2. PRC and Cancer Council NSW are investigating consumers' responses to different front-of-pack food labeling formats (from left: Colleen Glasson (Cancer Council), [206x423]2 [50x685]2
MESSAGE FROM PROFESSOR ADRIAN BAUMAN

In 2011 the prevention of chronic disease was a major focus of international, national and state health initiatives. The United Nations High-level meeting on non-communicable disease prevention and control, the establishment of the Australian National Preventive Health Agency and obesity prevention targets in the new NSW Government State Plan all indicated significant commitments to building more concerted efforts to prevent disease and promote health.

In this context, the Prevention Research Collaboration’s expertise and track record in building evidence to guide prevention policies and practices is more relevant than ever. The PRC continues to excel at doing research that is relevant and appropriate for policy and for informing public health. Improving population health is a core driver of PRC’s approach to research and research dissemination, whether we are working in local, state, national or international contexts.

In this Annual Report we highlight a selection of our work, including research projects, policy advice, presentations to scientific, professional and community forums and publications. It has been a highly productive year for PRC researchers, with close to 100 peer-reviewed academic papers published. Many of our research projects are being conducted in support of, or in collaboration with, government and non-government organizations, as well as other research groups both within and outside of Sydney University. The development of the Centre for Obesity, Diabetes and Cardiovascular Disease, as a cross-disciplinary academic centre in Sydney University, has created a high profile for chronic disease prevention that has engaged with PRC researchers.

During 2011 we have made important advances in understanding, investigating and publicly discussing issues related to translational research, both in terms of the different stages and types of research involved, as well as the processes for linking research with policy and practice stakeholders.

I wish to thank the members of the PRC Advisory Committee and other PRC stakeholders and partners for their contributions and support. I also appreciate the ongoing commitment of PRC staff to the development of excellent and relevant evidence, in order to contribute to larger efforts to promote population health in NSW, Australia and internationally.

Adrian Bauman

Sesquicentenary Professor of Public Health
Academic Director, Prevention Research Collaboration.
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INTRODUCTION

The Prevention Research Collaboration (PRC) is a specialised research group within the Sydney School of Public Health, at the University of Sydney. This collaboration has expertise in public health nutrition, physical activity, obesity prevention, epidemiology and health promotion research, as well as other aspects of primary prevention.

The PRC has an applied research focus and actively facilitates the application and translation of research knowledge into policy and practice. The PRC seeks to achieve excellence and relevance in relation to its research focus areas, which specifically comprise:

1. Public health prevention research on physical activity, nutrition and obesity

2. Applied public health research, including research translation, population reach and dissemination research

3. Policy-relevant and technical research for government and international bodies


While the primary outputs of PRC research are academic publications, the PRC also makes significant capacity building contributions through public health teaching and training.

Our applied focus means that PRC researchers are engaged in collaborations with government and non-government agencies, as well as other research groups within and outside of Sydney University; examples of which are described throughout this report.
## STAFF AND ASSOCIATES

### STAFF

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<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Adrian Bauman</td>
<td>Professor of Public Health</td>
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<tr>
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<tr>
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<td>Administrative Officer</td>
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<tr>
<td>Rachel Laws</td>
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<td>Bronwyn McGill</td>
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<tr>
<td>Philayrath Phongsavan</td>
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<td>Chris Rissel</td>
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<td>Belinda Von Hofe</td>
<td>Research Officer</td>
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*PRC delegates at 2011 ISBNPA International Conference, Melbourne*
## PRC DIRECTORS

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<th>Name</th>
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<td>Adrian Bauman</td>
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<td>Senior Lecturer</td>
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<td>Chris Rissel</td>
<td>Professor of Public Health</td>
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## VISITING ACADEMICS 2011

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<tr>
<th>Name</th>
<th>Visitor details</th>
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<tr>
<td>Associate Professor Reza Amani</td>
<td>Ahvaz Jondi-Shapour University, Iran</td>
</tr>
<tr>
<td>Dr Charlie Foster</td>
<td>British Heart Foundation Health Promotion Group, Oxford University</td>
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<tr>
<td>Vegar Rangul</td>
<td>PhD student, Norwegian University of Science and Technology</td>
</tr>
<tr>
<td>Tracie Reinten-Reynolds</td>
<td>NSW Biostatistical Training Program (6 months)</td>
</tr>
<tr>
<td>Victoria Pye</td>
<td>NSW Biostatistical Training Program (6 months)</td>
</tr>
<tr>
<td>James Scandol</td>
<td>NSW Biostatistical Training Program (6 months)</td>
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## RESEARCH STUDENTS

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<tr>
<th>Name</th>
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<tr>
<td>Bill Bellew</td>
<td>DrPH</td>
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<tr>
<td>Magnolia Cardona</td>
<td>PhD</td>
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<tr>
<td>Hugh Caterson</td>
<td>MPhil</td>
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<tr>
<td>Josephine Chau</td>
<td>PhD</td>
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<td>Shane Hearn</td>
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<td>Bridget Kelly</td>
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<td>Andrew Milat</td>
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<td>Lis Neubeck</td>
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<td>Blythe O’Hara</td>
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<td>Nicholas Petrunoff</td>
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<td>Chan Kam Sang</td>
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<td>Janice Sangster</td>
<td>PhD</td>
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<tr>
<td>Vanessa Shrewsby</td>
<td>PhD</td>
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<td>Li Ming Wen</td>
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RESEARCH PROGRAMS

The Prevention Research Collaboration is engaged in a range of policy-relevant research studies which generate different types of public health evidence. PRC undertakes research in epidemiology, measurement studies, health promotion program evaluation, qualitative and mixed methods research, and translational research, investigating the processes of building and applying evidence for large-scale population health programs and policies.

PRC has specialised research clusters in physical activity and public health nutrition, and a specific program of research in support of NSW Ministry of Health’s policies and statewide health advancement programs.

SITTING AND HEALTH

Research into sedentary behaviours (e.g., sitting at work, sitting to watch TV, sitting during transport) is accumulating evidence suggesting that prolonged periods of sitting and sedentary behaviours may be associated with a range of negative health consequences, independent of physical activity. During 2011 PRC researchers have been collaborating with international groups in developing this emerging field.

An international study led by Adrian Bauman and published recently found that adults sit on average 5 to 6 hours per day. This study categorised people into five groups based on median self-reported sitting time (ranging from <180min/day to ≥ 540min/day). Brazil, Portugal, Colombia, India and China had the lowest proportion of “high sitters” (<10%), while Hong Kong, Lithuania, Czech Republic, Norway, Taiwan, Saudi Arabia and Japan had the highest proportion of “high sitters” (>25%).

As part of the sitting and health research program, PRC researchers are also collaborating with researchers from the Norwegian University of Science and Technology on the Nord-Trøndelag health study (HUNT). The HUNT study is one of the largest health studies in the world and this collaboration is an excellent opportunity to advance the field of sedentary behaviour research. This project with HUNT will examine the associations of different types of sitting with a variety of health risks and outcomes, including obesity, diabetes and mortality. This research will progress the rapidly growing literature on the associations between sedentary behaviour and health risks and outcomes because HUNT has objectively measured biological and physical outcome data, whereas the majority of studies have involved self-reported data. HUNT surveys have been conducted in several waves, allowing for longitudinal analyses.
Given the ubiquity of sedentary behaviours in modern society, it is important to study the potential health effects associated with sitting.


EVALUATION OF NSW GET HEALTHY INFORMATION AND COACHING SERVICE

The PRC is evaluating the largest state-wide health promotion initiative developed by NSW Ministry of Health. Since February 2009, adults living in NSW with chronic disease risk factors are able to access the free Get Healthy Information & Coaching Service (GHS) via a 1300 number, where they are supported to make lifestyle changes in relation to healthy eating, being physically active and maintaining a healthy weight through a 6-month telephone coaching program. In 2010, the GHS has been also available to ACT and Tasmanian residents.

In the first two years of the GHS, the evaluation found that the program is being used by people from socio-economically disadvantaged backgrounds and by people wanting to better manage their weight and improve their health and wellbeing. The results also indicate that further concerted efforts are needed to increase program uptake and mass-reach, through referrals from settings such as primary health care and workplaces. The evaluation results are being used by NSW Ministry of Health to increase GHS uptake and reach, and refine the overall delivery of the program.

Using a pre-post cohort evaluation design involving tracking 1,082 randomly selected GHS users over a 12-month period, the evaluation also shows that participants receiving the telephone-based coaching program have been effectively supported to either lose weight or maintain healthy weight, increase physical activity and/or increase fruit and vegetable consumption. The evaluation team is currently examining the dose-response issue, including investigating whether the benefits of the program can be delivered more efficiently. Tracking participants after the completion of the GHS is critical for monitoring the sustainability of behaviour change beyond the 6-month formal coaching period. In this context, the PRC together with colleagues from the University of Queensland will commence an effectiveness evaluation study of theoretically-based strategies to maintain behaviour change and weight loss following completion of the 6-month coaching program.

“Desk jobs and high leisure time sitting are killers. We now know that it is vital for people who sit for most of the day to incorporate extra physical activity into their routines.”

Adrian Bauman
The evaluation team comprises members of the PRC, researchers from the University of Queensland and the University of Technology, Sydney, who have expertise in public health program evaluation, behavioural science, health economics, research translation and nutrition.

References:

SYDNEY DIABETES PREVENTION PROGRAM

The Sydney Diabetes Prevention Program (SDPP) was a community-based diabetes prevention translational study targeting at-risk 50-65 year olds, funded by NSW Health. The project was run by the Boden Institute in conjunction with the Sydney Local Health District (formerly Sydney South West Area Health Service), three Divisions of General Practice (Southern Highlands, Macarthur and Central Sydney General Practice Network) and the Australian Diabetes Council (formerly Diabetes Australia-NSW). The PRC led the evaluation of the SDPP.

In the SDPP eligible patients were referred by participating GPs to a 12 month program to improve nutrition, increase physical activity and lose weight. GPs screened and recruited patients (using the AUSDRISK tool), determined eligibility, excluded undiagnosed diabetes and followed them up over the 12 months of the Program. Lifestyle Officers employed through the Divisions delivered the 12 month Program.

This translational study was designed to ascertain the reach, feasibility, effectiveness and cost-effectiveness of the Program. If demonstrated to be effective, it will result in recommendations for policy change and practical methods for a wider community program for preventing or delaying the onset of type 2 diabetes in high risk people. A final report is due to be completed by the end of 2011.

As part of PRC’s program of work on translational research and in collaboration with the Boden Institute, predictors of enrolment in the Sydney Diabetes Prevention Program (SDPP) were examined in a specific sub-study.

During 2011, another sub-study comprised a qualitative study to explore participants’ experiences of the SDPP and to identify options to improve the program. Six focus groups were conducted with a purposeful sample of low and high achievers, as well as ten individual interviews with participants who did not attend any of the group sessions.
SOCIAL EPIDEMIOLOGY ON 45 AND UP

Led by Adrian Bauman, members of the PRC, along with 17 senior public health researchers across NSW, are involved in a cohort observational study to ‘Understand the impact of social, economic and geographic disadvantage on the health of Australians in mid - later life: Where are the opportunities for prevention?’. Using the infrastructure of the Australian 45 and Up Cohort Study, the study is investigating the social, economic and environmental factors (SEEF) impacting health behaviours, health status and health service use of Australians aged 45 years and older. The study mailed out questionnaires to approximately 100,000 people who were randomly drawn from the 45 and Up Cohort. Just over 60,000 responded to the SEEF survey (~60% response rate). Analyses are underway with various SEEF researchers examining a diverse set of questions around health-related behaviours (physical activity, nutrition, obesity), inequity and health care utilisation, income and retirement, psychological health, social connections and health conditions (diabetes, cancer, cardiovascular disease). Planning for longitudinal studies linking SEEF to baseline 45 and Up Cohort data, and health outcomes through routinely collected data will be another key research activity for 2012.

SMOKECHECK

Adrian Bauman has taken the role of Senior Investigator on SmokeCheck for its last phase of work with NSW Ministry of Health. SmokeCheck is a major program administered through the Sydney School of Public Health, which seeks to enable Aboriginal Health Workers and health services in NSW to encourage, assist and support Aboriginal health clients to make quit smoking attempts.

Since 2010, the phase 2 has included a Health Services Integration Project, working closely with local managers of health services and agencies to support their staff integrate SmokeCheck into routine practice. The fundamental component of SmokeCheck is a one day training workshop for anyone providing healthcare to Aboriginal clients, both in a mainstream or community controlled health setting. Over 1,000 people have been trained in this smoking cessation brief intervention.

The NSW SmokeCheck Program is funded by the NSW Ministry of Health and the Cancer Institute NSW. A Final Report on the project will be completed this year, with the last phase focusing on recommendations for specific smoking cessation interventions among Aboriginal and Aboriginal Health Worker groups.


“Over 1,000 people have been trained by SmokeCheck”
SmokeCheck website, November 2011
TECHNICAL SUPPORT FOR NSW CANCER INSTITUTE - YOUNG PEOPLE’S EXPOSURE TO ON-LINE TOBACCO MARKETING

Adrian Bauman, Anne Grunseit and Chris Rissel are providing technical support to the NSW Cancer Institute in their analysis of data related to exposure of young people to tobacco promotion and marketing. The NSW Cancer Institute has collected new data which will identify the extent of tobacco promotion on the internet and in computer games, and help assess the impact of restrictions of the display of tobacco products in stores.

PHYSICAL ACTIVITY NUTRITION OBESITY RESEARCH GROUP (PANORG)

PANORG Planning Forum
As part of its ongoing planning process, PANORG convened a forum to discuss priorities for policy-relevant research for the next two years. The forum held on 11th August was facilitated by Dr Jo Mitchell (Associate Director, Centre for Epidemiology and Research, Population Health, NSW Ministry of Health) and included representatives of the Centre for Health Advancement in NSW Ministry of Health, PRC Advisory Committee members and a small number of PRC researchers. The forum was designed to stimulate exchange of knowledge and perspectives between research and policy and practice domains, in order to identify significant and strategic questions and issues that could be addressed by PANORG. The discussion generated many ideas, and there is strong consistency about what further evidence is required to extend current obesity prevention efforts.

Measuring rural food environments within Murrumbidgee Health Local Network, NSW
In order to contribute to understanding about how food environments vary and influence food choices, PANORG developed instruments for measuring food availability in food retail and food services stores (Community Food Environments) and availability of indicator food items in these stores (Consumer Food Environments). A pilot project used these measures to map food availability in three small rural towns in NSW.
SPANS 2010
The latest Schools Physical Activity and Nutrition Survey (SPANS) was conducted in 2010, with results released during 2011. SPANS 2010 was planned, conducted and analysed by the Physical Activity Nutrition Obesity Research Group (PANORG) within PRC, and funded by NSW Ministry of Health. The key finding was that the prevalence of overweight and obesity had not changed significantly, in contrast to earlier trends which showed consistent increases since 1985.

In November the NSW Minister for Healthy Lifestyles, Kevin Humphries, and the NSW Minister for Education, Adrian Piccoli, released the Report of the 2010 NSW Schools Physical Activity and Nutrition Survey (SPANS). SPANS 2010 is the third Ministry of Health funded monitoring survey of NSW school aged children aged 5-16 years. It included measuring the children’s weight status and weight-related behaviours to ascertain current and temporal trends and reported on a representative sample of school students in NSW – 8,058 children in Years K, 2, 4, 6, 8 and 10 – from a total of 101 government, Catholic and independent schools in urban and rural areas. The report provides detailed information on students’ physical activity, fitness, fundamental movement skills and eating behaviours, as well as providing invaluable information for guiding policies and programs to reduce childhood overweight and obesity and promoting children’s health. The information can be used directly by different jurisdictions to identify issues of concern and priorities for action.

“NSW is the only Australian state with information on long-term trends in weight status, with comparable surveys of school students in 1985, 1997, 2004 and 2010.”
Louise Hardy

SUMMARY OF SELECTED FINDINGS FROM SPANS 2010
- 22.8% of students were overweight or obese
- 70% of students’ were in the healthy weight range; 7.9% of students were underweight, 17.1% were overweight and 5.8% obese
- Less than half of Years K, 2 and 4 students met the Australian physical activity guideline
- Less than two thirds (63%) of Years 6, 8 and 10 students met the Australian physical activity guideline during summer school terms, and only half (51%) met the guideline during winter school terms
- Boys were more proficient at object-control and locomotor skills required for sport (i.e. run, vertical jump); while girls were more proficient at the leap and side gallop (locomotor skills for dance and gymnastics)
- Two thirds of students were classified as adequately fit
- Screen-time (e.g. watching TV, playing video games) was the most common sedentary activity for all ages
- More than 50% of students exceeded screen-time guidelines on weekdays and more than 80% exceeded these guidelines on weekends
- 25% of students in Years K, 2 and 4 had a TV in their bedroom
- About 60% of students met the recommended daily intake for fruit, while only 30% met the recommendation for vegetables
- Almost 15% of students drank one or more cups of soft drink per day
- A third of students ate confectionery three or more times a week
Healthy Workplace Guide: 10 Steps to implementing a workplace health program

This resource is a practical guide on how to implement a cost-effective workplace health program; jointly developed by Heart Foundation NSW, Cancer Council NSW and the Physical Activity, Nutrition and Obesity Research Group.

Despite the accumulating focus on prevention programs within workplaces, there was no current, simple resource appropriate for medium and small businesses in NSW.

The Healthy Workplace Guide provides easy to follow steps for creating a healthy, active and productive workplace. The ten steps reflect the key actions of: plan, do, review. The Guide focuses mainly on physical activity and nutrition, but also contains links to information on other health topics such as smoking cessation and mental health. There is a list of practical suggestions for nutrition and physical activity workplace activities, ranking them as requiring low, medium or high levels of resources. The guide was ‘road-tested’ with a number of small businesses as part of its development, and has been well received by businesses participating in recent workplace health conferences and forums.

PUBLIC HEALTH NUTRITION RESEARCH PROJECTS

Early dairy food intake and later health
This project involved secondary analysis of dietary data sets from the Community Asthma Prevention Study (CAPS) to determine whether dairy intake at 18 months or 10 years was associated with difference in weight and blood pressure.

Dairy intake and metabolic risk in the elderly
This project involved assessment of the associations between dietary calcium intake and development of diabetes or cardiovascular events amongst elderly people using dietary data collected in the prospective Blue Mountains Eye Study.

Changes in children’s intake of high sugar foods
A comparative analysis of children’s data from the 1995 National Nutrition Survey and the 2007 Children’s Nutrition and Physical Activity Survey allowed us to assess the changes in intake of high sugar foods and beverages over this time.

Reference:

An analysis of changes in nutritional composition of breakfast cereals
This study examined the composition of breakfast cereals in 2011 and compared it to data collected in 2004 to determine if breakfast cereal...
Manufacturers have responded to the call to reduce sugar and salt, and increase fibre and wholegrains in their products.

**Support and analysis of data from the second Brunei National Nutrition Survey**
Nutrition staff from the PRC continue to provide advice and support for the implementation and analysis of data collected during the 2nd Brunei National Nutrition Survey. Phase 1 of the survey was completed in early 2010 and involved collection of data from around 1500 children aged five years or younger. The preliminary analysis of this data was undertaken by staff at the PRC and more complex analysis will occur later. Phase two of the survey involved collection of similar data from 2500, 16-75 year old adults and this was completed in mid 2011. This data is currently being analysed and more detailed dietary data should be available shortly.

**NCD research priorities and climate change**
A small survey, literature review and analysis was carried out in collaboration with the Menzies Centre for Health Policy to help identify the perceived research priorities to help deal with the potential impact of climate change on diet and health.

**Collaboration with Danish Institute of Preventive Medicine**
Public health nutrition staff have established a collaboration with the Institute of Public Health in Copenhagen to undertake secondary analysis of large datasets from health surveys conducted in Denmark. This collaboration will also provide the opportunity to have input into data collected in future surveys.

**NHMRC Project Grant Successes 2011, For Funding From 2012**
- Chapman S, Redman S, Rychetnik L, King L, Milat A. (Bauman A, Al) Characteristics of intervention research that progresses to ‘real world’ implementation $ 537,020
- Arora A, Bhole S, Curtis B, Hector D, Sivaneswaran S, Moody G. Infant feeding, including breastfeeding, and early childhood food and beverage intake: relationships with early childhood caries and obesity. $240,000.00

“It’s really important to study how everyday, fun activities - like dance - can contribute to good health”

Chris Rissel
In collaboration with Cancer Council NSW, PRC’s PhD student Bridget Kelly has been undertaking a body of research on food and drink sponsorship of children’s sport, funded through an ARC Linkage Grant. Sport sponsorship is a significant form of unhealthy food and drink marketing to children. While sponsorship may be an important source of funding for sport, sponsorship by manufacturers of unhealthy food and drinks, and associated branding and promotions within clubs, can undermine the health promoting goals of sport. Specifically, sponsorship helps to form a connection between the company and the sporting event, and allows children’s positive feelings and attitudes to sport to then be transferred to the company. The more attached children are to sport, such as their physical and emotional attachment to their own sports teams or favourite elite sporting team, the greater the effect of this sponsorship on children’s attitudes to sponsors, thus creating a favourable impression of their company, brand and product.

The program of research has covered:

1. The scope of unhealthy food and drink sponsorship of children’s sport;
2. The effect of this sponsorship on children; and
3. Potential solutions to create healthier sponsorship arrangements.

The research studies have found that children are exposed to unhealthy food and drink products through junior sports clubs as well as through elite sports, and are able to accurately recall these sponsors. Children develop positive brand images based on their exposure to such sponsorship, and a majority had received vouchers or certificates from food or drink company sponsors at some stage. Parents are aware of the
effects of sponsors on children, and the majority have concerns about this. The majority of parents and about half of the junior sports officials support the idea of policy to restrict unhealthy sponsorship of children’s sport and elite sport, such as restrictions on the use of unhealthy food and drink logos on children’s uniforms. The junior sporting community thought that government should be at least partly responsible for introducing such policies.

FIGURE: Sports club officials’, regional association officials’ and parents’ support of policies to limit unhealthy food and drink sponsorship of elite and children’s sport

Publications:


Translating research into policy and practice involves many different processes, with some actively initiated by researchers and others driven by policymakers and practitioners. It can be facilitated by formal knowledge exchange systems and events, as well as frequent communications and informal contacts. During 2011, PRC has been involved in a number of major knowledge exchange events, aiming to facilitate the development and application of research to solve public health problems in different contexts.

HEALTH PROMOTION TRANSLATIONAL RESEARCH PROGRAM

PRC is specifically undertaking investigations on the topic of translational research (TR). Conceptual work has been particularly important, as this is a new, emerging topic and there is a lack of consistent terminology to guide empirical research. The empirical research to date has included case studies to test the applicability of the TR framework developed by PRC researchers, as well as studies on selection bias in efficacy studies, and reach and participation in lifestyle interventions. These studies formed the basis of a Translational Research Forum of researchers, policymakers and practitioners held at Sydney University on 17th October 2011.

This half day event brought together over 80 policy makers, health promotion practitioners and researchers from university, government and non-government sectors, to present, discuss and debate the issue of building and implementing evidence in policy and practice.

Professor Adrian Bauman started the morning by presenting an integrated ‘research to practice’ framework that illustrated the theoretical steps required to build evidence that would be useful to policy makers and practitioners. Professor Chris Rissel then put this framework to the test in applying it to real world case series - child obesity prevention programs in NSW, using the framework to identify gaps in evidence and opportunities for future research and evaluation to strengthen the evidence-base. Further practical examples of translational research in the real world included presentations on the Sydney Diabetes Prevention Program and The Physical Activity, Nutrition And Cardiac Health (PANACHE) Study.

Methodological issues in the application and generalisability of research into practice were addressed with presentations on selection bias, reach and scalability. The Forum focused on policymaking perspectives in the
final session, comprising a panel discussion: What is it that determines when evidence is sufficient and convincing for implementation into policy and practice? Is it a matter of circumstance, quality, packaging or common sense? Overall, the Forum fostered a stimulating exchange of ideas and views about the policy making process as well as the art and science of implementing evidence into health promotion practice.

REVIEW ON FRONT-OF-PACK FOOD LABELLING

Debra Hector from PRC recently conducted a review on the potential for nutritional Front-of-Pack Labelling (FOPL) schemes to positively influence healthier food choices. The PRC review, conducted for the Sax Institute, found that the evidence clearly supports a FOPL scheme based on traffic light colour-coding.

The evidence also strongly supports the need for a single, consistent, credible FOPL scheme applied across all foods within particular categories, to make the scheme equitable, acceptable and useful for making healthier choices. The Australian Government is currently considering the recommendations of the Blewett Labelling Logic report (2011), which recommends the implementation of traffic light FOPL in Australia, although on an initially voluntary basis.

AUSPANET

AusPAnet is a joint initiative of the Heart Foundation and the PRC. It is targeted to building knowledge and capacity in the physical activity workforce. The key elements of this network include:

- A regular e-News (emailed to members fortnightly)
- A dedicated website containing physical activity resources and publications
- The opportunity for network members to ask questions of an expert in the physical activity field
- Provision of professional development information and employment opportunities.

AusPAnet operates from the PRC office, with Rona Macniven as the key contact. AusPAnet is supported by: Government of South Australia, Office for Sport and Recreation, NSW Department of Health and the Premier’s Council for Active Living, Queensland Public Health Forum, Premier’s Physical Activity Council in Tasmania, ACT Health, West Australian Government through the Department of Health.
In August 2011, the PRC conducted two sets of workshops as part of the University of Sydney ALAF program on childhood obesity prevention. The ALAF Fellowship program was funded through an AusAID grant to School of Public Health academics A/Prof Mu Li, Prof Louise Baur (PRC Co-Director) and A/Prof Michael Dibley. The 25 ALAF Fellows included senior researchers, policymakers and program managers from Thailand, China, Indonesia and Vietnam. The primary goal of the Fellowship Program was to increase the capacity of governments (of the program participant countries) to address the emerging childhood obesity problem, and to establish a regional dialogue for cooperation and interventions in this area and foster ongoing technical and policy exchanges between investigators and policy makers in participating countries. The PRC workshops were in our areas of expertise: Global obesity prevention and Physical activity and health.
PRC POSITION PAPERS

Building on its research, the PRC has published 3 Position Papers which present evidence-based recommendations for healthy public policies. Copies are available from the PRC website.
PRC is involved in providing technical and research-based advice to inform public health policy and programs. This occurs in a variety of ways, including: submissions to policy inquiries and formal consultation processes; rapid advice to NSW Ministry of Health on specific issues; review of monitoring and other documents for NSW Ministry of Health; and technical assistance for evaluation and program development with staff from NSW Ministry of Health and health services.

SUBMISSIONS AND CONSULTATIONS

- Submission to SA Health’s Food Variation Regulations 2011 for the Display of Kilojoule Information in Chain Food Outlets (September 2011)
- Submission to NSW Health, Health and Medical Research Strategic Review (August 2011)
- Participated in roundtable consultation and submission to the National Food Plan (August 2011)
- Participated in Healthy Workers’ Quality Framework workshop (September 2011)
- Consultation on the Healthy Workers Initiative Portal (August 2011)
- Submission to National Health and Medical Research Council (NHMRC). Discussion Paper Developing Advanced Health Research Centres In Australia (March 2011)
- Submission to Department of Transport and Infrastructure. National Urban Policy Discussion paper Our Cities - building a productive, sustainable and liveable future (March 2011)
- Response to a formal consultation by NSW Health on Promoting the generation and effective use of population health research in NSW: A strategy for NSW Health 2011-2015 (March 2011)
- Response to a formal consultation on the establishment and function of Medicare Locals, regarding their capacity to undertake prevention roles (March 2011)
- Response to a formal consultation on the proposal for a Community Sponsorship Fund, conducted as part of the National Binge Drinking Strategy (February 2011)
- Comments on NSW Breastfeeding Policy (February 2011)
COMMITTEES

• Adrian Bauman and Ian Caterson are members of the Obesity Expert Group for the Australian National Preventive Health Agency

• Ian Caterson is a member of the Fast Choices Labelling Reference Group for the NSW Food Authority

• Louise Baur is Co-Director of the Australasian Child & Adolescent Obesity Research Network (ACAORN)

• Louise Baur is a member of NHMRC’s Prevention & Community Health Special Committee.

• Adrian Bauman is Immediate Past President, and member of the International Society for Physical Activity and Health Executive Committee

• Adrian Bauman is Director of the regional physical activity network, the Asia Pacific-Physical Activity Network

• Adrian Bauman is a member of the Advisory Committee for the evaluation of Measure Up phase 2

• Chris Rissel is a member of the Cycling Promotion Fund Expert Advisory Committee

• Chris Rissel is a member of the executive of NSW Branch of the Australian Health Promotion Association

• Louise Hardy is co-chair of the ACAORN Physical Activity Stream

• Philayrath Phongsavan is a member of the NSW Get Healthy Service Advisory Group

CONSULTANCY PROJECTS

• Development of Content and Related Resources for a National Health Workers Portal, for Department of Health and Ageing

• Get Healthy Information and Coaching Service Evaluation contract 2011-2013, for NSW Ministry of Health

• Evidence review on Front of Pack Food Labelling, for the Sax Institute

• Consultancy to evaluate the Sit-Stand Workstation pilot for the Heart Foundation NSW

• Final Report on SmokeCheck, for NSW Ministry of Health
PRC staff members have contributed to teaching in a wide range of courses throughout 2011.

<table>
<thead>
<tr>
<th>Course unit name</th>
<th>Co-ordinator/Lecturer/Tutor</th>
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<tbody>
<tr>
<td>International Health Promotion</td>
<td>Philayrath Phongsavan (Co-ordinator/Lecturer/Tutor)</td>
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<tr>
<td>Public Health Program Evaluation</td>
<td>Adrian Bauman (Co-ordinator/Lecturer/Tutor)</td>
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<td></td>
<td>Philayrath Phongsavan (Co-ordinator and Tutor)</td>
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<td></td>
<td>Anne Grunseit (Tutor)</td>
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<td>Global Obesity and Disease Prevention</td>
<td>Louise Hardy (Co-ordinator/Lecturer/Tutor)</td>
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<td>Adrian Bauman (Lecturer)</td>
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<td>Louise Baur (Lecturer)</td>
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<td>Josephine Chau (Lecturer)</td>
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<td>Anne Grunseit (Lecturer)</td>
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<td>Deb Hector(Lecturer)</td>
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<td>Bridget Kelly (Lecturer)</td>
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<td>Lesley King (Lecturer)</td>
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<td></td>
<td>Rachel Laws (Lecturer)</td>
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<td></td>
<td>Philayrath Phongsavan (Lecturer)</td>
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<tr>
<td>Physical Activity and Public Health</td>
<td>Adrian Bauman (Co-ordinator)</td>
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<tr>
<td></td>
<td>Josephine Chau (Lecturer)</td>
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<td></td>
<td>Louise Hardy (Lecturer)</td>
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<td></td>
<td>Hidde Van Der Ploeg (Lecturer)</td>
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<td></td>
<td>Philayrath Phongsavan (Lecturer)</td>
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<tr>
<td>Disease Prevention and Health Promotion</td>
<td>Philayrath Phongsavan (Co-ordinator)</td>
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<td></td>
<td>Adrian Bauman (Lecturer)</td>
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<td>Josephine Chau (Tutor)</td>
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<td>Bridget Kelly (Tutor)</td>
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<td>Lesley King (Lecturer)</td>
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<td></td>
<td>Christine Innes-Hughes (Tutor)</td>
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<td></td>
<td>Blythe O’Hara (Guest Lecturer/Tutor)</td>
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<tr>
<td></td>
<td>Chris Rissel (Lecturer/Tutor)</td>
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<tr>
<td>MIPH (Obesity intervention)</td>
<td>Louise Baur (Lecturer)</td>
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<tr>
<td>M Health Policy (Childhood obesity case example)</td>
<td>Louise Baur (Lecturer)</td>
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<tr>
<td>Health Promotion for Physiotherapy</td>
<td>Philayrath Phongsavan (Guest Lecturer)</td>
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</table>

“Striving to create an environment for students from all walks of life to discuss and debate issues on equal footing can be rewarding and challenging. But when you can see that a student has mastered a concept or that you have aroused their passion for a public health cause, you know you have made a difference in that student’s life, and equally in society’s public health in the future”

PH Phongsavan
<table>
<thead>
<tr>
<th>Course unit name</th>
<th>Co-ordinator/Lecturer/Tutor</th>
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<tbody>
<tr>
<td>Health Promotion for Pharmacy</td>
<td>Philayrath Phongsavan (Guest Lecturer)</td>
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<tr>
<td>Health Promotion and Advocacy for Population Medicine Stage 3</td>
<td>Philayrath Phongsavan (Unit Development)</td>
</tr>
<tr>
<td>Public Health Capstone</td>
<td>Philayrath Phongsavan (Health Promotion Deliverable Co-ordinator)</td>
</tr>
<tr>
<td>Introductory Indigenous Health Promotion</td>
<td>Philayrath Phongsavan (Co-ordinator/Lecturer/Tutor)</td>
</tr>
<tr>
<td>Bachelor of Science (Nutrition)</td>
<td>Bridget Kelly (Lecturer)</td>
</tr>
<tr>
<td>Addressing obesity in the Community (Graduate Medical program)</td>
<td>Tim Gill (Lecturer)</td>
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<td></td>
<td>Louise Baur (Lecturer)</td>
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<tr>
<td>Public health approaches to obesity (Master of Pharmacy)</td>
<td>Tim Gill (Lecturer)</td>
</tr>
<tr>
<td>Food, nutrition and sustainability (Masters of Sustainability)</td>
<td>Tim Gill (Lecturer)</td>
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<td></td>
<td>Sinead Boylan (Lecturer)</td>
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SPANS 2010: NSW CHILD OBESITY PREVALENCE PLATEAUS
12 January 2011
NSW Ministry of Health released a Summary Report of the results of SPANS 2010. This survey was conducted by Louise Hardy from PANORG, on behalf of NSW Ministry of Health.

NEWS ON FOOD MARKETING
July 2011
PRC research into the failure of industry self-regulation to reduce children’s exposure to fast-food advertising on television sparked a tide of media items - across TV news, radio, and metropolitan and regional newspapers. Authors Kathy Chapman from Cancer Council NSW and Lana Hebden from PRC responded to media interest for over a week. Media coverage of the issue was boosted significantly by the AMA, who took the opportunity to call on the federal Government to ban junk food advertisements. Online forums also took up the issue, with articles in The Conversation, The Brisbane Institute and Crikey.

CAN YOU THINK ON YOUR FEET?
August 2011
The PRC publication highlighting how news media frames physical activity was featured in The Conversation.

YOU DON’T NEED CALORIES TO QUENCH YOUR THIRST - MIXED MESSAGES IN THE MEDIA
September 2011
PRC research on how print media news portrayed sweetened drinks was covered on ABC radio and The Conversation.

SITTING WORKERS FACE AN EARLY GRAVE
September 2011
PRC researchers Adrian Bauman and Hidde van der Ploeg presented findings that sitting down for long periods of time increases risk of dying at the annual meeting of the 45 and Up Study.
CARTOON CHARACTERS WAGE WAR ON CHILDREN’S BELLIES

11 September 2011
PANORG researchers undertook a study, in collaboration with the Cancer Council, on food packaging, the results of which reveal that more than 75 per cent of promotional characters on Australian food packets spruik to children products that are high in fat, salt, and sugar. *Journal of Nutrition Education and Behavior* 43(5): 349-355

RESEARCH CALLS FOR GOVERNMENT FUNDING TO BOOST NSW CYCLING

12 October 2011
In the lead up to today’s national Ride to Work Day, researchers from the University of Sydney are calling on the NSW government to increase its support for cycling.

TOO MUCH SCREEN TIME EATING INTO PLAYTIME

21 November 2011
The 2010 NSW Schools Physical Activity and Nutrition Survey was released today, with PANORG’s Louise Hardy, the principal investigator of the survey, commenting that the good news was the proportion of children who were obese or overweight - 22.8 per cent - had not increased since the previous survey in 2004.

REPEALING LEGISLATION WOULD DOUBLE CYCLING NUMBERS

2 December 2011
A new survey of 600 adults in Sydney found that 23% said that they would ride a bicycle more if they did not have to wear a helmet. Cycling levels in Sydney could more than double if laws forcing people to wear bicycle helmets were repealed.
MAKING LINKS

PRC WEBSITE

In September 2011 we launched the PRC website:


PRC NEWSLETTERS 2011
LINKS WITH THE CENTRE FOR OBESITY, DIABETES AND CARDIOVASCULAR DISEASE (CODCD)

The CODCD is under development as a University of Sydney research and education centre focused on addressing significant challenges in chronic disease aetiology, prevention and management. This Centre seeks to harness the substantial intellectual capital and innovation of Sydney University staff and key partners, and forge new partnerships within and beyond the University to deliver unique insights and results. Professor Louise Baur is the ‘Obesity Theme Leader’. During 2011 PRC staff contributed as presenters and discussants at a number of CODCD seminars, including:

- Symposium on Improving Community Health: Learnings from North Karelia and beyond (July 2011)
- Corporate social responsibility (July 2011)
- Symposium on The Mind - Body Interface: Mental Health and Obesity, Diabetes and Cardiovascular Disease (August 2011)
- E-Health and social media (October 2011)

PRC staff have also collaborated with academics across Sydney University to contribute to a number of chapters in the book “A modern epidemic: Expert perspectives on obesity and diabetes”, to be published in February 2012 by University of Sydney Press. Professor Louise Baur is one of the three editors of the book.

“CODCD offers tremendous opportunities to foster stronger population health approaches for preventing and managing these important non-communicable diseases. PRC researchers have already made consistent contributions to the early stages of CODCD planning”

Louise Baur
PRC LUNCHTIME SEMINARS

Since 2006, the PRC lunchtime seminars have continued to provide an informal forum for PRC researchers to discuss their research with colleagues from inside PRC as well as some of our partner organizations. During 2011, seminar topics included:

<table>
<thead>
<tr>
<th>Seminar topic</th>
<th>Presenter</th>
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<tbody>
<tr>
<td>Evaluation of a weight management program for children with disability</td>
<td>Tineke Water (Auckland University of Technology)</td>
</tr>
<tr>
<td>The development of a global branded food composition database to monitor product formulation by food companies</td>
<td>Elizabeth Dunford (George Institute)</td>
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<tr>
<td>Lifestyle risk factor management in community health services: a case study of translation research</td>
<td>Rachel Laws (PRC)</td>
</tr>
<tr>
<td>More people cycling more often – an opportunistic 10 year cycling research program</td>
<td>Chris Rissel (PRC)</td>
</tr>
<tr>
<td>The story from the beginning: Healthy Beginnings</td>
<td>Li Ming Wen (Sydney Area Health Service), Chris Rissel, Louise Baur, Lou Hardy (PRC)</td>
</tr>
<tr>
<td>What have we learnt about identifying and managing adolescent obesity in the community? The Nepean study, the Loozit trial and more!</td>
<td>Louise Baur, Vanessa Shrewsbury, Binh Nguyen (Discipline of Paediatrics &amp; Child Health, Westmead Hospital)</td>
</tr>
<tr>
<td>Physical activity in older adults in NSW - who is meeting the falls prevention guidelines and what are the barriers, enables and motivators among this population</td>
<td>Victoria Pye (NSW Biostatistician Officer Trainee), Rona Macniven, Hidde van der Ploeg (PRC)</td>
</tr>
<tr>
<td>Associations between occupational and leisure-time sitting, physical activity and obesity</td>
<td>Jo Chau (PRC)</td>
</tr>
<tr>
<td>Self-regulation and children’s food advertising: are industry initiatives transparent and accountable?</td>
<td>Belinda Reeve (Faculty of Law, University of Sydney)</td>
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<tr>
<td>Nutrition literacy: exploring consumers’ understanding of terms related to energy and frequency of food consumption</td>
<td>Wendy Watson (Cancer Council NSW), Lesley King (PRC)</td>
</tr>
<tr>
<td>Front-of-pack labelling: not a rapid review</td>
<td>Deb Hector (PRC)</td>
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<td>Seminar topic</td>
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<tr>
<td>Obesity is not a public health problem</td>
<td>Stacy Carter (VELiM, University of Sydney)</td>
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<tr>
<td>Physical activity patterns in adolescence and its subsequent relationship to CVD risk factors and mental health</td>
<td>Vegar Rangul (The HUNT Study, Norwegian University of Science and Technology, Trondheim)</td>
</tr>
<tr>
<td>Experiences from a remote Aboriginal community in the Pilbara</td>
<td>Rona Macniven (PRC)</td>
</tr>
<tr>
<td>Consumer response to health promotion guidelines: a systematic review</td>
<td>Sinead Boylan (PRC)</td>
</tr>
</tbody>
</table>
In 2011 the PRC Management Group comprised Adrian Bauman, Tim Gill, Ian Caterson, Louise Baur, Stephen Colagiuri, Philayrath Phongsavan, Chris Rissel.
## PRC ADVISORY COMMITTEE

<table>
<thead>
<tr>
<th>Name</th>
<th>Role/Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glenn Salkeld (Chair)</td>
<td>Head of School, School of Public Health University of Sydney and University of Technology</td>
</tr>
<tr>
<td>Margaret Allman-Farinelli</td>
<td>Associate Professor in Clinical Nutrition and Dietetics School of Molecular and Microbial Biosciences The University of Sydney</td>
</tr>
<tr>
<td>Kathy Chapman</td>
<td>Director, Health Strategies Cancer Council NSW</td>
</tr>
<tr>
<td>Jo Smith</td>
<td>Director, Centre for Health Advancement NSW Ministry of Health</td>
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<tr>
<td>Barbara Eden</td>
<td>National Food Supply Policy Manager, Heart Foundation</td>
</tr>
<tr>
<td>Julie Flynn</td>
<td>Group Leader, Languages, HSIE and Health PE NSW Curriculum &amp; Learning Innovation Centre, NSW Education and Communities</td>
</tr>
<tr>
<td>Marion Haas</td>
<td>Health Services Research and Deputy Director Centre for Health Economic Research and Evaluation University of Technology, Sydney</td>
</tr>
<tr>
<td>Liz King</td>
<td>Manager, Strategic Research and Development Branch Centre for Health Advancement NSW Ministry of Health</td>
</tr>
<tr>
<td>Julie-Anne Mitchell</td>
<td>Director, Cardiovascular Health Program, Heart Foundation</td>
</tr>
<tr>
<td>Chris Rissel</td>
<td>PRC</td>
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<tr>
<td>Sharon Starkey</td>
<td>Senior Curriculum Support Officer, Health and PE K-12, NSW Education and Communities</td>
</tr>
<tr>
<td>Kerry Turner</td>
<td>Manager Community Sport and Recreation NSW Sport and Recreation</td>
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<tr>
<td>Mandy Williams</td>
<td>NSW Health Promotion Directors’ representative</td>
</tr>
<tr>
<td>Adrian Bauman</td>
<td>Director, PANORG</td>
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<tr>
<td>Louise Baur</td>
<td>Director &amp; Chair, PANORG</td>
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<tr>
<td>Ian Caterson</td>
<td>Director, PANORG</td>
</tr>
<tr>
<td>Tim Gill</td>
<td>Director, PANORG</td>
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<tr>
<td>Lesley King (Secretariat)</td>
<td>Executive Officer, PANORG</td>
</tr>
</tbody>
</table>
CONFERENCE PRESENTATIONS

» 3rd Annual Australian Cycling Conference, Adelaide, 17-18 January 2011
  • Rissel C, Piper T, Willcox S, Bonfiglioli C, Emilsen A, Martin P. A content analysis of Sydney media coverage of recent mandatory helmet legislation discussions.

» WUN Public Health Conference: Early Life Opportunities for the Prevention of Non-communicable Disease (NCD) in Developing Countries, Shanghai, 19-21 May 2011
  • Adrian Bauman (Chair): What can be done? Of all the possibilities, what forms of early life intervention are currently most feasible or should be explored as a matter of urgency, and how can their efficacy be assessed on the short-term?

» ACSM Annual Meeting and World Congress on Exercise is Medicine, Denver, Colorado; 31 May-5 June 2011
  • Adrian Bauman (Keynote Speaker) Physical Activity and Public Policy Research Symposium

» 2nd International Conference on Ambulatory Monitoring of Physical Activity and Movement, Glasgow, UK, 26 May 2011
  • Bauman AE, Chau JY, van der Ploeg HP, Dunn S, Kurko J. Measuring total sitting time in working adults.
  • Chau J, van der Ploeg HP, Dunn S, Kurko J, Bauman A. Measuring sitting and standing at work separately: validating the brief occupational sitting and physical activity questionnaire (OSPAQ).
  • van der Ploeg HP, Merom D, Chau J, Bittman M, Trost S, Bauman AE. How reliable and valid are time use surveys for assessing physical activity and sedentary behaviour?

» ISBNPA Satellite Symposia, School of Population Health, University of Western Australia, Perth; 19-23 June 2011
  Advancing research on the built environment and active living: working with policy makers and designing natural experiments
  • Bauman A, Owen N, Bull F. Working with policy makers and industry partners in designing ‘opportunistic’ evaluations
International Conference of the International Society for Behaviour Nutrition and Physical Activity, Melbourne, 15-18 June 2011

- Baur L, Bauman A. Debate: That we should invest our nutrition and physical activity promotion efforts on youth rather than the ageing population.

- King L. (Facilitator) Symposium: Public health research on food marketing: can it guide policy?
  
  **As part of this Symposium:**
  
  
  - Kelly B, Baur L, Bauman A, King L, Chapman K, Smith B. Philanthropy or promotion: Junior sports sponsorship by food and beverage industries.
  
  - Grunseit A, Taylor A, Hardy, L. Quantifying household obesogenic potential and adolescents’ risk behaviours.
  
  - Chau J, van der Ploeg H, Merom D, Chey T, Bauman A. Relationship between sitting, physical activity, and obesity.
  
  - O’Hara B, Phongsavan P, Eggins D, Venugopal K, Bauman A. NSW Get Healthy Information and Coaching Service® participant profile: reaching those most at need and facilitating lifestyle changes?
  

Major National Symposium, Brunei, 7-9 July 2011

- Adrian Bauman Opportunities to promote physical activity in Brunei-the role of PA guidelines

Menzies Centre for Health Policy, Emerging Health Policy Research Conference, University of Sydney, August 2011

- Kelly B, Baur L, Bauman A, King L, Chapman K, Smith B. Food company sponsors are kind, generous and cool: (Mis)conceptions of junior sports players.

Inaugural Asia-Pacific Cycle Congress, Brisbane, 18-21 September 2011

- Rissel C. The effect on frequency of cycling if mandatory bicycle helmet legislation was repealed in Sydney, Australia: a cross sectional survey.
41st Annual Conference of the Public Health Association of Australia, Brisbane, 26-28 September

- Rissel C. A content analysis of Sydney media coverage of mandatory helmet legislation.

Australia New Zealand Obesity Society, Adelaide, 21-22 October

- Hardy LL, King L, Reinten-Reynolds T, Bauman A. Is Active After School Program Participation Associated With Physical Activity Outcomes?
- Baur L. Symposium: Drug therapy for adolescent obesity.

Public Health Association of Australia Food Futures, Hobart, 22-23 November


Centre for Health Innovation and Partnerships Population Health, Symposium: Prevention is Everyone’s Business, University of Western Sydney, 7-8 December

- Kelly B. Innovative approaches to sponsorship of junior sports.
- Rissel C. Building cycling opportunities into Western Sydney.

Other Presentations

- Adrian Bauman Seminar, St Louis University, St Louis February 2011 Translation research - from evidence to inaction
- Adrian Bauman Seminar, Washington University, St Louis, February 2011 The role of translation research in physical activity
• Adrian Bauman  WUN network seminar, Shanghai, May 2011 Physical activity in NCD prevention


• Rissel C. Inaugural Asia-Pacific Cycling Congress, Brisbane, 18-21 September. The effect on frequency of cycling if mandatory bicycle helmet legislation was repealed in Sydney, Australia: a cross sectional survey.


• Hardy L. (Plenary Speaker) NSW Department of Sport and Recreation, October 2011, Sydney. Results of the NSW Schools Physical Activity & Nutrition Survey 2010 (SPANS 2010)


• Adrian Bauman National NCD symposium, Saigon, October 31-November 1, 2011, Role of NCD prevention in SE Asia
PUBLICATIONS

PEER REVIEWED JOURNAL ARTICLES


• Cliff DP, Okely AD, Morgan PJ, Jones RA, Steele JR, Baur LA. Proficiency deficiency: mastery of fundamental movement skills and skill components in overweight and obese children. Obesity 2011; published online 28 July 2011 (doi:10.1038/oby.2011.241)


• Dirkis H, Ng H, Rissel C. The effectiveness of school Travel Access Guides (TAGs) (Letter). Health Promot J Austr 2011; 22(1): 77


• Dwyer GM, Hardy LL, Peat JK, Baur LA. The validity and reliability of a home environment preschool-age physical activity questionnaire (Pre-PAQ). Int J Behav Nutr Phys Activity 2011; 8:86


• Gebel K, Bauman AE, Sugiyama T, Owen N. Mismatch between perceived and objectively assessed neighborhood walkability attributes: Prospective relationships with walking and weight gain. Health & Place 2011; 17(2): 519–524


• Hebden L, King L, Kelly B. Art of persuasion: an analysis of techniques used to market foods to children. *Journal of Paediatrics and Child Health*; 2011; 47(11): 776-78


• Hector DJ. Complexities and subtleties in the measurement and reporting of breastfeeding practices. *Int Breastfeed J* 2011; 6: 5


• Kelly B, Baur LA, Bauman AE, King L. Tobacco and alcohol sponsorship of sporting events provide insights about how food and beverage sponsorship may affect children’s health. *Health Promot J Aust* 2011; 22(2): 91-96

• Kelly B, Baur LA, Bauman AE, King L, Chapman K, Smith BJ. Food company sponsors are kind, generous and cool: (Mis)conceptions of junior sports players. *Int J Behav Nutr Phys Act* 2011; 8: 95

• Khambalia AZ, Dickinson S, Hardy LL, Gill T, Baur LA. A synthesis of existing systematic reviews and meta-analyses of school-based behavioural interventions for controlling and preventing obesity. *Obesity Reviews* 2011; article first published online: 10 NOV 2011, (doi:10.1111/j.1467-789X.2011.00947.x)


• King, L. Tapping the potential of research-based advocacy (Editorial). *Health Promot J Austr* 2011; **22**(1): 3-4


• Mohsin M, Bauman AE, Forero R. Socioeconomic correlates and trends in smoking in pregnancy in New South Wales, Australia. *J Epidemiol Community Health* 2011; **65**(8): 727-732


• Poulos RG, Hatfield J, Rissel C, Grzebieta R, McIntosh AS. Exposure-based cycling crash, near miss and injury rates: The Safer Cycling Prospective Cohort Study protocol. *Injury Prevention* 2011; published on September 20 (10.1136/injuryprev-2011-040160)


- Rissel C, Wen LM. The possible effect on frequency of cycling if mandatory bicycle helmet legislation was repealed in Sydney, Australia: a cross sectional survey. *Health Promotion Journal of Australia* 2011; **22**(3): 178-83

- Rosenbaum S, Nguyen D, Lenahan T, Tiedemann A, van der Ploeg HP, Sherrington C. Exercise augmentation compared to usual care for Post Traumatic Stress Disorder: A Randomised Controlled Trial (The REAP study: Randomised Exercise Augmentation for PTSD). *BMC Psychiatry* 2011; **11**: 115


- Wen LM, Rissel C, Baur LA, Lee E, Simpson JM. Who is NOT likely to access the Internet for health information? Findings from first-time mothers in southwest Sydney, Australia. *Int J Med Inform* 2011; **80**(6): 406–411


**OTHER PUBLICATIONS**


**UNPUBLISHED REPORTS**

• Heart Foundation, Cancer Council NSW, PANORG. (2011) *Healthy Workplace Guide: ten steps to implementing a workplace health program*. Melbourne; National Heart Foundation of Australia.


