



# Agenda: 7<sup>th</sup> International Conference on Diet and Activity Methods (ICDAM 7)

Diet and Physical Activity Assessment: From the Individual to the Environment

June 4–7, 2009 ♦ Washington, DC

## Thursday, June 4, 2009: Pre-Conference Workshops

7 a.m.–5 p.m.	<i>Registration</i>		
8 a.m.–Noon	<p style="text-align: center;"><b>Columbia A</b></p> <p>Workshop Organizers: Richard Troiano &amp; David Berrigan</p> <p style="text-align: center;"><b>Objective Measurement of Physical Activity and Location Using Accelerometers and Geographic Positioning Systems (GPS)</b></p> <p>Invited Speakers: Stewart Trost &amp; Jean Wolf</p>	<p style="text-align: center;"><b>Columbia B</b></p> <p>Workshop Organizer: James Sallis</p> <p style="text-align: center;"><b>Measuring Diet and Physical Activity in Children and Adolescents</b></p> <p>Invited Speakers: Karen Peterson &amp; Gregory Welk</p>	<p style="text-align: center;"><b>Capitol A/B</b></p> <p>Workshop Organizer: Laurence Freedman</p> <p style="text-align: center;"><b>Understanding Measurement Error in Diet and Physical Activity Assessment</b></p> <p>Invited Speakers: Kevin Dodd &amp; Janet Tooze</p>
Noon–1 p.m.	<i>Lunch Break (on your own)</i>		
1–4 p.m.	<p style="text-align: center;"><b>Columbia A/B</b></p> <p>Workshop Organizer: Heather Bowles &amp; Robin McKinnon</p> <p style="text-align: center;"><b>Tools to Measure the Physical Activity and Food Environments: An Introduction to Geographic Information Systems (GIS)</b></p> <p>Invited Speakers: Billie Giles-Corti &amp; Kimberly Morland</p>		<p style="text-align: center;"><b>Capitol A/B</b></p> <p>Workshop Organizer: Steven Gortmaker</p> <p style="text-align: center;"><b>Simulation and Statistical Modeling of Energy Balance and Obesity: Results from Four Countries</b></p> <p>Invited Speakers: Steven Gortmaker, Boyd Swinburn, Rob Carter, Marj Moodie, William Flanagan, Diane Finegood, Nate Osgood, Klim McPherson, Martin Brown, &amp; Y. Claire Wang</p> <p>Discussants: William Dietz, Terry Huang, Patricia Mabry, &amp; C. Tracy Orleans</p>

**Friday, June 5, 2009**

7 a.m.–5 p.m.	Registration
7:30–10:30 a.m.	Poster Session 1 Setup
8:30–10 a.m.	<p style="text-align: center;"><b>Regency Ballroom</b></p> <p style="text-align: center;"><b>Opening Plenary</b>  <b>Climate Change: Interrelationships with Diet and Physical Activity</b></p> <p style="text-align: center;">8:30–8:40  <b>Welcome to ICDAM7!</b>  <i>Amy F. Subar, Chair</i></p> <p style="text-align: center;">8:40–8:45  <b>Introduction by session chair</b>  <i>Adrian Bauman</i></p> <p style="text-align: center;">8:45–9:15  <b>Climate change: Interrelationships with diet and physical activity</b>  <i>Philip James</i></p> <p style="text-align: center;">9:15–9:20  <b>Questions and discussion</b></p> <p style="text-align: center;">9:20–9:50  <b>An integrated assessment of health and climate change impacts of community design</b>  <i>Lawrence Frank</i></p> <p style="text-align: center;">9:50–10  <b>Questions and summary</b></p>
10–10:30 a.m.	Refreshment Break
10:05–10:20 a.m.	<p>Physical Activity Break (<i>Rachel Permut-Levine</i>)</p> <p style="text-align: center;"><b>Regency Ballroom</b></p>

<p>10:30–Noon</p>	<p style="text-align: center;"><b>Regency A</b></p> <p><b>Technological Advances in Measuring Diets of Individuals</b> Session Chair: Amy F. Subar</p> <p style="text-align: center;">10:30–10:35 <b>Introduction</b> <i>Amy F. Subar</i></p> <p style="text-align: center;">10:35–11 <b>Development of an automated self-administered 24-hour dietary recall</b> <i>Invited Speaker: Amy F. Subar</i></p> <p style="text-align: center;">11–11:15 <b>Automatic food volume estimation through 3D images captured via a mobile phone</b> <i>Rick Weiss</i></p> <p style="text-align: center;">11:15–11:30 <b>Toward a common bridging 24-hour dietary recall methodology between international epidemiological studies and possible future pan-European monitoring surveys: Report from EPIC and EFCOVAL projects</b> <i>Nadia Slimani</i></p> <p style="text-align: center;">11:30–11:45 <b>Evaluating the usability of a mobile phone food record among adolescents</b> <i>Carol Boushey</i></p> <p style="text-align: center;">11:45–Noon <b>Developing a comprehensive interactive portion size assessment system for use in assessing dietary intakes of children</b> <i>Adrian Hawkins</i></p>	<p style="text-align: center;"><b>Columbia A/B</b></p> <p><b>Measures of the Physical Activity Built Environment</b> Session Chair: James Sallis</p> <p style="text-align: center;">10:30–10:35 <b>Introduction</b> <i>James Sallis</i></p> <p style="text-align: center;">10:35–11 <b>A review of physical activity environment measures</b> <i>Invited Speaker: Christine Hoehner</i></p> <p style="text-align: center;">11–11:20 <b>Reliability and validity of a measure of environmental barriers to active transport to school</b> <i>Nefertiti Durant</i></p> <p style="text-align: center;">11:20–11:40 <b>Measuring the neighborhood crime environment: A comparison of perceived and objective measures in a sample of midlife African-American women</b> <i>April Oh</i></p> <p style="text-align: center;">11:40–Noon <b>Targeting intervention in the built environment by Geographical Information System (GIS)</b> <i>Jens Troelsen</i></p>	<p style="text-align: center;"><b>Capitol A/B</b></p> <p><b>Dietary Biomarkers: Novel Techniques</b> Session Chair: Berit Heitmann</p> <p style="text-align: center;"><b>Introduction</b> <i>Berit Heitmann</i></p> <p style="text-align: center;">10:30–10:55 <b>The use of nutrigenomics in epidemiology: Focus on phenotypic changes using metabolomics</b> <i>Invited Speaker: Lars Ove Dragsted</i></p> <p style="text-align: center;">10:55–11:20 <b>Applying genomics to nutritional epidemiology to improve dietary exposure assessment</b> <i>Invited Speaker: Ahmed El-Sohemy</i></p> <p style="text-align: center;">11:20–11:35 <b>Identifying new biomarkers for fruit and vegetable intake with NMR and LC-microTOF-Q-MS based metabolomics</b> <i>Lea Bredsdorff</i></p> <p style="text-align: center;">11:35–11:50 <b>Tests of a new biomarker for high fructose corn syrup intake in humans</b> <i>Cheryl Anderson</i></p> <p style="text-align: center;">11:50–12:05 <b>Variability and predictors of dermal carotenoid status in preschool children measured by resonance Raman spectroscopy</b> <i>Stephanie Scarmo</i></p>
<p>Noon–12:30 p.m.</p>	<p>Lunch Break (on your own)</p>		
<p>12:30–1:30 p.m.</p>	<p>Poster Session 1 <b>Regency Foyer, Columbia Foyer, Columbia C</b></p>		
<p>1:30–2 p.m.</p>	<p>Poster Session 1 Tear-down</p>		

<p>1:30–3 p.m.</p>	<p style="text-align: center;"><b>Regency A</b></p> <p><b>Advances in Coping with Measurement Error in Diet and Physical Activity Measures</b> Session Chair: Laurence Freedman</p> <p style="text-align: center;"><b>Introduction</b> <i>Laurence Freedman</i></p> <p style="text-align: center;">1:30–1:55 <b>Combining dietary-assessment instruments in nutritional epidemiology</b> <i>Invited Speaker: Victor Kipnis</i></p> <p style="text-align: center;">1:55–2:20 <b>Measurement errors in dietary and physical activity assessments</b> <i>Invited Speaker: Pietro Ferrari</i></p> <p style="text-align: center;">2:20–2:35 <b>The validity of food-frequency questionnaire data: Accounting for random and correlated errors through validation by a biomarker in the OPEN and USDA validation studies</b> <i>Donna Spiegelman</i></p> <p style="text-align: center;">2:35–2:50 <b>The impact of multivariate measurement error in nutritional epidemiology studies</b> <i>Anne Thiebaut</i></p> <p style="text-align: center;">2:50–3:05 <b>Estimating usual food intake distributions by using the multiple-source method</b> <i>Jennifer Haubrock</i></p>	<p style="text-align: center;"><b>Columbia A/B</b></p> <p><b>Technological Advances in Measuring Physical Activity of Individuals</b> Session Chair: Audie Atienza</p> <p style="text-align: center;">1:30–1:50 <b>Measuring physical activity in the context of exposure biology and energy balance research</b> <i>Invited Speaker: Kevin Patrick</i></p> <p style="text-align: center;">1:50–2:05 <b>Automatic identification of activity type using multiple wireless accelerometers</b> <i>Stephen Intille</i></p> <p style="text-align: center;">2:05–2:20 <b>Improving the estimation of daily energy expenditure by identifying types of physical activity using one accelerometer</b> <i>Alberto Bonomi</i></p> <p style="text-align: center;">2:20–2:35 <b>Differentiating physical activity modalities in youth using heartbeat waveform shape and differences between adjacent waveforms</b> <i>Donna Spruijt-Metz</i></p> <p style="text-align: center;">2:35–2:50 <b>Novel approaches to assessing physical activity among toddlers</b> <i>Erin Hager</i></p> <p style="text-align: center;">2:50–3 <b>Questions and discussion</b> <i>Audie Atienza</i></p>	<p style="text-align: center;"><b>Capitol A/B</b></p> <p><b>Indigenous Populations and Traditional Food Systems</b> Session Chair: Barbara Burlingame</p> <p style="text-align: center;">1:30–1:40 <b>Dietary assessment is fundamental to the cross-cutting initiative on biodiversity for food and nutrition</b> <i>Invited Speaker: Barbara Burlingame</i></p> <p style="text-align: center;">1:40–2 <b>Canada’s indigenous populations and traditional food systems</b> <i>Invited Speaker: Cindy Dickson</i></p> <p style="text-align: center;">2–2:10 <b>Temporal changes in diet and lifestyle among the Sami of southern Lapland</b> <i>Lena Maria Nilsson</i></p> <p style="text-align: center;">2:10–2:20 <b>Relative validity of a culture-sensitive food frequency questionnaire among schoolchildren living in Brazilian Western Amazon</b> <i>Fernanda Scagliusi</i></p> <p style="text-align: center;">2:20–2:30 <b>Development of dietary intake software for three regions in India</b> <i>Rashmi Sinha</i></p> <p style="text-align: center;">2:30–2:40 <b>Comparison of dietary diversity scores derived from qualitative questionnaires and from 24-hour recalls in a West African urban area</b> <i>Elodie Becquey</i></p> <p style="text-align: center;">2:40–2:50 <b>Development of a culturally specific dietary assessment tool for people living in high oesophageal cancer areas in the Eastern Cape Province of South Africa</b> <i>Martani J. Lombard</i></p> <p style="text-align: center;">2:50–3 <b>Questions and discussion</b></p>
<p>2–4:30 p.m.</p>	<p>Poster Session 2 Setup</p>		

<p>3:15-4:45 p.m.</p>	<p style="text-align: center;"><b>Regency A</b></p> <p><b>Measuring Change in Diet and Physical Activity in Intervention Studies</b>                  Session Chair: Adrian Bauman                  Co-Chair: Lauren Lissner</p> <p style="text-align: center;"><i>Introduction</i>                  Lauren Lissner</p> <p style="text-align: center;">3:15-3:40  <b>Assessing dietary change in intervention studies: The Women's Health Initiative</b>                  Invited Speaker: Marian Neuhouser</p> <p style="text-align: center;">3:40-3:50  <b>How does measurement method matter in evaluating physical activity promotion interventions? A systematic review and meta-analysis</b>                  Yuyan Shi</p> <p style="text-align: center;">3:50-4  <b>Validating measurement of population physical activity in parks</b>                  Phillip Ward</p> <p style="text-align: center;">4-4:10  <b>Measuring knowledge of fruit and vegetable serving sizes separately is essential to demonstrating intervention effectiveness</b>                  Christina Pollard</p> <p style="text-align: center;">4:10-4:20  <b>Using trash as a proxy measure for the public school classroom nutrition environment</b>                  Karen Coleman</p> <p style="text-align: center;">4:20-4:30  <b>Questions and discussion</b></p> <p style="text-align: center;">4:30-4:45  <b>Challenges in measuring program impact in physical activity interventions</b>                  Session summary                  Invited Speaker: Adrian Bauman</p>	<p style="text-align: center;"><b>Columbia A/B</b></p> <p><b>Diet Measurement of Individual Intake: Development of Instruments</b>                  Session Chair: Nancy Potischman</p> <p style="text-align: center;">3:15-3:30  <b>Stimulating participation in eight repeat Web-based 24-hour recalls: Experience of the Energetics Study</b>                  Lenore Arab</p> <p style="text-align: center;">3:30-3:45  <b>Developing and validating a Web-based 24-hour dietary assessment questionnaire</b>                  Jay Desai</p> <p style="text-align: center;">3:45-4  <b>Development and feasibility of a user-friendly meal-based FFQ on the Web</b>                  Elisabeth Möller</p> <p style="text-align: center;">4-4:15  <b>Development of a methodology to determine tiers of nutrient density within the major food groups of the USDA Food Guide, MyPyramid</b>                  Trish Britten</p> <p style="text-align: center;">4:15-4:30  <b>Validation and calibration of a new multifactor dietary screener in the National Health and Nutrition Examination Survey, 2009-10</b>                  Frances Thompson</p> <p style="text-align: center;">4:30-4:45  <b>Eating behaviours and health: Dietary data provide the rationale for assigning definitions</b>                  John Winter</p>	<p style="text-align: center;"><b>Capitol A/B</b></p> <p><b>Measures of the Food Built Environment</b>                  Session Chair: Rob van Dam</p> <p style="text-align: center;">3:15-3:20  <b>Introduction</b>                  Rob van Dam</p> <p style="text-align: center;">3:20-3:40  <b>An overview of measures of the food built environment</b>                  Invited Speaker: Karen Glanz</p> <p style="text-align: center;">3:40-3:45  <b>Questions and discussion</b></p> <p style="text-align: center;">3:45-4  <b>Assessing the rural built nutritional environment: Completeness and positional accuracy of two food outlet databases</b>                  Angela Liese</p> <p style="text-align: center;">4-4:15  <b>Development and application of Food BEAMS, the Food and Beverage Environmental Assessment and Monitoring System</b>                  Krista Stiffler</p> <p style="text-align: center;">4:15-4:30  <b>Development and pilot testing of an instrument for assessing healthy and unhealthy options on children's menus</b>                  Rebecca Krukowski</p> <p style="text-align: center;">4:30-4:45  <b>Measures of the food environment of young adults: Linking individual behaviour to the environmental context</b>                  Amelia A. Lake</p>
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Friday, June 5, 2009, continued

5-6 p.m.	<i>Poster Session 2</i>	<b>Regency Foyer, Columbia Foyer, Columbia C</b>
6-6:30 p.m.	<i>Poster Session 2 Tear-down</i>	
6:30-7:30 p.m.	<i>Technology Demonstrations</i>	<b>Regency Ballroom</b>
6:30-8:30 p.m.	<i>Reception</i>	<b>Regency Ballroom</b>

**Saturday, June 6, 2009**

7 a.m.	Morning run with Amy Subar (meet in the lobby)		
7:30 a.m.–5 p.m.	Registration		
7:30–10:30 a.m.	Poster Session 3 Setup		
8:30–10 a.m.	<p style="text-align: center;"><b>Regency A</b></p> <p><b>Dietary Patterns: Research Challenges and New Methodologic Directions</b> Session Chair: P.K. Newby</p> <p style="text-align: center;">8:30–8:45 <b>Introduction</b> <i>Invited Speaker: P.K. Newby</i></p> <p style="text-align: center;">8:45–9 <b>A comparison of three dietary patterns methods and colorectal cancer risk: Cluster analysis, factor analysis, and index analysis in the NIH-AARP Diet and Health Study</b> <i>Jill Reedy</i></p> <p style="text-align: center;">9–9:15 <b>Development and accuracy of E-KINDEX: A novel dietary index and self-monitoring tool that is associated with obesity status in children</b> <i>Chrystalleni Lazarou</i></p> <p style="text-align: center;">9:15–9:30 <b>Approaches to simplifying food intake sources from reduced rank regression: Application to the diet and atherosclerosis relationship</b> <i>Angela Liese</i></p> <p style="text-align: center;">9:30–9:45 <b>A novel approach to dietary analysis: Exploration of food consumption databases at the meal-level using association rules</b> <i>Aine Hearty</i></p> <p style="text-align: center;">9:45–10 <b>Questions and discussion</b></p>	<p style="text-align: center;"><b>Columbia A/B</b></p> <p><b>Physical Activity Measurement of Individuals</b> Session Chair: Barbara Ainsworth</p> <p style="text-align: center;">8:30–9 <b>Does technology reduce the error in measurement of physical activity in individuals?</b> <i>Invited Speaker: Barbara Sternfeld</i></p> <p style="text-align: center;">9–9:15 <b>Predictors of potential bias in self-reported walking activity in Australian adults</b> <i>Michael Schmidt</i></p> <p style="text-align: center;">9:15–9:30 <b>Development and cognitive testing of the Sedentary Time and Activity Reporting Questionnaire (STAR-Q)</b> <i>Ilona Csizmadi</i></p> <p style="text-align: center;">9:30–9:45 <b>Validation and multi-modal comparison of a physical activity surveillance measure administered by telephone and Internet</b> <i>Heather Bowles</i></p> <p style="text-align: center;">9:45–10 <b>An artificial neural network to estimate physical activity energy expenditure and identify physical activity mode from uniaxial accelerometer counts</b> <i>John Staudenmayer</i></p>	<p style="text-align: center;"><b>Capitol A/B</b></p> <p><b>Diet Measurement for Surveillance</b> Session Chair: Nelia Steyn</p> <p style="text-align: center;">8:30–8:35 <b>Introduction</b> <i>Nelia Steyn</i></p> <p style="text-align: center;">8:35–8:55 <b>Household dietary diversity as a tool for food and nutrition surveillance: Case study in Mozambique to assess sensitivity of the tool to detect diet changes over seasons and following shocks</b> <i>Invited Speaker: Terri Ballard</i></p> <p style="text-align: center;">8:55–9:15 <b>A micronutrient intake screening questionnaire: Development, validation, and application in the South African Demographic and Health Survey 2003</b> <i>Invited Speaker: Marjanne Senekal</i></p> <p style="text-align: center;">9:15–9:30 <b>Relative validity of repeated 24-hour recalls using EPIC-Soft for estimating nutrient intakes among the Belgian population</b> <i>Willem De Keyzer</i></p> <p style="text-align: center;">9:30–9:45 <b>UK National Diet and Nutrition Survey: A study to decide the dietary assessment method for the new rolling programme</b> <i>Alison Lennox</i></p> <p style="text-align: center;">9:45–10 <b>Comparing fruit and vegetable intake among adults in the Health Information National Trends Survey (HINTS) 2007 by mode of survey administration</b> <i>Temitope Erinosh</i></p>

Saturday, June 6, 2009, continued

10–10:30 a.m.	<i>Refreshment Break</i>
10:05–10:20 a.m.	<i>Physical Activity Break (Jim Sallis)</i> <b>Regency Ballroom</b>
10:30 a.m.–Noon	<p style="text-align: center;"><b>Regency Ballroom</b></p> <p style="text-align: center;"><b>Plenary 2</b>  <b>Energy Gap that Causes Obesity</b></p> <p style="text-align: center;">10:30–10:35  <b>Introduction by session chair</b>  <i>Richard Troiano</i></p> <p style="text-align: center;">10:35–11:10  <b>The magnitude of the energy gap and its determinants</b>  <i>Claude Bouchard</i></p> <p style="text-align: center;">11:10–11:45  <b>The energy gap for obesity</b>  <i>James Hill</i></p> <p style="text-align: center;">11:45–Noon  <b>Questions and discussion</b></p>
Noon–12:30 p.m.	<i>Lunch Break (on your own)</i>
12:30–1:30 p.m.	<i>Poster Session 3</i> <b>Regency Foyer, Columbia Foyer, Columbia C</b>
1:30–2 p.m.	<i>Poster Session 3 Tear-down</i>

<p>1:30-3 p.m.</p>	<p style="text-align: center;"><b>Regency A</b></p> <p><b>Energy Balance: Synchronized Measures of Energy Intake and Output &amp; Data Complexity in Physical Activity Measures</b> Session Chair: Heather Bowles</p> <p style="text-align: center;">1:30-2</p> <p><b>Complexity in measures of active and sedentary behaviors</b> <i>Invited Speaker: Charles E. Matthews</i></p> <p style="text-align: center;">2-2:30</p> <p><b>Energy balance: Synchronized measures of energy intake and output</b> <i>Invited Speaker: W. Philip T. James</i></p> <p style="text-align: center;">2:30-2:45</p> <p><b>Combining biological, epidemiological and food supply data to demonstrate that increased energy intake alone virtually explains the obesity epidemic in the United States</b> <i>Gary Sacks</i></p> <p style="text-align: center;">2:45-3</p> <p><b>Development of a threshold to classify sedentary behaviour using the Actical accelerometer</b> <i>Rachel Colley</i></p>	<p style="text-align: center;"><b>Columbia A/B</b></p> <p><b>Measurement of Diet and Physical Activity in Population Subgroups: Adults</b> Session Chair: Barbara Ainsworth</p> <p style="text-align: center;">1:30-2</p> <p><b>The need for data on diet and physical activity</b> <i>Invited Speaker: Agneta Yngve</i></p> <p style="text-align: center;">2-2:15</p> <p><b>Development and validation of a brief dietary risk assessment tool for low-income, Caucasian pregnant women</b> <i>Theodora Mouratidou</i></p> <p style="text-align: center;">2:15-2:30</p> <p><b>Dietary assessment in elderly people: Experiences gained from studies in The Netherlands</b> <i>Jeanne de Vries</i></p> <p style="text-align: center;">2:30-2:45</p> <p><b>Evaluation of the feasibility of a face-to-face and telephone 24-hour dietary recall interview using EPIC-Soft for dietary monitoring surveys: The respondent's viewpoint</b> <i>Inge Huybrechts</i></p> <p style="text-align: center;">2:45-3</p> <p><b>Physically active lifestyle increases the risk of fattening</b> <i>Klaas Westerterp</i></p>	<p style="text-align: center;"><b>Capitol A/B</b></p> <p><b>Diet Measurement of Individual Intake: Validation of Instruments</b> Session Chair: Nick Wareham</p> <p style="text-align: center;">1:30-1:45</p> <p><b>Being observed eating school meals did not influence 24-hour dietary recalls by fourth-grade children</b> <i>Suzanne Domel Baxter</i></p> <p style="text-align: center;">1:45-2</p> <p><b>Validity of a computerized 2-day 24-hour recall (EPIC-Soft) for comparisons of intake between five European countries: Preliminary results from the European Food Consumption Validation (EFCOVAL)</b> <i>Sandra Crispim</i></p> <p style="text-align: center;">2-2:15</p> <p><b>Using NHANES 2005-2006 to compare energy intake misreporting among children and adolescents with adults</b> <i>Sarah Forrestal</i></p> <p style="text-align: center;">2:15-2:30</p> <p><b>Adolescents' ability to recall food intake does not improve with repeated 24-hour recalls</b> <i>Deborah Kerr</i></p> <p style="text-align: center;">2:30-2:45</p> <p><b>European Food Consumption Validation (EFCOVAL): The prevalence and impact of self-reported atypical days in EFCOVAL</b> <i>Inger Therese L. Lillegaard</i></p> <p style="text-align: center;">2:45-3</p> <p><b>Self-reported energy intake by a food frequency questionnaire compared with energy needs to maintain body weight in 516 adults</b> <i>Els Siebelink</i></p>
<p>2-4:30 p.m.</p>	<p>Poster Session 4 Setup</p>		

<p>3:15-4:45 p.m.</p>	<p style="text-align: center;"><b>Regency A</b></p> <p><b>Data Complexity in Dietary Measures: Data Handling, Missing Data, and Beyond</b> Session Chair: Lauren Lissner</p> <p style="text-align: center;">3:15-3:20 <b>Introduction</b> <i>Lauren Lissner</i></p> <p style="text-align: center;">3:20-3:40 <b>Data complexity in dietary measures: The importance of temporal relationships</b> <i>Invited Speaker: Walter Willett</i></p> <p style="text-align: center;">3:40-3:50 <b>Multiple imputation of longitudinal dietary data</b> <i>Jaakko Nevalainen</i></p> <p style="text-align: center;">3:50-4 <b>Do specific food sources of fat, associated nutrients, or the overall dietary pattern explain diet-breast cancer associations among women of the Malmö Diet and Cancer cohort?</b> <i>Elisabet Wirfält</i></p> <p style="text-align: center;">4-4:10 <b>Use of reduced rank regression methods to identify dietary patterns that predict coronary heart disease: The Whitehall II study</b> <i>Sarah McNaughton</i></p> <p style="text-align: center;">4:10-4:30 <b>Issues in assessing and interpreting analyses with ethnic differences in dietary patterns</b> <i>Invited Speaker: Katherine Tucker</i></p> <p style="text-align: center;">4:30-4:45 <b>Questions and discussion</b> <i>Berit Heitmann</i></p>	<p style="text-align: center;"><b>Columbia A/B</b></p> <p><b>Measurement of Diet and Physical Activity in Population Subgroups: Children and Adolescents</b> Session Chair: Juan Rivera-Dommarco</p> <p style="text-align: center;">3:15-3:45 <b>Estimating dairy intake in the distant past by focus groups: Relevance for radiation dose estimation from nuclear testing in Kazakhstan</b> <i>Invited Speakers: Nancy Potischman &amp; Vladimir Drozdovitch</i></p> <p style="text-align: center;">3:45-4 <b>Defining low aerobic fitness in children: A post-hoc analysis of fitness and clustering of cardiovascular risk factors</b> <i>Amanda R. Amorim Adegboye</i></p> <p style="text-align: center;">4-4:15 <b>Validity of four prediction equations for estimating energy expenditure during simulated free-play in children</b> <i>Cheryl A. Howe</i></p> <p style="text-align: center;">4:15-4:30 <b>Comparing methods of assessing preschoolers' diet and the childcare nutrition environment</b> <i>Gabrielle Grode</i></p> <p style="text-align: center;">4:30-4:45 <b>Children's accuracy for reporting energy and macronutrient intake at school meals: Conclusions concerning effects of retention interval depend on the analytic approach</b> <i>Suzanne Domel Baxter</i></p>	<p style="text-align: center;"><b>Capitol A/B</b></p> <p><b>Portion Size Estimation</b> Session Chair: Michael Nelson</p> <p style="text-align: center;">3:15-3:20 <b>Introduction</b> <i>Michael Nelson</i></p> <p style="text-align: center;">3:20-3:35 <b>Portion size estimation and its validity</b> <i>Invited Speaker: Michael Nelson</i></p> <p style="text-align: center;">3:35-3:50 <b>Measuring portions in food frequency questionnaire for adolescents: Validity of food photographs</b> <i>Rosangela Pereira</i></p> <p style="text-align: center;">3:50-4:05 <b>Adolescents' ability to accurately estimate portion sizes of breakfast foods and daytime snacks</b> <i>TusaRebecca Schap</i></p> <p style="text-align: center;">4:05-4:20 <b>Accuracy of portion size determination using digital food photography aids in the development of an Automated Self-Administered 24-hour dietary recall (ASA24)</b> <i>Jennifer Crafts</i></p> <p style="text-align: center;">4:20-4:35 <b>Validation of portion size photographs used for the Rapp Tool</b> <i>Martani Lombard</i></p> <p style="text-align: center;">4:35-4:45 <b>Questions and discussion</b></p>
<p>5-6 p.m.</p>	<p>Poster Session 4 <span style="float: right;"><b>Regency Foyer, Columbia Foyer, Columbia C</b></span></p>		
<p>6-6:30 p.m.</p>	<p>Poster Session 4 Tear-down</p>		
<p>7-10 p.m.</p>	<p>Conference Dinner (prepaid only) <span style="float: right;"><b>Union Station—East Hall</b></span></p>		

**Sunday, June 7, 2009**

<p>8:30–10 a.m.</p>	<p style="text-align: center;"><b>Regency A</b></p> <p style="text-align: center;"><b>Validation Studies of Recovery Biomarkers for Dietary Intake and Physical Activity</b>            Session Chair: Laurence Freedman            Co-Chair: Arthur Schatzkin</p> <p style="text-align: center;">8:30–8:50  <b>The Observing Protein and Energy Nutrition (OPEN) Study</b>  <i>Invited Speaker: Arthur Schatzkin</i></p> <p style="text-align: center;">8:50–9:10  <b>Biomarker calibrated energy and protein consumption and cancer risk in the Women’s Health Initiative</b>  <i>Invited Speaker: Ross Prentice</i></p> <p style="text-align: center;">9:10–9:30  <b>The USDA AMPM Validation Study</b>  <i>Invited speaker: Alanna Moshfegh</i></p> <p style="text-align: center;">9:30–9:40  <b>Discussant</b>  <i>Walter Willett</i></p> <p style="text-align: center;">9:40–9:50  <b>Discussant</b>  <i>Laurence Freedman</i></p> <p style="text-align: center;">9:50–10  <b>Questions and discussion</b></p>	<p style="text-align: center;"><b>Regency Ticonderoga</b></p> <p><b>Measuring Dietary Supplement Intake</b>            Session Chair: Regan Bailey</p> <p style="text-align: center;">8:30–8:45  <b>Estimating distributions of usual total nutrient intake: A comparison of available methods</b>  <i>Invited Speaker: Kevin Dodd</i></p> <p style="text-align: center;">8:45–9  <b>Validity of supplement intake among users based on combined data from a 24-hour recall and a frequency questionnaire: Results from the SURE study</b>  <i>Lynne Wilkens</i></p> <p style="text-align: center;">9–9:15  <b>Multivitamin/mineral calculator for assessing nutrient intake using the Dietary Supplement Ingredient Database (DSID)</b>  <i>Janet Roseland</i></p> <p style="text-align: center;">9:15–9:30  <b>Challenges in combining food and supplemental intake data using the Canadian Community Health Survey–Nutrition</b>  <i>Didier Garriguet</i></p> <p style="text-align: center;">9:30–9:45  <b>The measurement of dietary supplement intake in the second French Individual National Food Consumption Survey (INCA 2)</b>  <i>Lionel Lafay</i></p> <p style="text-align: center;">9:45–10  <b>Dietary supplemental intake in young children in The Netherlands</b>  <i>Heidi Fransen</i></p>	<p style="text-align: center;"><b>Regency Yorktown/Valley Forge</b></p> <p><b>Lessons Learned from National Surveillance Studies on Physical Activity</b>            Session Chair: Regina Guthold</p> <p style="text-align: center;">8:30–9:10  <b>Global surveillance of physical activity: Progress and lessons from the use of IPAQ and GPAQ</b>            Invited Speakers: Fiona Bull &amp; Regina Guthold</p> <p style="text-align: center;">9:10–9:25  <b>Within-person differences in physical activity measured by self-report and accelerometer in NHANES, 2003–2006</b>            Richard Troiano</p> <p style="text-align: center;">9:25–9:40  <b>Influence of new U.S. physical activity guidelines for aerobic activity on adherence estimates</b>  <i>David Berrigan</i></p> <p style="text-align: center;">9:40–10  <b>Questions and discussion</b></p>
<p>10–10:30 a.m.</p>	<p style="text-align: center;"><i>Refreshment Break</i></p>		

<p>10:30 a.m.–Noon</p>	<p style="text-align: center;"><b>Regency Ballroom</b></p> <p style="text-align: center;"><b>Closing Plenary</b> <b>Selling Our Product: Presenting Diet and Physical Activity Data to Policy Makers</b></p> <p style="text-align: center;">10:30–10:35 <b>Introduction by session chair</b> <i>Susan Krebs-Smith</i></p> <p style="text-align: center;">10:35–10:55 <b>Eating healthy needs a piggy-back to win</b> <i>Enrique Jacoby</i></p> <p style="text-align: center;">10:55–11:15 <b>Selling our product: Presenting physical activity data to policy makers</b> <i>William Haskell</i></p> <p style="text-align: center;">11:15–11:35 <b>Data in physical activity promotion—How do we bridge the gap to our cross-sectoral partners and to policy makers?</b> <i>Brian Martin</i></p> <p style="text-align: center;">11:35–11:55 <b>The importance of diet data: Growing awareness and future directions</b> <i>Linda V. Van Horn</i></p> <p style="text-align: center;">11:55–Noon <b>Closing comments</b> <i>Amy F. Subar, Chair</i></p>
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