level changes in physical activity

Harris M, Bird W
### Saturday 1000 – 1100 hrs

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<td>Lehto R, Ray C, Koivusilta L, Vepsäläinen H, Nissinen K, Lehto E, Erkkola M, Roos E</td>
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<td>Foods, nutrition practices, and policies of family child care homes in Mississippi by participation in the Child and Adult Care Food Program</td>
<td>Erinosho T, Vaughn A, Hales D, Mazzucca S, Ward D</td>
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<td>Impact of a family child care home (FCCH) intervention on diet quality in preschool-age children</td>
<td>Ward DS, Vaughn AE, Benjamin-Neelon SE, Hales D, Burney R, Bangdiwala SI, Gizlice Z, Østbye T</td>
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<td>0.29.5</td>
<td>Building food parenting skills to reduce solid fat and added sugar intake among low-income preschoolers: The Food, Fun, and Families (FFF) intervention</td>
<td>Fisher JO, Serrano E, Foster GD, Hart C, Bruton Y, Whitaker RC, Davey A, Lawman H, Ruth K</td>
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<td>Nutrition programs and policies in school and communities</td>
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<td>School nutrition programs and policies, dietary intake, and obesity: The Healthy Communities Study</td>
<td>Au L, Woodward-Lopez G, Gurzo K, Kao J, Crawford P, Ritchie L</td>
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<td>School gardens: A qualitative study on current practices in Flanders and recommendations for future projects</td>
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<td>A three-year longitudinal evaluation of fruit and vegetable preferences of students taking part in the Northern Fruit and Vegetable Program</td>
<td>Woodruff SJ, Coyne P</td>
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<td>0.30.4</td>
<td>Increasing the implementation of a mandatory state-wide school healthy food policy: Results of three randomised-controlled trials</td>
<td>Nathan N, Yoong S, Williams CM, Reilly K, Delaney T, Sutherland R, Gillham K, Wiggers J, Wolfenden L</td>
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<td>Comparative cost-effectiveness of interventions to improve school implementation of a healthy canteen policy</td>
<td>Reilly K, Reeves P, Deeming S, Nathan N, Yoong S, Wolfenden L, Wiggers J</td>
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0.31.3 Portraying role models to promote stair climbing in a public setting: The effect of matching sex and age
Boen F, Van Hoecke AS, Hurkmans E, Smits T, Fransen K, Seghers J

0.31.4 Influence of a community-based lifestyle modification intervention on participants’ family and friends’ body weight
Seguin RA, Graham ML, Donoso R, Sriram U

0.31.5 Impact of a 3-month intervention on body weight, blood pressure, lipids, and physical activity: The IMAGINE trial

0.32 Process evaluation of physical activity and dietary interventions

0.32.1 Findings from the process evaluation of 'Healthy Lifestyles Programme' (HeLP) cluster randomised controlled trial: A school-based obesity prevention intervention for 9-10 year olds

0.32.2 Effectiveness and cost effectiveness of the 'Healthy Lifestyles Programme' (HeLP) cluster randomised controlled trial: A school-based obesity prevention intervention for 9-10 year olds

0.32.3 A mixed methods process evaluation of The Farm Fresh Foods for Healthy Kids (F3HK) Program

0.32.4 Process evaluation of a national workplace physical activity intervention in Canada: UPnGO with ParticipACTION
Lau E, Duncan M, Riazi N, Fender L, Leblanc A, Faulkner G

0.32.5 Process evaluation of a community-based programme for engaging inactive adults in sport and physical activity
Steer RJ, Adams EJ

0.33 Physical activity and dietary interventions in cancer patients and survivors

0.33.1 Overcoming knowledge gaps on the links between weight, diet, physical activity and cancer risks: Lessons from the ‘1 in 3 Cancers’ prevention campaign

0.33.2 Evaluating the feasibility of a novel approach to increasing physical activity levels in breast cancer survivors: A RE-AIM analysis
Pullen TN, Caperchione CM

0.33.3 Identifying optimal exercise prescriptions to improve quality of life and physical function in patients with cancer during and post treatment: A meta-analysis of randomized controlled trials
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See page 116 for Saturday Posters<br>Salon A  
12:00 – 13:15 Symposia |
| S.25             | Psychosocial well-being, weight status, cardiometabolic markers and the mediating/moderating role of eating behaviors and physiological parameters in European youth  
(Convenor: Wolfgang Ahrens)  
Saanich 2 |
| S.25.1           | Bidirectional associations between psychosocial well-being and body mass index in European children: Longitudinal findings from the IDEFICS study  
| S.25.2           | The associations between psychosocial well-being and cardiometabolic markers in European children and adolescents  
Thumann B, Bönhorst C, Ahrens W, De Henauw S, Michels N |
| S.25.3           | Stress and obesity in children: Physiological and dietary aspects  
Michels N, Sioen I, Claeys E, Huybrechts I, Ahrens W, De Henauw S |
| S.26             | Going Green: Advancing interventions for understanding the value of parks and green space to physical activity and public health  
(Convenor: Dr Andrew Kaczynski)  
Oak Bay 1 & 2 |
| S.26.1           | The impact of park refurbishment on park visitation and park-based physical activity: A natural experiment  
Veitch J, Salmon J, Crawford D, Giles-Corti B, Abbott G, Carver A, Timperio A |
| S.26.2           | Park characteristics influencing the supportiveness for park visitation and park based physical activity in adolescents: A choice-based conjoint analysis with manipulated photographs  
| S.26.3           | Environmental, health, and equity effects of urban green space interventions: A systematic review  
Hunter R, Cleland C, Cleary A |
| S.27             | Correlates of sedentary behaviour in adults  
(Convenor: Prof. Hidde van der Ploeg)  
Saanich 1 |
| S.27.1           | Associations of occupation with behavioural risk factors and cardio-metabolic disease. Data of 324,938 working adults from the UK Biobank  
Chau J, Cassidy S, Catt M, Bauman A, Trenell M |
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<td>Van Nassau F, Mackenbach J, Compernolle S, De Bourdeaudhuij I, Lakerveld J, Van Der Ploeg H</td>
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<td>Cross-sectional associations between physical environmental factors and domain-specific sedentary behaviours in adults: Moderating role of socio-demographic variables</td>
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<td>Man or machine? How far are we in the field of smart devices for dietary data collection</td>
<td>(Convenor: Dr Bent Egberg Mikkelsen)</td>
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<td>Relative validity of an image-based method for the assessment of dietary intake in pregnant women</td>
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<td>S.30</td>
<td>New questions, enhanced methods to understand food environment contributions to health and policy implications</td>
<td>(Convenor: Dr Shannon Zenk)</td>
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<td>McMullen J, Martin R, Murtagh E</td>
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13:15 – 14:15  
Lunch  
Pre-Function 1A and 2A  
14:15 – 15:30  
Symposia  

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<td>Olstdad T, Teychenne M, Minaker L, Tabor D, Raine K, Nykiforuk C, Ball K</td>
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<td>Giangregorio L, McArthur C, Templeton J, Laprade J, Jain R, Ziebart C, Cheung A, Lee L, Papaioannou A</td>
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**Hidding LM, Chinapaw MJM, Altenburg TM**

0.34.3 Understanding the context for urban form changes: A concept mapping exercise amongst stakeholders in three cities
**Winters M, Fuller D, Rondier P, Kestens Y**

0.34.4 Planning for walkability with public health assessment models
**Frank L**

0.34.5 The development of a national built, natural & social environmental indicator database
**Fox E, Frank L**

0.34.6 What’s next for environment and policy research related to behavioral nutrition and physical activity? A research agenda
**Lakerveld J**

0.35 Physical activity and dietary interventions in children Saanich 1

0.35.1 Turn up the heat (healthy eating and physical activity) in summer day camps: First year physical activity outcomes

0.35.2 In-line skating training for children with attention deficit hyperactivity disorder
**Huang CY, Ma WY, Chen PL, Liu YJ, Sung MC, Pan CY**

0.35.3 The effectiveness of sit-to-stand desks to reduce sitting time within a primary school classroom: An 8 month controlled trial
**Sherry AP, Pearson N, Ridgers ND, Barber SE, Bingham DD, Dunstan DW, Clemes SA**

0.35.4 Optimising interventions by involving stakeholders in formative research: An example from the Peer-Led physical Activity iNtervention for Adolescent girls (PLAN-A) Feasibility Study
**Sebire S**

0.35.5 Process evaluation of a smarter lunchrooms RCT comparing school-selected cafeteria changes with assigned changes
**Gaines A, Hill T, Dollahite J**

0.35.6 Health literacy in a multimodal online digital media landscape: How paediatric patients with obesity experience online weight-, food-, and health information
**Holmberg C, Berg CM, Dahlgren J, Lissner L, Chaplin JE**

0.36 Physical activity and sedentary behavior in older adults Saanich 2

0.36.1 Examining the relationships of physical activity and sedentary behaviour with sleep quality in later life: A cross-sectional study
**Falck RS, Landry GJ, Liu-Ambrose T**

0.36.2 Which psychological, social and physical environmental characteristics predict changes in physical activity and sedentary behaviors during early retirement: A Longitudinal Study
**Van Dyck D, Cardon G, De Bourdeaudhuij I**

0.36.3 The impact of physical activity and sitting time on frailty free life expectancy
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0.36.4 Older adults’ response to participating in a provincial, choice-based physical activity intervention: Choose to Move

0.36.5 Recent trends in population levels of sitting time in Australian adults
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0.36.6 Are older adults influenced by a scale-up of a province-wide physical activity strategy in BC, Canada?
Nettlefold L, Sims-Gould J, Hoy C, Bauman A, McKay HA

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| **P3.01.2** | Do type and size of natural environments play a role in physical activity behaviors?  
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| **P3.01.3** | Implementation of the Netherlands nutrition centre guidelines for healthier canteens in secondary schools in the Netherlands: A process evaluation  
Evenhuis IJ, Vyth EL, Veldhuis L, Jacobs SM, Seidell JC, Renders CM |
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Frehlich L, Friedenreich C, Nettel-Aguirre A, Alaniz Uribe F, McCormack G |
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| **P3.01.7** | Parental perceptions of cycle skills training for adolescents  
| **P3.01.8** | Time use, life transitions, and environmental factors related to motivations for dropout in youth sport  
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| **P3.01.9** | Implementing a food assortment scoring tool (FAST) in food pantries to monitor nutritional quality  
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| **P3.01.10** | Assessing validity of a new web-based self-administered 24-hour dietary recall against food records for energy and nutrient evaluation in the French Canadian population  
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| **P3.01.11** | Laying down the context: Baseline findings from natural experiment study of Biketoria, a city-wide cycling network in Victoria, British Columbia  
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| **P3.01.14** | Insights from 12 branded marketing and media campaigns can be used to inform future efforts to promote a healthy diet in the United States  
Englund TR, Kraak VI, Zhou M, Duffey KJ |
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<td>Built environmental characteristics associated with blood lipids: A systematic review</td>
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P3.01.31  Truth in marketing? Exploring ‘health’ labeling of foods and beverages in vending machines in Canadian recreation and sport settings  
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P3.01.32  Facilitators, barriers, and benefits to integrative knowledge translation within the context of an international research partnership  
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P3.01.34  Feasibility study of electrically-assisted cycling in people with type 2 diabetes  
Page AS, Tibbitts B, Searle A, Ranger E, Cooper AR

P3.01.35  REFRESH: Recreation environment and food research experiences from hockey, adolescent perspectives revealed through photovoice  
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P3.01.36  Increasing fresh fruit and vegetable purchasing among low-income families: Evaluation of the LINK UP Illinois Farmers Market Incentive Program  
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P3.01.37  Assessing the retail food environment as a predictor of participation in a community-based food access intervention  
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P3.01.38  Sugar-sweetened beverage consumption in Canada  
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P3.01.39  Predicting the impact of a sugar-sweetened beverage tax on health and health costs in Canada: A modeling study  
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P3.01.40  Increasing access to loose equipment in public playgrounds using Playboxes: A pilot study  
Naylor PJ, Trill D, Kaushal N, Lim C

P3.01.41  National representative study on objectively assessed physical activity of Czech adolescents in home and school neighborhood environments  
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Livingstone KM, McNaughton SA

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**P3.02.3** Influence of sensory integration on behavior, cognition and mood in children diagnosed with autism  
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**P3.02.4** What mums think matters: A mediating model of maternal perceptions of the impact of screen time on preschoolers’ actual screen time  
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**P3.02.5** Effects on dietary habits, sedentary behavior and physical activity from a structured lifestyle intervention program  
Lidin M, Ekblom-Bak E, Rydell-Karlsson M, Hellènius ML

**P3.02.6** Fundamental movement skill interventions in early childhood: A systematic review and meta-analysis  

**P3.02.7** A biochemical and socio-behavioral analysis of nutritional health status of elderly Indian diabetics  
Nigam R

**P3.02.8** Influences and determinants of eating behaviours in three to five year olds in Early Education and Care settings  
Harte S, Vidgen H, Gallegos D, Thorpe K

**P3.02.9** Promoting health literacy in older adults – participatory intervention development within the study “GeWinn”  
Killenberg A, Ladebeck N, Baumgarten K, Hassel H

**P3.02.10** Childcare centers promoting physical activity: Development of a quality certification process in Bavaria  
Mueller C, Popp V, Ungerer-Roehrich U, Hassel H

**P3.02.11** Effect of training with weight and pelvic floor muscles on urinary loss and quality of life of older women with urinary incontinence  
Zarpellon Mazo G, Rosana Bertoldo Benedetti T, Cristina Menezes E, Franck Virtuoso J

**P3.02.12** Analysis of rural child daycare centers adherence to recommended dietary intake  
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**P3.02.13** An intervention to improve nutrition guideline compliance in childcare services  

**P3.02.14** Measuring implementation behaviour of menu guidelines in the childcare setting: Confirmatory factor analysis of a theoretical domains framework questionnaire (TDFQ)  

**P3.02.15** Sedentary time and health outcomes in older adults: An update of the evidence  
Lewis L, Behrndt L, Dawkins A, Hill S, Williams T, Gardiner P

**P3.02.16** 8-year trends in physical activity, nutrition, TV viewing time, smoking and alcohol in older compared to younger Queensland adults  
Alley SJ, Duncan MJ, Schoeppe S, Rebar AL, Vandelanotte C
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P3.02.17  Feasibility of using GPS, skin-taped accelerometers and VERITAS in a community-based participatory intervention study on older adults
Schmidt T, Schipperijn J

P3.02.18  Impacts of a new greenway on older adult mobility: A mixed-methods analysis in Vancouver, BC

P3.02.19  Examining kindergarten readiness and level of physical activity with the introduction of an online physical literacy intervention in the early childcare setting
Buckler El, Lasinsky AL, de Faye A, Hives B, Meanwell L, Warburton DER, Bredin SSD

P3.02.20  Parent perceptions of mobile device use among young children in rural preschool centers
McCloskey ML, Johnson SL, Benz C, Chamberlin B, Clark L, Thompson DA, Bellows LL

P3.02.21  A randomised controlled trial of a web-based menu planning, systems intervention to improve childcare service adherence to dietary guidelines
Yoong S, Grady A, Wiggers J, Flood V, Rissel C, Searles A, Finch M, Wolfenden L

P3.02.22  Theory informed assessment of barriers and enablers to implementation of dietary guidelines in childcare centres

P3.02.23  Building the capacity of Australian child care centres to support healthy eating
Matwiejczyk LK, Mehta K

P3.02.24  Learning to swim – learning outcomes and self-perceived swimming proficiency
Koch S, Junggren S

P3.02.25  Environmental correlates of physical activity for children in family child care homes
Mazzucca S, Vaughn A, Neshteruk C, Burney R, Ward D

P3.02.26  The acceptance of personal health devices among elderly population
Chen HA, Kuo PC, Chang CW, Cheng IJ, Lin BJ, Chen S, Chang WD, Lan YC

P3.02.27  Ongoing University and City partnership establishes BMI monitoring system: Downward trend found among preschool children in Hartford, CT
Ferris A, Havens E, Wakefield D, Quesada C, Schilling E

P3.02.28  The needs of parents and preschool teachers regarding nutrition and physical activity in preschoolers: A qualitative exploration
van de Kolk I, Manders RM, Gerards SMPL, Kremers SPJ, Gubbels JS

P3.02.29  Systematic review of combinations of movement behaviours and health in the early years (aged 0–4 years)
Kuzik N, Poitras VJ, Tremblay MS, Jaramillo A, Lee EY, Hunter S, Carson V

P3.02.30  Educator characteristics that predict implementation fidelity to a nutrition curriculum in head start
Swindle T, Curran G, Rutledge J, Whiteside-Mansell L

P3.02.31  Social dance for older adults: What is the volume and intensity of physical activity performed?
Benedetti T, Guidarini F, Scherer F, Santos C, Borgatto A

P3.02.32  Family child care home provider attitudes and practices related to feeding, physical activity and screen time of the 2–5 year old children in their care
Gans K, Risica P, Tovar A
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