



# ICDAM9

## International Conference on Diet and Activity Methods 2015

1 - 3 September 2015  
Brisbane Convention and Exhibition Centre | Brisbane

# PROGRAM



## ICDAM9

[www.icdam9australia.com](http://www.icdam9australia.com)

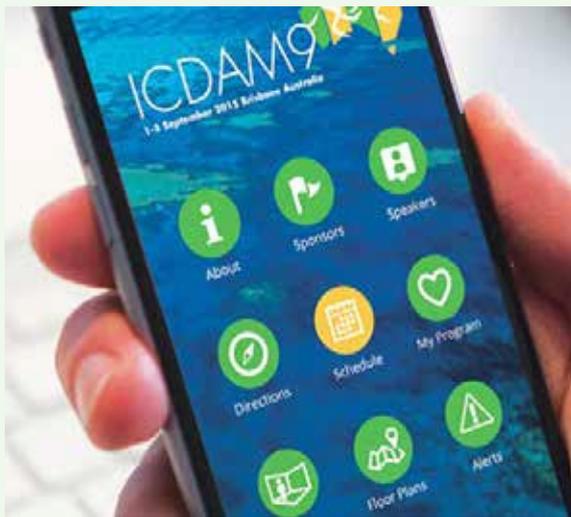
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## Conference organiser

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## Committees

### ICDAM 9 Committee

Professor Andrew P Hills – Mater Research Institute,  
University of Queensland  
David Keating OAM  
Professor Neil King – Queensland University of Technology  
Professor Nuala M Byrne – Bond University  
Martin Bowerman

### ICDAM 9 Advisory Committee

Professor Barbara Ainsworth – Arizona State University  
Professor Ross Arena - University of Illinois at Chicago  
Professor Adrian Bauman – University of Sydney  
Professor Stuart Biddle – Victoria University  
Professor John Blundell – University of Leeds  
Dr Barbara Burlingame - Food & Agriculture Organization  
of the United Nations  
Professor Clare Collins – University of Newcastle  
Professor Malcolm Granat – University of Salford  
Dr Sofia Guiomar - Instituto Nacional De Saude Doutor  
Ricardo Jorge  
Professor Berit Heitmann - Institute of Preventive Medicine  
Professor Steven Heymsfield - Louisiana State University  
Professor Peter Howat – Curtin University  
Professor Roger Hughes – Bond University  
Dr Masa Kagawa - Kagawa Nutrition University  
Associate Professor Deborah Kerr – Curtin University  
Dr Jacqueline Kerr – University of California San Diego  
Associate Professor David Lubans – University of Newcastle  
Professor Alfredo Martinez - University of Navarra  
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Dr Najat Mokhtar - International Atomic Energy Agency  
Professor James Sallis – University of California San Diego  
Associate Professor Yves Schutz – University of Lausanne  
Dr Amy Subar - National Cancer Institute  
Professor Sherry Tanumihardjo - University of Wisconsin  
Dr Douglas Taren - Mel and Enid Zuckerman College of  
Public Health, University of Arizona  
Dr Richard Troiano - US Public Health Service  
Professor Stewart Trost – Queensland University of  
Technology  
Mr Alton Twine – Gold Coast City Council  
Professor Willem van Mechelen – VU University Medical  
Centre  
Professor Mark Wahlqvist – Monash University

## Welcome



Dear delegates  
and colleagues

A very warm  
welcome to  
Brisbane for  
ICDAM9!

We've been  
looking forward  
to hosting this

important meeting for some time - in fact  
it's approximately 6 years ago that we  
developed our successful bid. It's hard  
to believe how quickly time has passed  
since then.

The ICDAM9 scientific program  
boasts an outstanding list of local and  
international speakers and an exciting  
list of important symposia addressing  
the latest research in diet and activity  
methodology.

We are particularly excited to be able  
to showcase the work of higher degree  
research students and more experienced  
researchers in a range of oral and poster  
presentation formats. Similarly, we are  
very confident that all participants will  
enjoy both a quality scientific program  
and fun social program in Brisbane's  
premier and world-renowned conference  
venue, Brisbane Convention and  
Exhibition Centre.

Once again, welcome to Brisbane. I look  
forward to interacting with as many of  
you as possible during the 3-day event.

**Andrew Hills PhD**  
Conference Chair

# General Information

## Abstracts

The abstract book is available for download from the Conference website [www.icdam9australia.com](http://www.icdam9australia.com)

## Car parking

The Convention Centre's undercover car park can be accessed from Merivale or Grey Street and is a maximum of AUD26 per day. The car park is open 24 hours a day with onsite security.

## Conference Compendium

Every registered delegate will receive an official Conference compendium upon registration that will include a note pad, sponsor inserts and other items.

## Conference Venue & Accommodation

Brisbane Convention & Exhibition Centre  
Cnr Merivale and Glenelg Streets  
South Bank, Brisbane, QLD 4101

## Dietary requirements

If you have advised the Conference Secretariat of special dietary requirements, please speak to a member of catering staff at the commencement of each meal break / social function.

## Duplication / recording

Unauthorised photography, audio taping, video recording, digital taping or any other form of duplication is prohibited in the conference sessions.

## Emergency details

In an emergency telephone **000** for Ambulance, Fire Service or Police. For non-emergency medical situations call **13 12 33** for an ambulance.

## Exhibition opening times

The exhibition will be held in the Plaza Foyer and will be open at the following times.

Tuesday 1 September	7.00am – 8.00pm
Wednesday 2 September	7.30am – 3.30pm
Thursday 3 September	7.30am – 6.00pm

## Internet and WIFI Access

Wireless internet (Wi-Fi) will be available free of charge for delegates at the BCEC. Join the BCEC Link network.

## Mobile phones and electronic devices

As a courtesy to speakers and your fellow delegates, please switch off your phones and electronic devices during presentations and whilst in session.

## Name badges

For security purposes, delegates, speakers, exhibitors and staff are required to wear their name badge to all sessions, the exhibition and social functions. Entrance into sessions is restricted to registered delegates only. If you misplace your name badge please see staff at the registration desk to arrange a replacement.

## Note Pad and Pen

Every registered delegate will receive a note pad and pen in their delegate compendium, to be used during and after the Conference has concluded.

## Registration and information desks

The registration desk is located on the Plaza Level. The desk will be open at the following times.

Tuesday 1 September	7.00am – 6.30pm
Wednesday 2 September	7.30am – 5.30pm
Thursday 3 September	7.30am – 5.30pm

## Smoking

Smoking is not permitted indoors at The Brisbane Convention & Exhibition Centre. Smokers must always remain at least 4m from any doorway when smoking. Fines can be imposed for smoking in prohibited places.

## Speakers' preparation room

The speakers' preparation room is located next to the Conference registration desk on the plaza foyer. Please visit the staff in the speakers' preparation room to load your presentation. Please be sure to load your presentation at least 3 hours prior to your scheduled presentation time.

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## DAY 1 - Tuesday 1 September 2015

All sessions run for the full allotted time.

0700 - 1830	Registration		
0900 - 0930	Official Opening and Welcome		PLAZA AUDITORIUM
0930 - 1030	<b>Plenary</b> Physical Activity: historical and future perspectives <b>Barbara Ainsworth</b>		PLAZA AUDITORIUM
1030 - 1100	Morning Tea		
ROOMS:	PLAZA AUDITORIUM	P6 & P7	P8
1100 - 1300	<b>S1:</b> <b>Physical Activity Technologies</b> <i>Chairs: Sebastien Chastin &amp; Patty Freedson</i>	<b>S2:</b> <b>Symposium: Advancing Dietary Patterns Research: Levels, Layers and Lifecourse</b> <i>Chairs: Susan Krebs-Smith &amp; Sarah McNaughton</i>	<b>S3:</b> <b>Dietary Patterns and Health Implications</b> <i>Chairs: Claire Margerison &amp; Ingrid Hickman</i>
	Physical activity and wearable sensors <b>Patty Freedson</b>	Dietary Patterns Framework: Extending Research Methods through Levels, Layers, and Lifecourse <b>Susan Krebs-Smith</b>	The impact of dietary methodology when translating research into practice: Clinical advice for liver disease as a test case <b>Ingrid Hickman</b>
	Relationship of locomotive and non-locomotive physical activity among elementary school children in Japan: A cross-sectional study <b>Mahenderan Appukutty</b>	Layers: Understanding dietary patterns and diet quality: Considering the importance of meal patterns <b>Sarah McNaughton</b>	Fruit and vegetable consumption in Vietnam, and the use of a standard serving size to measure intake <b>Tan Bui</b>
	Differences in accelerometer-derived physical activity and sedentary time among toddlers between two procedures for removing naps <b>Valerie Carson</b>	Levels: Applying the HEI to Multiple Levels of the Food Stream <b>Susan Krebs-Smith</b>	Dietary factors and low-grade inflammation in post-menopausal women of the Malmo Diet and Cancer (MDC) cohort <b>Joana Dias</b>
	Relative validity of a self-reported multi-context sitting time questionnaire with monitor-assessed overall sitting time: AusDiab3 <b>Bronwyn Clark</b>	Life course: Enriching knowledge of diet-disease relationships through appreciation of life course influences in dietary pattern change <b>Larry Kushi</b>	Following the 2015 Dietary Guidelines for Americans (DGA) leads to a more nutrient-dense diet and lower risk of obesity <b>Mahsa Jessri</b>
	How many are we missing? Attrition and non-compliance in randomized controlled trials using accelerometers to measure children's physical activity <b>Erin Howie</b>		Dietary pattern, food groups and the contribution of dietary component in relation with nutritional status among adults in urban Indonesians <b>Helda Khusun</b>
	The usage rate of Polar loop accelerometer during one year holistic wellbeing coaching program <b>Minna Tanskanen</b>		Associations between dietary patterns and blood pressure in a sample of Australian adults <b>Claire Margerison</b>
	Isolating Out-of-Bed Wear from Non-Wear and In-Bed Wear Periods in Young Adults Hip-Worn Accelerometer Data (Continuous Wear Protocol) <b>Joanne McVeigh</b>		Comparable dietary patterns describe dietary behaviour across ethnic groups in the Netherlands, but different elements in the diet are associated with HbA1c and fasting glucose concentrations <b>Mary Nicolaeou</b>

# PROGRAM - DAY 1

ROOMS:	PLAZA AUDITORIUM	P6 & P7	P8
	Automated identification of waking wear time in continuously worn activPAL3 data: two algorithms <b>Elisabeth Winkler</b>		The Development And Validation Of A Tool To Assess Breakfast Eating Habits In Young New Zealand Women <b>Sarah Philipsen</b>
			The Glycemic Index of beer and its contribution to dietary Glycemic Index and glycemic load in The Netherlands <b>Diewertje Sluik</b>
<b>1300 - 1400</b>	<b>Lunch &amp; Poster Session</b>		
ROOMS:	PLAZA AUDITORIUM	P6 & P7	P8
<b>1400 - 1530</b>	<b>S4:</b> New Technologies for Improving Dietary Intake Measurement <i>Chairs: Neil King &amp; Deb Kerr</i>	<b>S5:</b> Is Increasing Activity the Same as Decreasing Inactivity? <i>Chairs: Adrian Bauman &amp; Stuart Biddle</i>	<b>S6:</b> Movement Technologies <i>Chairs: Malcolm Granat &amp; Sarah Shultz</i>
	Dietary exposure assessment using new methodologies <b>Janet Cade</b>	Sit less and move more: targeting change across the activity spectrum <b>Genevieve Healy</b>	Advances in measurement technologies <b>Mingui Sun</b>
	Use of automated self-administer 24 hour dietary recall (ASA24) in the real world <b>Amy Subar</b>	Moving more, sitting less: strategies, approaches and assessment for behaviour change <b>Stuart Biddle</b>	Accelerometry data treatment of interruption in physical activity bout analysis to estimate cardiorespiratory responses under free-living conditions <b>Makoto Ayabe</b>
			Usage and acceptability of the LUMObac activity tracker <b>Charlotte Brakenridge</b>
			Differentiating lying down from sitting using a single ActivPAL3 monitor <b>Malcolm Granat</b>
	Design and characteristics of European adults interested in internet-based personalised nutrition: The Food4Me Study <b>Katherine Livingstone</b>	Should we invest in 'sitting less' or 'moving more'? The epidemiological evidence and policy consequences of researcher attention on inactivity and sedentary behaviours <b>Adrian Bauman</b>	Analysis of the feasibility of using bicycle GPS tracking data (Strava) <b>Kristi Heesch</b>
	Examination of plausible reporting with the Image-based Mobile Food Record in young adults <b>Carol Boushey</b>		Using multi-modal web and smartphone methods to improve estimates of light-to-moderate intensity physical activity <b>Michelle Mendez</b>
	Factors associated with 'willingness to record' with an image-based mobile food record in young adults <b>Deborah Kerr</b>		
<b>1530 - 1600</b>	<b>Afternoon Tea</b>		

# PROGRAM - DAY 1

ROOMS:	PLAZA AUDITORIUM	P6 & P7	P8
1600 - 1800	<b>S7:</b> <b>Symposium: Open Access to High Quality Methods in Diet and Activity</b> <i>Chairs: Margaret Allman-Farinelli &amp; Clare Collins</i>	<b>S8:</b> <b>Symposium: Challenges and Opportunities for Measuring Physical Activity in Children</b> <i>Chairs: David Lubans &amp; Stewart Trost</i>	<b>S9:</b> <b>Measuring Intake and Expenditure for Exercise and Training</b> <i>Chairs: Nuala Byrne &amp; Masaharu Kagawa</i>
	The Australasian Child and Adolescent Obesity Research Network Tools to guide dietary intake methodology selection <b>Clare Collins</b>	Compliance to objective monitoring protocols in physical activity interventions: are we capturing enough days and participants to have confidence in our findings? <b>David Lubans</b>	Training load in athletes <b>Aaron Coutts</b>
	The National Cancer Institute's Dietary Assessment Primer <b>Susan Krebs-Smith</b>	Challenges and opportunities for measuring physical activity and sedentary behaviour in children and adolescents: What do we know and how can we improve compliance? <b>Dylan Cliff</b>	Measuring intake and expenditure for exercise and training <b>Chris McLellan</b>
	The Population Health Sciences Measurement Toolkit: Easier Access to Better Methods <b>Simon Wheeler</b>	Adolescents' Perceptions of the Objective Physical Activity Monitoring Process: A Qualitative Exploration <b>Joseph Scott</b>	Measuring energy intake in athletes <b>Kristen Mackenzie-Shalders</b>
	Discussant <b>Teresa HM Da Costa</b>	Using the SenseWear Armband to Assess Physical Activity and Sedentary Behaviour <b>Nicky Ridgers</b>	Can Abdominal-to-Height Ratio (AhtR) be a useful index for physical fitness in Japanese elderly? <b>Masaharu Kagawa</b>
		Challenges and opportunities for measuring physical activity and sedentary behaviour in children and adolescents: What do we know and how can we improve compliance? <b>Christiana van Loo</b>	The accurate prediction of RMR in athlete populations: which methodologies and technologies are required? <b>Kristen Mackenzie-Shalders</b>
		Machine learning approaches for activity recognition and energy expenditure prediction in youth: Are we making any progress? <b>Stewart Trost</b>	Is foot structure related to the time healthy young women spend in various intensities of physical activity? Initial findings <b>Sarah Shultz</b>
1800 - 1900	Welcome Reception		

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## DAY 2 - Wednesday 2 September 2015

All sessions run for the full allotted time.

0700 - 1730	Registration		
0830 - 0930	<b>Plenary</b> Dietary Reporting: Historical and Future Perspectives <b>Barbara Livingstone</b>		PLAZA AUDITORIUM
0930 - 1000	Morning Tea		
ROOMS:	PLAZA AUDITORIUM	P6 & P7	P8
1000 - 1200	<b>S10:</b> Symposium: ISCOLE: Novel Methods for Measuring Physical Activity, Sedentary Behaviours and Sleep  Chairs: Peter Katzmaryzk & Jose Maia	<b>S11:</b> Symposium: Use of Technology in Dietary Intake and Food Environment Assessment  Chairs: Manny Noakes & Gilly Hendrie	<b>S12:</b> Symposium: INFORMAS 1: Benchmarking Food Environments: Country Experiences  Chairs: Amanda Lee & Stephanie Vandevijvere
	Quality control program for standardizing accelerometry data across 12 countries: the International Study of Childhood Obesity, Lifestyle and the Environment (ISCOLE) <b>Peter Katzmaryzk</b>	Dietary biomarkers: state of the art and new approaches for discovery <b>Augustin Scalbert</b>	Benchmarking food environments: The INFORMAS approach <b>Boyd Swinburn</b>
	Novel methods for the assessment of physical activity, sedentary behaviour and sleep: application in the International Study of Childhood Obesity, Lifestyle and the Environment (ISCOLE). Patterns and day-to-day variability in accelerometer-determined physical activity in Portugal: implications for future measurement protocols <b>Jose Maia</b>	Momentary assessment using technology <b>Emily Brindal</b>	The first national study on food environments and policies in New Zealand <b>Stefanie Vandevijvere</b>
	The utility of time-stamped 24-hour accelerometry data for assessing context-specific physical activity in children (ISCOLE study symposium) <b>Timothy Olds &amp; Carol Maher</b>	Development of e-DIA Smartphone application for recording food intakes in young adults <b>Margaret Allman-Farinelli</b>	Quantifying the world's packaged food supply: challenges and opportunities <b>Michelle Crino</b>
	Accelerometer Paradata and Implications of a 24-hour Protocol for Assessing Physical Activity, Sedentary Behaviour, and Sleep <b>Tiago Barreira</b>	FoodTrack - Development of a Systematic Australian Food Composition Database <b>Xenia Cleanthous &amp; Jill Freyne</b>	Benchmarking food environments: Thailand experience <b>Sirinya Phulkerd</b>
		Measuring diet quality in large community groups <b>Gilly Hendrie</b>	Monitoring of Food retail environment in Fiji: Piloting of protocol <b>Jillian Wate</b>
1200 - 1300	Lunch & Poster Session		
ROOMS:	PLAZA AUDITORIUM	P6 & P7	P8

# PROGRAM - DAY 2

1300 - 1500	<b>S13:</b> <b>Active Transport and the Built Environment</b> <i>Chairs: Kristi Heesch &amp; Jacqueline Kerr</i>	<b>S14:</b> <b>Symposium: New Developments in Statistical Modelling to Mitigate Effects of Diet and PA Measurement Error</b> <i>Chairs: Sharon Kirkpatrick &amp; Victor Kipnis</i>	<b>S15:</b> <b>Measuring Food Intake and Portion Size</b> <i>Chairs: Barbara Livingstone &amp; Helen Truby</i>
	Assessment of built environment - use of GPS/GIS <b>Jacqueline Kerr</b>	Design and analysis of dietary validation studies when true intake is modelled as a time-varying process <b>Laurence Freedman</b>	<b>Trade Display Presentations 1300 - 1400</b>
	Using a qualitative approach to generate insights into the measurement of the physical activity environment among rural adults <b>Verity Cleland</b>	Time-varying models for longitudinal data measured with error, with application to physical activity and sleep <b>Victor Kipnis</b>	
	Marauder's map - Tracking patterns of movement and occupant activity levels inside buildings <b>Lina Engelen</b>	Integrating metabolomics in the measurement error arena <b>Pietro Ferrari</b>	
	Use of multiple data sources to evaluate the impact of a new cycleway <b>Kristi Heesch</b>	Measurement error, nutritional surveillance and epidemiology, and the evaluation of complex multivariate dietary pattern scores such as the HEI-2010 <b>Raymond Carroll</b>	
	Bicycle data collecting, analysing and reporting - a transport practitioner's guide <b>Kristi Heesch</b>	Discussant <b>Douglas Midthune</b>	Approaches in Managing Ambiguous and Incomplete Responses to a Food Frequency Questionnaire Measuring Calcium and Vitamin D Intake in Older People <b>Birdem Amoutzopoulos</b>
	The development and validation of a portable radio frequency identification system for determining indoor movement location <b>Clover Maitland</b>		Do Front Of Pack Labels Influence Portion Size Decisions? <b>Tamara Bucher</b>
	Sedentary and active transport in 10-12 years old children from Maputo, Mozambique <b>Antonio Prista</b>		Accuracy of a novel 'handy' method versus household measures to estimate food portion sizes <b>Alice Gibson</b>
	Examining Park Features that Encourage Park Visitation and Physical Activity Among Adolescents <b>Jenny Veitch</b>		A novel processed food classification system applied to Australian food composition databases <b>Siobhan O'Halloran</b>
	Passive' data collection a novel method for determining cycle route volumes over long periods of time <b>Tracy Washington</b>		Monitoring the Scottish diet using UK food purchase data <b>Wendy Wrieden</b>
<b>1500 - 1530</b>	<b>Afternoon Tea</b>		

# PROGRAM - DAY 2

ROOMS:	PLAZA AUDITORIUM	P6 & P7	P8
1530 - 1730	<p><b>S16:</b> Diet Technologies: Limitations and Improvements <i>Chairs: Deb Kerr &amp; Carol Boushey</i></p>	<p><b>S17:</b> Interactions Between Sleep, Dietary Intake and Physical Activity <i>Chairs: Tim Olds &amp; Genevieve Healy</i></p>	<p><b>S18:</b> Symposium: INFORMAS 2: Benchmarking Food Environments: Key Challenges and Future Directions <i>Chairs: Boyd Swinburn &amp; Gary Sacks</i></p>
	<p>Image based dietary assessment: limitations and improvements for measuring dietary outcome <b>Carol Boushey</b></p>	<p>How circadian rhythms are connected to sleep, meal frequency and physical activity <b>Margriet Westerterp-Plantenga</b></p>	<p>Measuring cost and affordability of healthy and less healthy diets globally <b>Amanda Lee/Sally Mackay</b></p>
	<p>Image based dietary assessment: limitations and improvements for dietary interventions <b>Deborah Kerr</b></p>		<p>Approach for Monitoring the Corporate Political Activity of the Food Industry <b>Gary Sacks</b></p>
		<p>Compositional data analysis: toward integrated guidelines for sleep, sedentary behaviour and physical activity <b>Sebastien Chastin</b></p>	<p>Measuring exposure of children to unhealthy food marketing through new media <b>Bridget Kelly/Becky Freeman</b></p>
	<p>Assessment of dietary intake by a mix of short and long-term instruments via the internet <b>Heiner Boeing</b></p>		<p>The potential of crowdsourcing for monitoring food environments <b>Stephanie Vandevijvere/Rachel Williamson</b></p>
	<p>Evaluating the feasibility of a mobile food record to assess healthy and sustainable dietary behaviours in young adults <b>Amelia Harray</b></p>	<p>Associations between physical activity, sedentary time, sleep and cardiometabolic biomarkers of children and youth using compositional analyses <b>Valerie Carson</b></p>	<p>The Challenges of achieving locally relevant but internationally comparable data on school food <b>Mary L'Abbe</b></p>
	<p>Misreporting of energy intake in a new Web-based food record for children and adolescents <b>Anine Christine Medin</b></p>	<p>Validity and responsiveness to change of two self-report occupational sitting instruments <b>Josephine Chau</b></p>	
	<p>Evaluation of the Dutch web-based 24-hour recall tool Compl-eat <b>Saskia Meijboom</b></p>	<p>Are urban Moroccan women with a healthier diet also more physically active? <b>Edwige Landais</b></p>	
	<p>The mobile Food Intake Visualization and Voice Recognition System (FIVR) For dietary assessment <b>Rick Weiss</b></p>		
1900 - 2300	Conference Dinner		

## DAY 3 - Thursday 3 September 2015

All sessions run for the full allotted time.

ROOMS:	PLAZA AUDITORIUM	P6 & P7	P8
0730 - 1730	Registration		
0830 - 1030	<p><b>S19: Dietary Assessment</b> <i>Chairs: Berit Heitmann &amp; Rebecca Golley</i></p>	<p><b>S20: Measuring Energy Expenditure</b> <i>Chairs: Aaron Coutts &amp; Klaas Westerterp</i></p>	<p><b>S21: Dietary and Physical Activity Across the Lifespan</b> <i>Chairs: Emma Foster &amp; Nancy Potischman</i></p>
	<p>What do we need to measure and why? <b>Clare Collins</b></p>	<p>Can we improve on the 'Gold Standard'? Considerations for the DLW approach <b>Klaas Westerterp</b></p>	<p>Overview of life course data studies, methodologies utilized and issues for diet and physical activity <b>Nancy Potischman</b></p>
	<p>Acceptability and relative validity of myfood24 among British adolescents against an interviewer administered 24 hour recall <b>Janet Cade</b></p>	<p>Which dose should I follow? Comparing disease-specific PA recommendations from epidemiological studies <b>Barbara Ainsworth</b></p>	<p>Current approaches and future directions for dietary assessment of children <b>Emma Foster</b></p>
	<p>Subject perception of dietary intake on a recall day <b>Danielle Baird</b></p>		
	<p>Is portion size an appropriate target for managing gestational weight gain during pregnancy? <b>Clare collins</b></p>		
	<p>Diet of Surinamese, Turkish, Moroccan and ethnic Dutch residents of Amsterdam - Results of the HELIUS-dietary pattern study <b>Evelien De Boer</b></p>	<p>An Alternative To Energy Expenditure Estimation: Quantifying Physical Behaviour <b>Malcolm Granat</b></p>	<p>Dietary intake and food sources in the very old: analysis of the Newcastle 85+ study <b>Ashley Adamson</b></p>
	<p>Acknowledging the multi-dimensional nature of diets through food group analysis and integration of nutrient analysis: a pilot study in men with prostate cancer <b>Annie-Claude Lassemillante</b></p>	<p>Relationship of a comprehensive sedentary behaviour measure (SIT-Q) with activity energy expenditure assessed via doubly-labelled water <b>Ilona Csizmadi</b></p>	<p>Children 3-10 years old can capture eating occasions using the mobile food record <b>Tanisha Aflague</b></p>
	<p>Healthy Food Intake Index (HFII): validity and reproducibility in a gestational-diabetes-risk population <b>Jelena Meinila</b></p>	<p>Influence of obesity on energy expenditure during brisk walking in adults <b>Leon Mabire</b></p>	<p>A novel computer-based physical activity assessment tool to assess habitual physical activity levels in children: a validity and reproducibility study <b>Leng Huat Foo</b></p>
	<p>Correlates of food-item reporting accuracy by fourth-grade children in 24-Hour dietary recalls <b>Albert Smith</b></p>	<p>The youth compendium of energy expenditures: review and update <b>Kate Ridley</b></p>	<p>Lifestyle behaviours and the transition to retirement: what changes? <b>Anne Grunseit</b></p>
	<p>An examination of brief diet screeners to determine diet quality and intake <b>Lana Vanderlee</b></p>	<p>Using an objective biomarker of activity-related energy expenditure to develop a calibrated measure of physical activity in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL) <b>Pamela Shaw</b></p>	<p>Assessing age-related physical activity patterns in a large cohort of older U.S. adults <b>Alpa Patel</b></p>

# PROGRAM - DAY 3

	Prevalence of energy intake mis-reporting In Malay children and their parents: findings from the Family Diet Study <b>Clare Collins</b>		Neighbourhood food outlets: how they pattern and associations with children's eating behaviours <b>Anna Timperio</b>
<b>1030 - 1100</b>	<b>Morning Tea</b>		
<b>ROOMS:</b>	<b>PLAZA AUDITORIUM</b>	<b>P6 &amp; P7</b>	<b>P8</b>
<b>1100 - 1300</b>	<b>S22: Symposium: Physical Activity Interventions: Limitations and Improvements</b> <i>Chairs: Ross Arena &amp; Leonard Kaminsky</i>	<b>S23: Physical Activity Assessment</b> <i>Chairs: Anna Timperio &amp; Mahenderan Appukutty</i>	<b>S24: Statistical Considerations for Making the Most of Your Data</b> <i>Chairs: Lawrence Freedman &amp; Didier Garriguet</i>
	Assessing cardiopulmonary fitness in chronic disease populations <b>Ross Arena</b>	What do we need to measure and why? <b>Stewart Trost</b>	Making the most of your dietary data: energy adjustment, categorization and measurement error <b>Laurence Freedman</b>
	Cardiorespiratory fitness registry initiatives in the United States <b>Leonard Kaminsky</b>	Comparing objective measures of activity in the Women Health Initiative Study <b>Chongzhi Di</b>	Using a betabinomial distribution to estimate the prevalence of adherence to the physical activity guidelines <b>Didier Garriguet</b>
	Cardiorespiratory fitness registry initiatives in Europe <b>Marco Guazzi</b>	Measurement of workplace sitting, standing, and stepping time by self-report: the occupational sitting and physical activity questionnaire <b>Bronwyn Clark</b>	
	Emerging Assessments of Cardiopulmonary Fitness: Respiratory Muscle Performance <b>Lawrence Cahalin</b>	Empirically derived cut-points for sedentary behaviour during working and non-working hours: how important is the context in which we sit? <b>Alexandra Clarke-Cornwell</b>	Validity and calibration of the food frequency questionnaire used in the Melbourne Collaborative Cohort Study <b>Julie Bassett</b>
		Implementation of the SHAPE Act in Georgia: An evaluation of FITNESSGRAM administration <b>Rodney Lyn</b>	Effect of model parameters on the development of food-based recommendations using linear programming <b>Karin Borgonjen-Van Den Berg</b>
		Playability of the school environment and after school physical activity among 8-10 year-olds: influence of time and distance from school to home <b>Teun Remmers</b>	Behaviour-based machine learned algorithms applied to accelerometer data and relations with biomarkers of cancer risk <b>Jacqueline Kerr</b>
		Decision tree models for detection of Physical Activity Intensity In Ambulatory Youth With Cerebral Palsy <b>Stewart Trost</b>	Evaluation of dietary assessment tools: What does 'validated' actually mean? <b>Sharon Kirkpatrick</b>
		Validation Of The activPAL3 Activity Monitor In 5-12 Year-Old Children <b>Christiana Van Loo</b>	Informing physical activity interventions using a Bayesian multilevel model <b>Bryan Stanfill</b>
		Physical Activity And Its Association With Body Composition and Insulin Resistance Among Malaysian Children <b>Bee Suan Wee</b>	

# PROGRAM - DAY 3

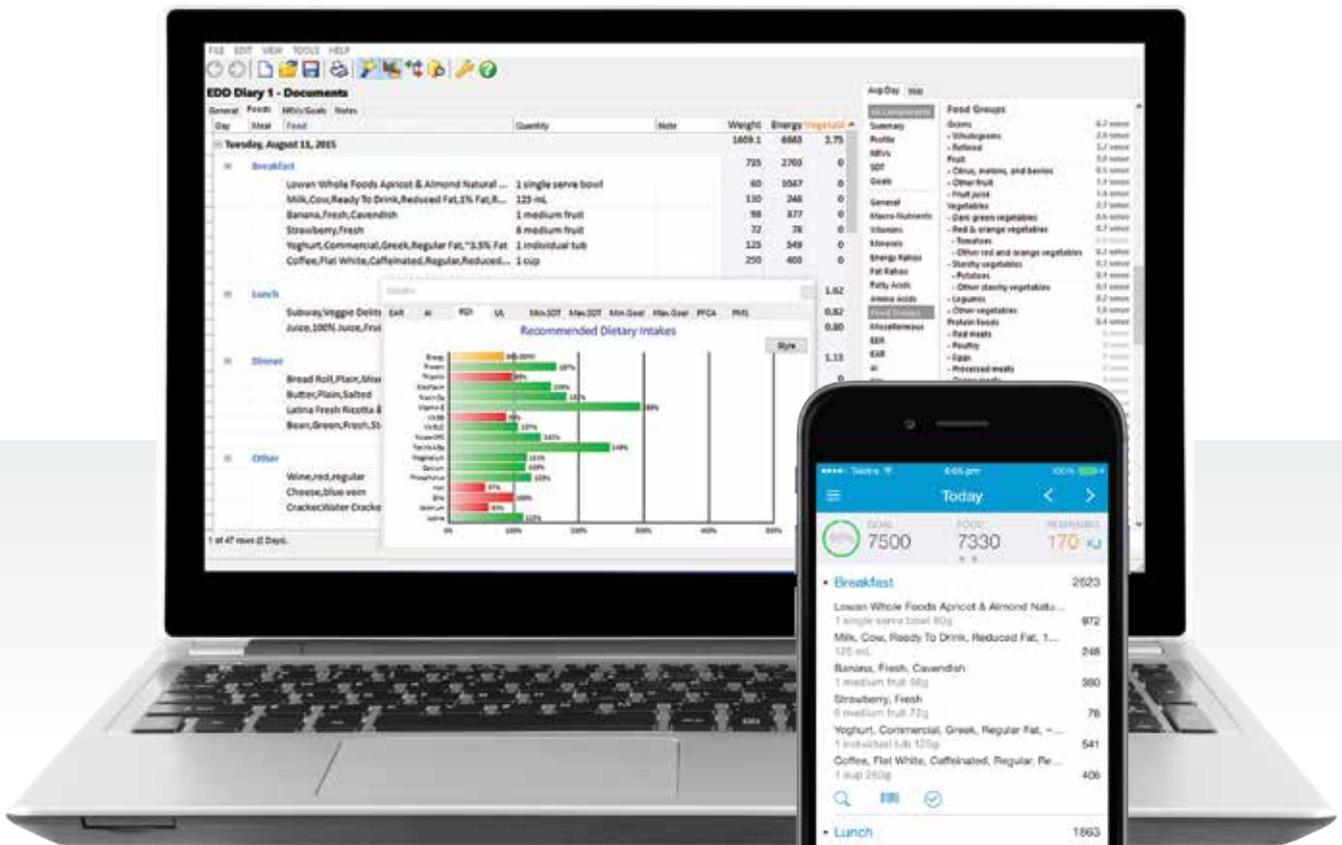
1300 - 1400		Lunch & Poster Session	
ROOMS:	PLAZA AUDITORIUM	P6 & P7	P8
1400 - 1600	<p><b>S25: Symposium: Traditional methods vs new technologies: dilemmas for dietary assessment in population surveys</b></p> <p><i>Chairs: Janet Cade &amp; Ellen Trolle</i></p>	<p><b>S26: Monitoring diet and activity changes</b></p> <p><i>Chairs: Heather Bowles &amp; Marijka Batterham</i></p>	<p><b>S27: Diet quality indices</b></p> <p><i>Chairs: Margriet Westerterp-Plantenga &amp; Dana Olstad</i></p>
	<p>Dietary Interventions: Improvements <b>Carol Boushey</b></p>	<p>Physical activity measurement considerations: Development and validation of new algorithms for wrist worn accelerometers <b>Patty Freedson</b></p>	<p>Diet quality indices <b>Susan Krebs-Smith</b></p>
	<p>Use of New Technologies for Dietary Assessment in Population Surveys: Experience from the UK <b>Birdem Amoutzopoulos</b></p>	<p>Assessment Of Dietary Intake In Three Cohorts Of Advanced Age In Two Countries: Methodology Challenges <b>Ashley Adamson</b></p>	<p>Discovery of Biomarkers for Whole Grain Rye Intake in Free-Living Subjects Using Non-Targeted Metabolic Profiling <b>Carl Brunius</b></p>
	<p>New technologies for dietary assessment: An Australian Case Study <b>Clare Collins</b></p>	<p>Dietary weight loss intervention designs could be improved by incorporating early outcome assessments <b>Marijka Batterham</b></p>	<p>Evaluation Of d13C In Fingerstick Blood As A Biomarker Of Sugar-Sweetened Beverage Intake In Children And Adolescents: Preliminary Findings <b>Brenda Davy</b></p>
	<p>A Web-based tool for Dietary Assessment compared with paper-based pre-coded food records <b>Ellen Trolle</b></p>	<p>Time Spent in Short-Unbroken Bouts of Sedentary Time has Differential Associations with Health than Time Spent in Prolonged Unbroken Bouts; A Study in Older Adults <b>John Bellettiere</b></p>	<p>Evaluation Of The Eatscore: A Tool To Evaluate Diet Quality In The Netherlands And Provide Targeted Advice <b>JeanneDe Vries</b></p>
	<p>Challenges in dietary assessment in the Netherlands <b>Evelien De Boer</b></p>	<p>Implementing The Mutually Responsive Orientation Observational Approach To Evaluate The Influence Of Mother-Child Mealtime Interactions On Child Weight And Eating <b>Heidi Bergmeier</b></p>	<p>Comparative validity of vitamin C and carotenoids as indicators of fruit and vegetable intake: a systematic review and meta-analysis of randomised controlled trials <b>Laura Johnson</b></p>
		<p>Trends in accelerometry methods applied in physical activity intervention studies, 2000-2014 <b>Heather Bowles</b></p>	<p>A Randomised Cross-over Intervention Study of the Effect of Milk Consumption on Hormone Levels <b>Karin Michels</b></p>
		<p>Effectiveness of a Combined Activity Tracker and Organisational Support Intervention to Reduce Sitting and Increase Activity in the Office Workplace <b>Charlotte Brakenridge</b></p>	<p>Applying Urinary Biomarkers To Calibrate Sodium And Potassium Intakes In The Hispanic Community Health Study/Study Of Latinos (HCHS/SOL) <b>Yasmin Mossavar-Rahmani</b></p>
		<p>Similar compliance but different results: Comparison of hip- and wrist-worn Actical accelerometers during a randomised crossover trial of an active video game intervention in children <b>Erin Howie</b></p>	<p>The representativeness and quality of food purchasing data in a supermarket-based randomized controlled trial <b>Dana Olstad</b></p>

# PROGRAM - DAY 3

ROOMS:	PLAZA AUDITORIUM	P6 & P7	P8
		Multilevel community based intervention promotes physical activity and prevents age associated decline in activity over a year in older men <b>Jacqueline Kerr</b>	Comparison Of Duplicate Portion And 24h Recall As Reference Methods For Validating A Food Frequency Questionnaire Using Urinary Markers As The Estimate Of True Intake <b>Laura Trijsburg</b>  Alkylresorcinols in Adipose Tissue as long-term Biomarkers of Whole Grain Wheat and Rye Intake <b>Huaxing Wu</b>
<b>1600 - 1630</b>	<b>Afternoon Tea</b>		
1630 - 1730	<b>Debate Chair: Neil King</b>		<b>PLAZA AUDITORIUM</b>
	<b>Argument1:</b> In the case of physical activity analysis, not everything that counts can be counted - and that is the bigger problem <b>Nuala Byrne</b>		
	<b>Argument2:</b> In the case of dietary analysis, not everything that can be counted counts - and that is the bigger problem <b>Berit Heitmann</b>		<b>PLAZA AUDITORIUM</b>
<b>1730 - 1800</b>	<b>Closing Ceremony</b>		



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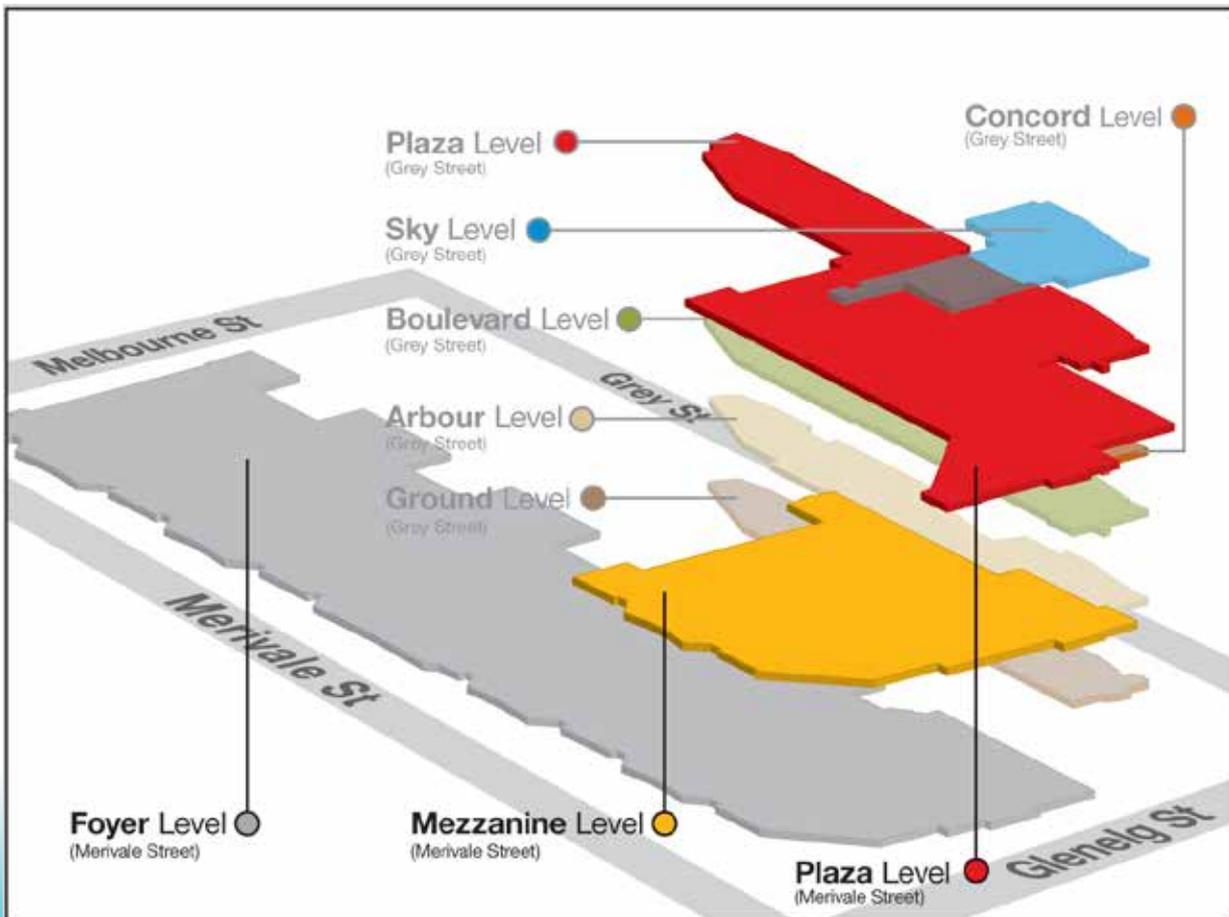
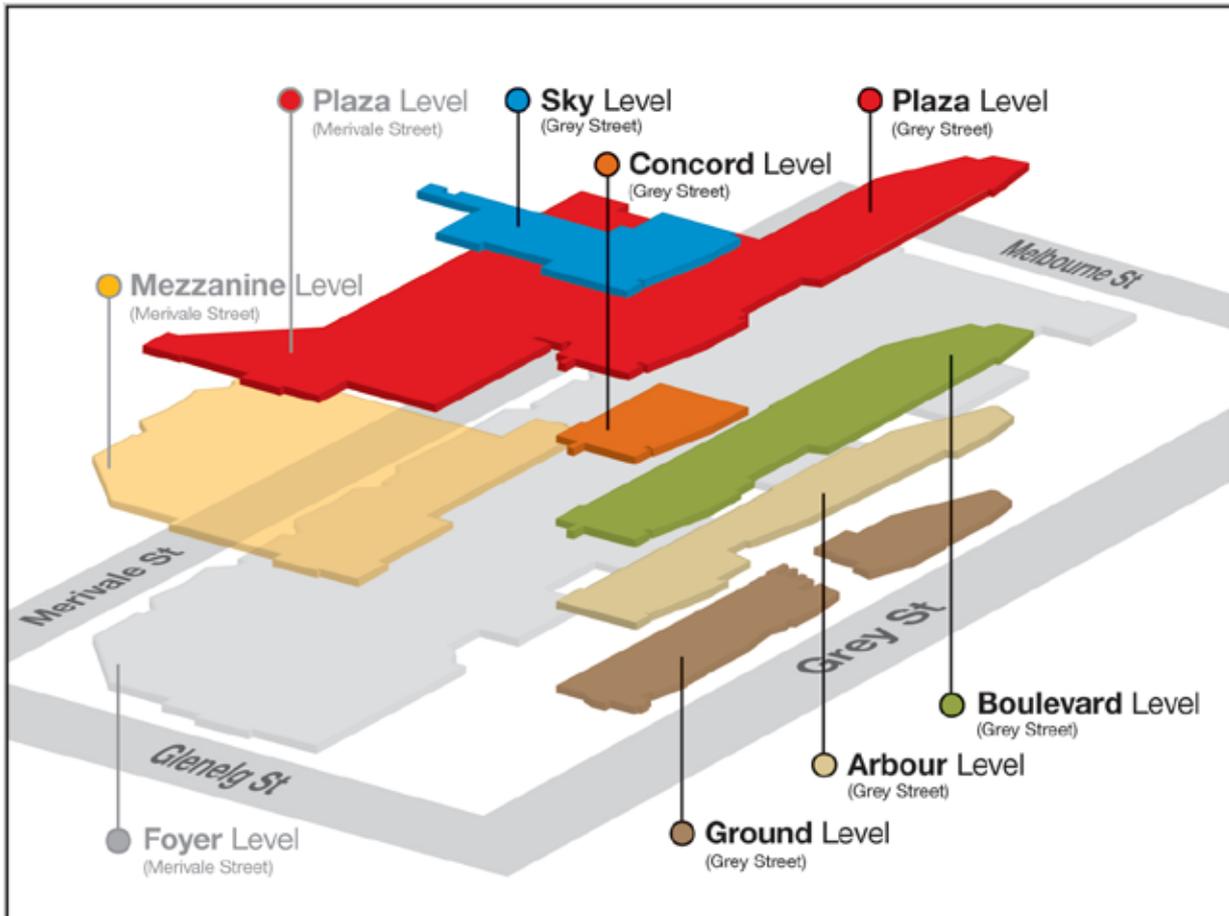
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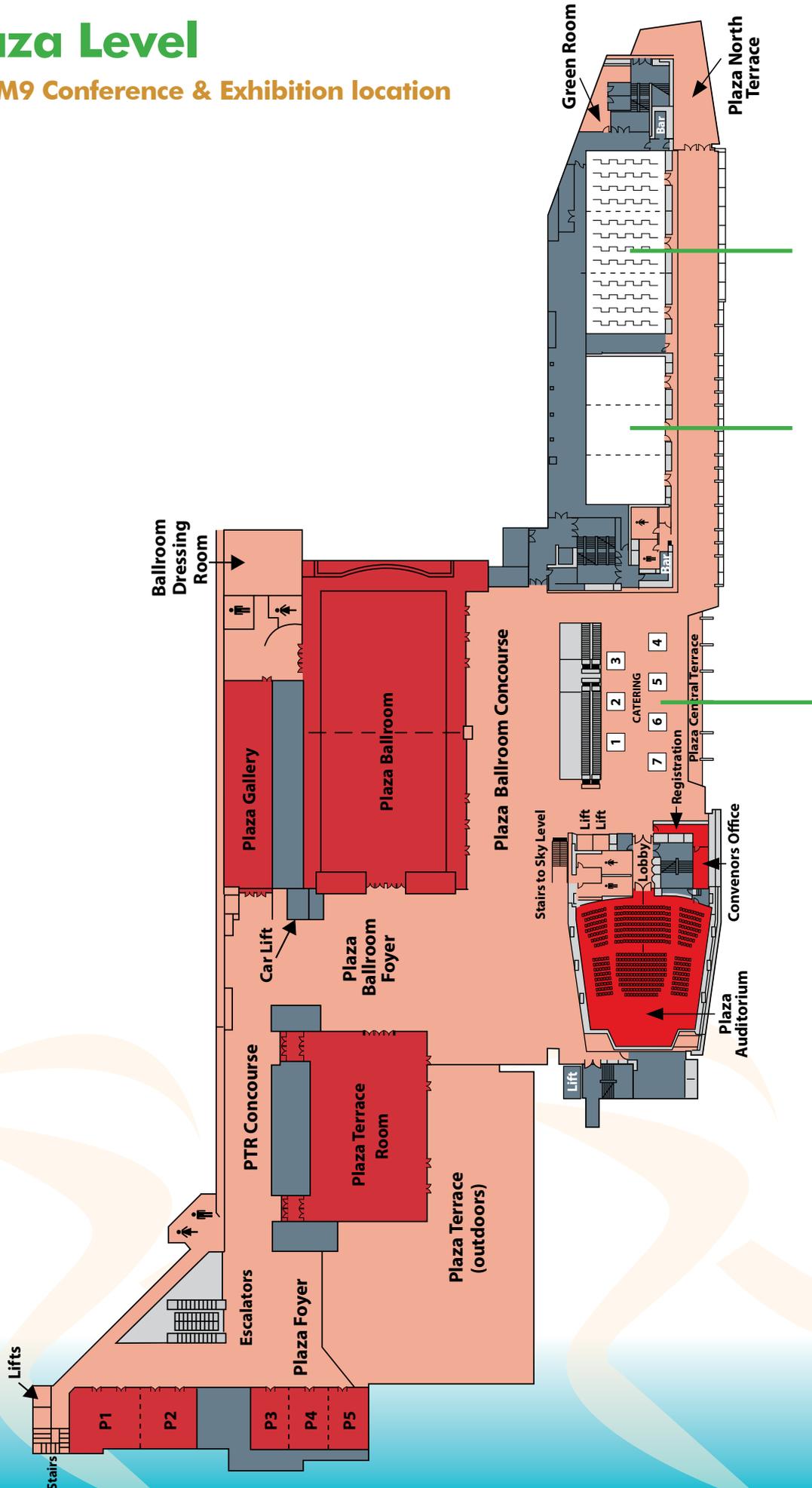
# VENUE MAP

## Brisbane Convention & Exhibition Centre



# Plaza Level

ICDAM9 Conference & Exhibition location



Exhibition  
Breakout Session Rooms  
Poster Display

## Welcome Reception

**1 September 2015**  
**6.00pm – 7.00pm**

**Plaza Foyer,**  
**Brisbane Convention & Exhibition Centre**  
Smart casual

The Welcome Reception will be a cocktail style event amongst the exhibition to welcome delegates to Brisbane, it will be a time to catch up with old friends and meet new ones in a relaxed atmosphere, away from the hustle and bustle of the Conference sessions.

*Additional tickets may be purchased in advance for \$77 each.*

## Conference Dinner

**Wednesday 2 September 2015**  
**7.00pm – 10.30pm**

**Sky Room, Sky Level,**  
**Brisbane Convention & Exhibition Centre**  
After 5 or cocktail

The Conference Dinner will be the highlight of the social program, join your fellow delegates to experience the finest fresh local produce matched with Australian regional wines.

*Additional tickets may be purchased in advance for \$125 each.*

### ActiGraph

**Booth Number: 6**

49 E. Chase St.  
Pensacola FL 32502  
USA

Phone: +1 (850) 332-7900

Fax: +1 (850) 332-7904

Email: sales@actigraphcorp.com

Website: www.actigraphcorp.com



ActiGraph is the leading provider of objective 24-hour physical activity measurement hardware and software solutions for the global scientific community.

### Activinsights

Activinsights

**Booth Number: 4**

Contact: Joss Langford

Unit 11 Harvard Industrial Estate

Kimbolton, Cambridgeshire, PE28 0NJ

United Kingdom

Phone: +44 (0)1480 862082

Email: info@activinsights.co.uk

Website: www.activinsights.com

Activinsights provides health professionals with insight about patient behaviours and daily activities. We build lifestyle reports with data from wearables, apps and connected devices. These reports are objective and non-judgemental. They provide invaluable information for patients and professionals to work together when planning effective interventions.

### COSMED

**Booth Number: 3**

Contact: Federico Zanella

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Artarmon NSW 2064

Australia

Phone: +61 2 8069 9673

Email: federicoz@cosmed.com or

anz@cosmed.com

Website: www.cosmed.com



**COSMED**  
The Metabolic Company

COSMED is a European Company with headquarters based in Italy manufacturing Cardio Pulmonary and Metabolic Diagnostic Equipment. Innovative products and technological "firsts" in the market have characterized its history. COSMED: The metabolic company.

## Energy Testing Solutions

### Booth number: 7

Contact: John Wright

Phone: +61 4246 05896

Email: [john.wright@lionstartechnologies.com](mailto:john.wright@lionstartechnologies.com)

Website: <http://www.lionstartechnologies.com>

Energy Testing Solutions Pty Ltd, is an integrated technology and health informatics company, developing long-term metabolic health solutions.

Our lead technology ECAL, a small, portable, open circuit indirect calorimeter, was initially designed for primary practitioners treating various metabolic disorders such as obesity, insulin resistance, chronic fatigue etc.



## IsoWhey

### Booth Number: 5

Contact: Brad Harris

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Fax: +61 2 9080 0941

Email: [cs@fit.net.au](mailto:cs@fit.net.au)

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## HUR Australia

### Booth Number: 1

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Website: [www.huraustralia.com.au](http://www.huraustralia.com.au)

HUR is the World's Leading supplier of Strength Exercise Solutions for Rehabilitation, Disabled and Geriatric Exercise for 25 years with more than 10,000 installations.



## PAL Technologies Ltd

### Booth Number: 2

Contact: Alexander Walker

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Fax: +44 141 552 6085

Email: [info@paltechnologies.com](mailto:info@paltechnologies.com)

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activPAL™ is the researcher's preferred choice for quantifying free-living sedentary, upright and ambulatory activities providing objective evidence to link physical behaviours with chronic disease risk.

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