

Centre for Behavioural Research in Cancer Control
Report to Cancer Council WA
July 2012 – June 2013

Centre for Behavioural Research in Cancer Control (CBRCC)

Faculty of Health Sciences
Curtin University
Perth Western Australia

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INTRODUCTION

The Centre for Behavioural Research in Cancer Control (CBRCC) commenced in January 2000 part-funded by Cancer Council WA (CCWA) and Curtin University.

There is substantial evidence that reductions in smoking, alcohol consumption, sun exposure, physical inactivity, obesity, poor diets and risky sexual behaviours can reduce the incidence of cancers by almost a third. However, achieving behaviour change in these areas is difficult, complex and requires sustained long term efforts. Most of all, it requires an understanding of all the factors that influence individuals' adoption and continuation of unhealthy behaviours, the cessation of these unhealthy behaviours, and the uptake and maintenance of healthy behaviours.

Aim

The aim of the Centre for Behavioural Research in Cancer Control is to increase understanding of the influences on people's behaviours which increase their risk of cancer, and, through this understanding, inform the development of effective programs to achieve individual, environmental and policy changes that modify these behaviours and hence reduce cancers.

Cancer Council WA

Cancer Council WA, established in 1958, is the premier organisation in WA focusing on cancer control. In 1998, the CCWA identified the need for the establishment of a behavioural research centre in WA to guide the development, delivery and evaluation of cancer control programs.

Curtin University

The Faculty of Health Sciences at Curtin University successfully bid to partner CCWA in the establishment of the Centre for Behavioural Research in Cancer Control. A contract for a third 5-year term was signed by both parties in mid-2010.

The Faculty of Health Sciences at Curtin University is one of the most comprehensive tertiary centres of health study and training in Australia. The Faculty offers over 100 academic learning programs, more than two thirds of which are for postgraduate study. These courses are offered to over 8,000 students across seven Schools and seven Research Centres, one Research Unit and three Institutes.

Facilities

CBRCC is located at the Curtin Health Research Campus at Shenton Park. It also maintains an office on the Bentley campus in association with the WA Centre for Health Promotion Research (WACHPR), School of Public Health.

Governance Arrangements

The implementation of the CBRCC strategic plan is overseen by the CBRCC Management Committee: Professor Garry Allison (Dean of Research & Graduate Studies, Faculty of Health Sciences) (Chair), Mr Terry Slevin (Director of Research and Education, CCWA), Professor Bruce Maycock (Head, School of Public Health), Professor Charles Watson, Dr Geoffrey Jalleh (Associate Director, CBRCC), and Professor Peter Howat (Director, CBRCC).

The School of Public Health provides administrative support to CBRCC.

DIRECTOR'S REPORT

CBRCC acknowledges the support of the Pro-Vice Chancellor Faculty of Health Sciences, Professor Jill Downie (until end of 2012), Professor Michael Berndt (from early 2013), Professor Bruce Maycock, Professor Garry Allison, Professor Charles Watson, and Cancer Council WA and its staff, in particular Mr Terry Slevin and CEO Ms Susan Rooney. I also acknowledge the excellent contributions of the Centre's staff, as listed in this Report.

This report focuses on the cancer prevention research outputs by the following four staff in the Centre: Prof Howat, Prof Donovan, Dr Jalleh and Dr Lin. In 2012/2013, CCWA part-funded Prof Howat's position as Chair of Behavioural Research in Cancer in the amount of \$160,000.

Research productivity

The 2012-2013 reporting period was again very productive for CBRCC relative to the targets in the Centre's strategic plan. Prof Howat, Prof Donovan, Dr Jalleh and Dr Lin have (co)authored 24 journal articles, 1 book, 17 conference presentations (7 others accepted for presentation in the second half of 2013), 12 research reports, and 4 other publications in a number of cancer prevention research areas. A brief overview of our research in the various cancer prevention areas is provided below.

Tobacco control:

- *CCWA's Make Smoking History media campaigns*
The *Make Smoking History* campaign aims to boost State efforts to drive down the prevalence of smoking in Western Australia, which is currently 15% (i.e., daily smoking among people aged 18 years and above). In 2012/2013, the 'How You're Seen', 'Never Give Up Giving Up' and 'Meet Mick' media campaigns were aired throughout Western Australia. The 'How You're Seen' television advertisement was developed by CCWA and focused on how smokers are seen by different people in their lives every day, including work colleagues, partner, friends, and children. It encouraged smokers to look at themselves and decide if this was the way they wanted to be seen. The 'Never Give Up Giving Up' television advertisement was developed by Quit Victoria and focused on motivating and inspiring smokers to have another go at quitting and emphasised that quitting can be hard. The 'Meet Mick' television advertisements were developed by Quit Victoria and featured Michael 'Mick' Roberts, a 49 year old man from Geelong who suffers from chronic obstructive pulmonary disease (commonly known as emphysema). In the advertisements, Mick talks openly about how much his life had changed since being diagnosed with emphysema. The impact of these three *Make Smoking History* media campaigns on smokers in Western Australia is reported in: (1) Lin, C., Jalleh, G. & Donovan, R.J. Evaluation of the Make Smoking History "How You're Seen" Campaign: Wave 29. CBRCC, 2012; (2) Lin, C., Jalleh, G. & Donovan, R.J. Evaluation of the Make Smoking History "How You're Seen" Campaign: Wave 30. CBRCC, 2012; (3) Lin, C., Jalleh, G. & Donovan, R.J. Evaluation of the Make Smoking History "How You're Seen" and "Never Give Up Giving Up" Campaign: Wave 31. CBRCC, 2013; and (4) Lin, C., Jalleh, G. & Donovan, R.J. Evaluation of the Make Smoking History "Meet Mick" Campaign: Wave 32. CBRCC, 2013.
- *CCWA's Make Smoking History 'Special Build' outdoors campaign*
The *Make Smoking History* 'Special Build' outdoor campaign aimed to deliver a positive quit message in a non-traditional advertising space. The campaign featured life-sized cut-outs of people displayed in the Perth city centre. Three quit messages were promoted: "Quit smoking and stairs won't make you breathless"; "Quit smoking and you'll have more spending money"; and "Quit smoking and you'll have more money to spend on

holidays”. The impact of this campaign on smokers in Western Australia is reported in: Lin, C., Jalleh, G. & Donovan, R.J. Evaluation of the Make Smoking History “Special Build” Outdoor Campaign. CBRCC, 2013.

- *CCWA’s Fresh Start Program*

The *Fresh Start* program provides services to two key groups: smokers who want help to quit (e.g., community and workplace courses); and training for health professionals who want to assist their clients to quit smoking (e.g., brief intervention and facilitator training courses). The *Fresh Start* course for smokers in the community and in the workplace is a comprehensive smoking cessation course that provides information, resources and support about quitting and staying quit. The *Fresh Start* program offers the following three training options for health professionals who want to offer quit smoking courses, or one-on-one advice to staff or clients: (1) Facilitator training: This two-day program is designed to provide health professionals with the information, skills and confidence they need to run *Fresh Start* courses in the workplace and community or offer cessation support on a one-to-one basis; (2) Brief intervention training: This half-day course is designed to equip health professionals with the knowledge and skills to provide brief smoking cessation advice to patients; and (3) Brief intervention educator training: This one day course is designed for health professionals or professional development officers with designated responsibility for training staff in the delivery of brief intervention smoking cessation advice. Evaluations of the *Fresh Start* courses conducted in 2011 and 2012 were reported in: (1) Lin, C., Jalleh, G. & Donovan, R.J. Evaluation of the 2011 Fresh Start Program. CBRCC, 2012; (2) Lin, C., Jalleh, G. & Donovan, R.J. Evaluation of the Fresh Start Program for the Workplace Health Initiative: July to December 2012. CBRCC, 2013; and (3) Lin, C., Jalleh, G. & Donovan, R.J. Evaluation of the 2012 Fresh Start Program. CBRCC, 2013.

- *CCWA’s tobacco opinion polling*

A survey was conducted to determine both smokers and non-smokers’ stance on a number of tobacco control issues: reducing tobacco retail shops; smoke free areas; tobacco advertising and promotion; sales of tobacco products; increasing tobacco taxes; and use of nicotine and flavourings in cigarettes. The results are presented in: Jalleh, G., Lin, C. & Donovan, R.J. Report on Tobacco Control Issues. CBRCC, 2012.

- *Moral perceptions of alcohol and tobacco use among adolescents*

Prof Donovan, Dr Jalleh and Prof Howat successfully completed a 3-year Australian Research Council (ARC) project grant with the primary aim of determining whether a moral stance against alcohol and tobacco use at primary school protects against use of these substances in high school. The secondary aim was to establish the predictive capacity of a number of other constructs in the literature that have primarily been associated with alcohol and tobacco use in cross sectional studies only (e.g., risk taking disposition, parental supervision). A cohort of 1,005 children in Year 7 was surveyed at baseline and followed-up for 2 years. The data support the notion that a moral stance against alcohol and tobacco use has a protective effect on use of these substances. Hence, these findings suggest that curriculum components in primary school dealing with morality issues of alcohol and tobacco could be highly efficacious in reducing alcohol and tobacco uptake in high school. Publications are in progress.

- *Grant application: Development and evaluation of morality curriculum intervention for children in Year 7 to reduce uptake of alcohol and tobacco in high school*

Based on the findings of Prof Donovan et al’s ARC grant project on moral perceptions of alcohol and tobacco use among adolescents, Prof Donovan, Dr Jalleh, Prof Howat and Dr Lin submitted a grant application (2014-16: \$483,042) that aims to develop morality

curriculum components on alcohol and tobacco use for children in Year 7 – immediately preceding the time when there is a marked increase in substance use, and to determine the effectiveness of these morality components on preventing uptake of alcohol and tobacco use in early secondary school (i.e., Years 8 to 10). This grant application has received very positive assessment reports.

- *Grant application: Investigating cigarette smoking as a risk factor for noise induced hearing loss among mining workers*

Prof Howat is a CI on a National Institute of Occupational Safety and Health grant application (2014-15: \$200,000) to investigate whether cigarette smoking is a risk factor for noise induced hearing loss in mining industry male workers. A PhD student is currently involved in a large pilot project for this study with resources provide by Curtin University and the mining industry with Union support. The results of the study have potential to influence smoking prevention / cessation in the Australian mining industry.

- *Grants and publication outputs*

In this report, the reference numbers for the grants and/or publications listed in relation to tobacco control are as follows: research grants in progress: 3; CCWA research projects: 12, 14, 15, 17, 18, 19, 20; research grant applications: 22, 28; research reports: 55, 56, 58, 59, 61, 62, 63, 64, 65; conference presentations: 93.

Alcohol:

- *Moral perceptions of alcohol and tobacco use among adolescents*

Refer to above section on tobacco control.

- *Raising parents' awareness of alcohol and drug risk among children (RADAR)*

Prof Howat is a CI on a community alcohol project grant funded by Healthway and the Drug and Alcohol Office to counter Australia's cultural acceptance of heavy drinking which normalises risky drinking behaviour. The aim of this project is to raise awareness among parents about their children's alcohol and drug use, and what they can do. Alcohol issues covered includes: parental influence on alcohol consumption; leavers and parties; alcohol and drowning; and drink driving. Prof Donovan and Dr Jalleh are members of this project's advisory committee.

- *Alcohol norms and associated harms amongst adolescents*

Prof Howat is a CI on a Healthway grant investigating alcohol related social norms among youths aged 14-17 in Perth, Western Australia. This study has progressed very well with 2 journal articles in print, one under review and several others in progress. A second grant proposal building on this work is ready for submission in October.

- *Online alcohol brief intervention project in WA vocational education and training institutions*

Prof Howat is a CI on this Drug and Alcohol Office funded research project commencing in late 2013. This project builds on the successful Healthway funded university students alcohol project (THRIVE) that Prof Howat was PI. Two additional journal article publications on outcomes of the THRIVE project have been submitted for review.

- *Grant application: Development and evaluation of morality curriculum intervention for children in Year 7 to reduce uptake of alcohol and tobacco in high school*

Refer to above section on tobacco control.

- *Grants and publication outputs*
The reference numbers for the grants and/or publications in relation to alcohol are as follows: research grants in progress: 3, 7, 8, 10; research grant applications: 22; refereed journal articles: 41, 42, 44, 45; other publications: 66, 68, 69; conference presentations: 70, 76, 78.

Physical activity:

- *Physical Activity and Nutrition for Seniors (PANS)*
Prof Howat is PI on a NHMRC research grant aimed at increasing physical activity and promoting better nutrition among seniors. Several journal articles have been produced on this study. The project has also informed the development of three addition projects aimed at improving physical activity and nutrition behaviours of people over the age of 50 years. This includes one targeting people in rural areas of WA; and international study in Vietnam both partly funded by Curtin 3-year PhD scholarships.
- *The impact of workplace design on sedentary behaviour*
Prof Howat is a CI on a Healthway research grant investigating the impact of workplace design on sedentary behaviour.
- *Grant application: A randomised controlled trial of a physical activity and nutrition program in retirement villages*
Prof Howat is a CI on a Healthway research grant application (2014-15: \$190,000) that aims to conduct a randomised controlled trial of a physical activity and nutrition program in retirement villages. A similar research grant application has been submitted for funding to BUPA Foundation (2013: \$185,000). The project is partly funded by a Curtin 3-year PhD scholarship.
- *Grants and publication outputs*
The reference numbers for the grants and/or publications in relation to physical activity are as follows: research grants in progress: 2, 9; research grant applications: 23, 25; refereed journal articles: 29, 36, 38, 39, 40, 43, 45, 48, 49; other publications: 67; conference presentations: 71, 73, 74, 75, 79, 80, 81, 83, 88.

Nutrition:

- *Physical Activity and Nutrition for Seniors (PANS)*
Refer to above section on physical activity.
- *Effectiveness of a mobile phone intervention to promote dietary change*
Prof Howat is a CI on a Healthway research grant investigating the use of mobile phone in promoting dietary change.
- *Effects of counter advertising on parent/child susceptibility to junk food promotions*
Prof Donovan is a CI on a MBF Foundation research grant investigating the effects of counter advertising on parent/child susceptibility to junk food promotions.
- *Food law, policy and health communications to improve public health*
Prof Howat is an AI on a Healthway research grant investigating food law, policy and health communications to improve public health.
- *Grant application: A randomised controlled trial of a physical activity and nutrition program in retirement villages*
Refer to above section on physical activity.

- *Grant application: A dietary intervention using mobile devices to enhance nutrition and health behaviours in adults*
Prof Howat is a CI on a NHMRC grant application (2014-16: \$752,000) to investigate whether dietary intervention using mobile devices enhance nutrition and health behaviours in adults.
- *Grant application: Mobile devices and tailored text messaging in improving dietary habits*
Prof Howat is a CI on a BUPA Foundation grant application (2013: \$389,000) to investigate mobile devices and tailored text messaging as a new approach to improving dietary habits.
- *Grants and publication outputs*
The reference numbers for the grants and/or publications in relation to nutrition are as follows: research grants in progress: 2, 4, 5, 6; research grant applications: 21, 23, 26; refereed journal articles: 30, 31, 32, 33, 34, 35, 36, 38, 39, 40, 43, 47, 51, 52; other publications: 64; conference presentations: 72, 73, 75, 80, 81, 83, 84, 85, 88.

Asbestos exposure:

- *CCWA's research project investigating attitudes towards training in handling and removal of asbestos*
A survey was conducted to investigate attitudes towards training in handling and removal of asbestos among adult residents in Western Australia. The results are presented in: Jalleh, G., Lin, C., Donovan R.J. & Howat, P. Investigating attitudes towards training in handling and removal of asbestos. CBRCC, 2012. In addition, three journal articles are in preparation based on the past asbestos studies carried out by CBRCC.
- *Grants and publication outputs*
The reference numbers for the grants and/or publications in relation to asbestos are as follows: CCWA research projects: 13; research reports: 54; conference presentations: 82, 91.

Ultraviolet light exposure:

- *CCWA's adtesting of sun protection advertising concepts*
Three sun protection advertising concepts were adtested to assess their impact on Western Australians. The results are presented in: Lin, C., Jalleh, G. & Donovan, R.J. Adtesting Sun Protection Advertising Concepts. CBRCC, 2012.
- *CCWA's "UV index" media campaign*
Based on the adtest results, the advertising concept that performed the best was produced by CCWA and used in a "UV index" media campaign aimed at increasing the extent to which Western Australians understand and use the UV index to reduce harmful UV exposure. The impact of this campaign on Western Australians aged 14-45 years is reported in: Lin, C., Jalleh, G. & Donovan, R.J. Evaluation of the 2012/13 "UV index" Campaign. CCWA, 2013. In addition, two journal articles are in preparation based on a Healthway funded study on sun exposure of high school student carried out by CBRCC and CCWA.
- *Grants and publication outputs*
The reference numbers for the grants and/or publications in relation to sun protection are as follows: CCWA research projects: 16; research reports: 55, 58; conference presentations: 90, 92.

Obesity:

- *Obesity prevention in young women*
Prof Howat is a PI on a NHMRC research grant aimed at preventing obesity in young women. Four new journal articles have been submitted for review on this project.
- *Weight loss, compliance and health profile changes among participants in a weight loss program*
Dr Jalleh is a co-investigator on a research project investigating the effects of program compliance on weight loss and health profile changes in the different World Health Organisation's classes of obesity. Data were from participants in a weight loss program delivered by a multidisciplinary team of health professionals, including an exercise physiologist, dietician, psychologist and health educators.
- *Supporting mothers to breastfeed*
Prof Howat is a co-investigator on a research project to educate and support fathers in improving breastfeeding rates. This is an innovative project in addressing the issue of obesity. Breastfeeding is associated with reduced risk of children becoming overweight or obese later in life. For mothers, benefits of breastfeeding include decreased risk of breast and ovarian cancers.
- *Grants and publication outputs*
The reference numbers for the grants and/or publications in relation to sun protection are as follows: research grants in progress: 1; research grant applications: 24; refereed journal articles: 47, 50; conference presentations: 77, 86, 87.

Cancer screening:

- *CCWA's research project on determining the impact of breast imaging advertising*
In recent years, a number of commercial companies have begun promoting alternative breast imaging methods. Despite little or no evidence of the effectiveness of these alternative methods in the detection of breast cancer, advertising of these methods infers or explicitly claims to detect breast cancers. This research study assessed the impact of three commercial breast imaging companies' advertising on beliefs about their methods' effectiveness in detecting breast cancer and intentions to seek more information or consider having a breast imaging. The results were reported in a research report and published in a journal article.
- *Grant application: Integrating personalised genomics into risk stratification models of population screening for cancer*
Prof Donovan is a CI and Dr Jalleh is an AI on a CCWA capacity building and collaboration grant application (2014-16: \$1,200,000) aimed at evaluating the impact of utilising genomic and lifestyle data to improve screening for cancer risk by stratifying the population.
- *Grants and publication outputs*
The reference numbers for the grants and/or publications in relation to cancer screening are as follows: CCWA research projects: 11; research grant applications: 27; refereed journal articles: 37.

Being mentally health has an impact on risk factors for cancer and for people living with cancer. According to the National Cancer Institute, psychological stress that lasts a long time may affect a person's overall health and ability to cope with cancer. Despite not necessarily living longer, people who are better able to cope with stress have a better quality of life while they are being treated for cancer. Apparent links between psychological stress and cancer could arise in several

ways. For example, people under stress may develop certain behaviors, such as smoking, overeating, or drinking alcohol, which increase a person's risk for cancer. People with a mental illness have higher rates of smoking, alcohol use and poorer nutrition habits. The Mentally Healthy WA Campaign is a community-based health promotion campaign that encourages people to take action to improve their mental health and wellbeing. The campaign messages and strategies take a holistic approach to mental health promotion, recognising the World Health Organisation's assertion that 'there is no health without mental health'. One of the key Campaign messages is to keep physically active for your mental health. Appendix 1 lists the grants and publication outputs in relation to the Mentally Healthy WA Campaign.

Research program

CBRCC collaborates with the other Australian centres for behavioural research in cancer control in Victoria, New South Wales and Queensland. It has maintained links with the School of Population Health at the University of Western Australia, the Centre for Child Health Research at Edith Cowan University, and has collaborations within Curtin University, particularly with the School of Public Health, WACHPR, National Drug Research Institute, Public Health Advocacy Institute of WA, School of Psychology, the Centre for Developmental Health, and Curtin Health Innovation Research Institute. CBRCC staff collaborate on research projects with partners throughout Australia and internationally (refer to Appendix 1, Summary of CBRCC collaborations, 2012-13). In addition, staff are represented on numerous local, national and international organisations (refer to 'Other Academic Activities of CBRCC Staff', on page 17+).

Plans for coming year – 2013-14

Priorities for the 2013-14 year include: 1. Ensuring CCWA projects are completed to a high standard as part of the ongoing contractual obligations with CCWA; 2. Increasing peer reviewed publications based on the large data sets accumulated from CBRCC research projects; 3. Preparing collaborative research grant applications for national and internationally competitive granting bodies; 4. Progressing enrolled PhD students to completion; 5. Ensuring existing projects are implemented to a high standard; 6. Mentoring early and mid- career researchers as part of CBRCC's succession plan.

Peter Howat

Director, Centre for Behavioural Research in Cancer Control
Faculty of Health Sciences
Curtin University

August 2013

The rest of this Report summarises only activities where a staff member of CBRCC has been actively involved.

RESEARCH GRANTS

In progress:

1. Howat, P., McManus, A., Anderson, A., Jancey, J., Dhaliwal, S., Burns, S., Hills, A., Oldenburg, B., Jones, C., Slevin, T., Shilton, T., Carter, O., Pollard, C. Obesity prevention in young women. National Health & Medical Research Council (NHMRC). \$455,500 (2009-12) (533500).
2. Howat, P., Lee, A., Jancey, J., Shilton, T., Anderson, A., Hills, A., Kerr, D. Physical Activity and Nutrition for Seniors (PANS). National Health & Medical Research Council (NHMRC). \$459,500 (2009-12) (533501).
3. Donovan, R.J., Zubrick, S., Cross, D., Howat, P., Jalleh, G., Midford, R. Do perceptions of morality of alcohol, tobacco & cannabis use influence uptake in high school? Australian Research Council project grant. \$270,000 (2009-12). (DP0988955)
4. Kerr, D., Pollard, C., Howat, P., Boushey, C., Delp, E., Dhaliwal, S., Pickering, M, Pratt S. Effectiveness of a mobile phone intervention to promote dietary change. Health Promotion Program Grant (Healthway). \$348,800 (2010-13). (# 18932).
5. Dixon, H., Wakefield, M., Donovan, R.J., Baur, L., Crawford, D., Chapman, K., Martin, J., Morley, B., Kelly, B. Effects of counter advertising on parent/child susceptibility to junk food promotions. MBF Foundation, \$280,000 (2010-2012).
6. Pollard, C., Binns, C., Kerr, D., et al. (Howat P an AI). Food Law, Policy and Health Communications to Improve Public Health. Healthway. \$750,000 (2011-15).
7. Fielder, L., Howat, P., Davis, B. & WDL DAG. Raising Awareness of Drug and Alcohol Risk (RADAR). Community Alcohol Project Grant Healthway / Drug and Alcohol Office. \$44,311 (2011-12).
8. Maycock, B., Dhaliwal, S., Allsop, S., Howat, P., Burns, S., Hallett, J., Comfort, J., Lobo, R. Alcohol norms and associated harms amongst adolescents. Healthway. \$240,000 (2012-13).
9. Tye, M., Jancey, J., McGann, S., Howat, P. The impact of workplace design on sedentary behaviour: A case study. Starter Grant. Healthway: WA Health Promotion Foundation. \$28,385. (2012-13).
10. Hallett J, Howat P, Maycock B, Hildebrand. Online alcohol brief intervention project in WA vocational education and training institutions. WA Drug and Alcohol Office; & WA TAFE system. \$135,000. (2013-14).

CANCER COUNCIL WA RESEARCH PROJECTS

11. Jalleh, G., Donovan, R.J. & Lin, C. Adtesting breast imaging advertising, 2012.
12. Jalleh, G. & Lin, C. End Game Scenarios: Opinion Polling, 2012.
13. Jalleh, G. & Lin, C. Investigating attitudes towards training in handling and removal of asbestos, 2012.
14. Jalleh, G. & Lin, C. Evaluation of the Make Smoking History 'How You're Seen' Campaign: Wave 29, 2012.
15. Jalleh, G. & Lin, C. Evaluation of the Make Smoking History 'How You're Seen' Campaign: Wave 30, 2012.
16. Jalleh, G., Lin, C. & Donovan, R.J. 2011/12 SunSmart "Dark Side of Tanning" Campaign Evaluation, 2012
17. Jalleh, G. & Lin, C. Evaluation of the Make Smoking History 'How You're Seen/Never Give Up Giving Up' Campaign: Wave 31, 2013.
18. Jalleh, G. & Lin, C. Evaluation of the Make Smoking History 'Special Build' outdoors campaign, 2013.
19. Jalleh, G. & Lin, C. Evaluation of the 2012 Fresh Start Program. 2013.
20. Jalleh, G. & Lin, C. Evaluation of the Make Smoking History 'Meet Mick' Campaign: Wave 32, 2013.

GRANT APPLICATIONS

National Health and Medical Research Council (NHMRC):

21. Kerr D, Dhaliwal S, Howat P, Boushey C, Delp E, Pickering M, Pollard C, James T et al.. Does a dietary intervention using mobile devices enhance nutrition and health behaviours in adults? NHMRC, \$752,000 (2014-16). March 2013. APP1065228

Australian Research Council (ARC):

22. Donovan RJ, Jalleh G, Howat P, Lin C. Development and evaluation of morality curriculum intervention for children in Year 7 to reduce uptake of alcohol and tobacco in high school use. ARC, \$483,042 (2014-16). March 2013: DP140103149

Other Nationally Competitive Grant Bodies:

23. Jancey J, Howat P, Kerr D, Lee A, Hills A, Anderson A, Slevin T, Holt A. A Randomised Controlled Trial of a Physical Activity and Nutrition Program in Retirement Villages. Healthway. \$190,000 (2014-15). Feb 2013.
24. Maycock B, Binns C, Hauck Y, Scott J, Dhaliwal S, Howat P, Burns S, Giglia R. Metropolitan and Rural Parent Infant Feeding Initiative (PIFI). Healthway. \$452,000 (2014-16). Feb 2013.
25. Howat P, Jancey J, Holt A, Lee A, Kerr D, Robinson S, Hills A, Anderson A, Slevin T. Retirement Village Physical Activity and Nutrition Intervention. BUPA Foundation. \$185,000 (2013). Dec 2012.
26. Kerr D, Pickering M, Boushey C, Delp E, Scott J, Pollard C, Howat P, Dhaliwal S, Solah V, Wright J. Mobile devices and tailored text messaging – a new approach to improving dietary habits? BUPA Foundation. \$389,000 (2013). Dec 2012.
27. Moses, E., Lansdorp-Vogelaar, I., Ee, H., Donovan, R.J., Preen, D., Hendrie, D., Goldblatt, J, Jenkins, M., O’Leary, P., Endersby, T., Ward, S., Maxwell, S., Varhol, R., Cadby, G., Jalleh, G., Stewart, L., Fritschi, L. Integrating personalised genomics into risk stratification models of population screening for cancer, Cancer Council WA, Capacity Building & Collaboration Grant, \$1,200,000, 2014-16.

Other Grant Bodies:

28. Jansz J, Howat P, deBroek V, Jian L, Zhao Y, Nield L. et al. Cigarette smoking a risk factor for noise induced hearing loss in mining industry male workers? National Institute of Occupational Safety and Health (NIOSH) (USA). \$200,000 (2014-15). June 2013

Target: Submit 3 large (\$50,000+ pa for 2+ years) and 2 small (under \$50,000 for 1+ years) grant applications where CBRCC staff are CI or PI.

Outcome achieved: Submitted 8 large grant applications.

PUBLICATIONS

REFEREED JOURNALS

29. Howat, G., Alikaris, J., March, H., Howat, P. (2012) Health related benefits in the customer experience of physical activity participants. *International Journal of Sport Management and Marketing*. 12(1/2):73-92.
30. Pettigrew, S., M. Pescud, and Donovan, R.J. (2012) Older People’s Diet-Related Beliefs and Behaviours: Intervention Implications, *Nutrition and Dietetics*, 69(4): 260-264.
31. Pettigrew, S., Pescud, M., and Donovan, R.J. (2012) Stakeholder support for expansion of an Australian school food policy, *Health Education Research*, 27(6), 996-1004.

32. Pescud, M., Pettigrew, S., Donovan, R.J., Cowie, S., and Fielder, L. (2012) Australian Children's Food and Drink Preferences: Implications for Health Professionals, *Nutrition & Dietetics*, 69(4), 278-284.
33. Pettigrew, S., Pescud, M., Donovan, R.J. Stakeholder perceptions of a comprehensive school food policy in Western Australia. *Health Policy*, 108(1), 100-104.
34. Pettigrew, S., Pescud, M., Donovan, R.J. Traffic light food labelling in schools and beyond. *Health Education Journal*, 71(6), 746-753.
35. Binns C, Jancey J, Howat P. Eat (less) for health? (2013) *Health Promotion Journal of Australia*, 24, 1-2.
36. Burke L, Jancey J, Howat P., Lee A, Kerr D, et al. (2013) Physical Activity and Nutrition Program for Seniors (PANS): Process evaluation. *Health Promotion Practice*. 14(4): 543-551.
37. Johnson, R., Jalleh, G., Pratt, I.S., Donovan, R.J., Lin, C., Saunders, C. & Slevin, T. (2013) Online advertising by three commercial breast imaging services: Message takeout and effectiveness. *The Breast*, 22(5), 780-786.
38. Pasalich M, Lee A, Jancey J, Burke L, Howat P., et al. (2013) Sustainability of a Physical Activity and Nutrition Program for Seniors. *The Journal of Nutrition, Health and Aging*. 17(5): 486-91.2013. (DOI) 10.1007/s12603-012-0433-1.
39. Burke L, Jancey J, Howat P., Lee A, Kerr D, et al. (2013) Physical Activity and Nutrition Program for Seniors (PANS): Process evaluation. *Health Promotion Practice*, 14(4): 543 – 551.
40. Smedley J, Jancey J, Howat P., Dhaliwal S, Zhao Yun, Monteiro G. (2013) Physical Activity, Healthy Eating and Gestational weight gain – Women's Knowledge, Attitudes and Practices During pregnancy. *Health Education Journal*. 2013. Advance online publication. doi:10.1177/0017896912469570.
41. Hildebrand J, Maycock B, Burns S, Zhao Y, Allsop S, Howat P., Lobo R. (2013) Design of an instrument to measure alcohol related psychosocial influences in the development of norms amongst 14-17 year old adolescents. *BMJ Open*. 2013; 3:e003571. doi:10.1136/bmjopen-2013-003571
42. Howat P., Binns C, Jancey J. (2013) Booze barns – fuelling hazardous drinking in Australia? *Health Promotion Journal of Australia*. 2013, 24(2).
43. Burke L, Lee A, Jancey J, Liming Xiang, Kerr D, Howat P., Hills A, Anderson A. (2013) Physical activity and nutrition behavioral outcomes of a home-based intervention program for seniors: A randomized controlled trial. *International Journal of Behavioural Nutrition and Physical Activity*, 10(1), 14.
44. Hildebrand J, Maycock B, Dhaliwal SS, Howat P., Burns S, Allsop S, Lobo R. (2013) Investigation of alcohol related social norms among youths aged 14-17 in Perth, Western Australia: Protocol for a Respondent Driven Sampling study. *BMJ Open*.
45. Blackford K, Jancey J, Howat P., Lee A & Ledger M. Barriers, facilitators and preferred intervention modes for office based worksite health promotion. *Preventing Chronic Disease*. 2013; 10: 130029.
46. France, K., Donovan, R.J., Henley, N., Bower, C., Elliott, E.J., Payne, J., D'antoinette, H.A., Bartu, A.E. (In Press) Promoting abstinence from alcohol during pregnancy: Implications from formative research. *Substance Use and Misuse*.
47. Wright T.G., Dawson, B., Jalleh, G., Law, S. (In press) Weight loss, compliance and health profile changes after very low energy dietary intervention in WHO obesity classes. *Global Epidemic Obesity*.
48. Jones C, Jancey J, Howat P., Dhaliwal S, Burns S, McManus A. et al. (In press) Physical activity status of Australian mothers with young children. *BMC Research Notes*.
49. Monteiro SJ, Jancey J, Dhaliwal SS, Howat P., Anderson A, Hills A, et al. (In press). Results of a Randomized Controlled Trial to promote Physical Activity Behaviours in Mothers with Young Children. *Preventive Medicine*.

50. Maycock B, Binns C, Dhaliwal S, Tohotoa J, Hauck Y, Burns S, Howat P. Education and support of fathers improves breastfeeding rates: a Randomised Controlled Trial. *Journal of Human Lactation*. DOI: 10.1177/0890334413484387 published online 19 April 2013.
51. Pettigrew, S., Donovan, R.J., Jalleh, G. & Pescud, M. (In Press) Predictors of Positive Outcomes of a School Food Provision Policy in Australia. *Health Promotion International*
52. Dixon H, Scully M, Niven P, Kelly B, Chapman K, Donovan RJ, Martin J, Baur L, Crawford D, Wakefield M. (In Press) Effects of nutrient content claims, sports celebrity endorsements and premium offers on pre-adolescent children's food preferences: experimental research. *Pediatric Obesity*.

Target: Write 10 refereed journal articles.

Outcome achieved: 17 published and 7 in press.

BOOKS

53. Egger, G., Spark, R., & Donovan, R.J. (2013) Health Promotion Strategies and Methods. Sydney: McGraw-Hill (4th Edition, Revised).

Target: Write 2 books/book chapters.

Outcome achieved: 1 book published.

RESEARCH REPORTS

54. Jalleh, G., Lin, C., Donovan R.J. & Howat, P. Investigating Attitudes Towards Training in Handling and Removal of Asbestos. Report to the Cancer Council Western Australia. Centre for Behavioural Research in Cancer Control, Faculty of Health Sciences, Curtin University, Perth, 2012.
55. Lin, C., Jalleh, G. & Donovan, R.J. Evaluation of the Make Smoking History "How You're Seen" Campaign: Wave 29. Report to the Cancer Council Western Australia. Centre for Behavioural Research in Cancer Control, Faculty of Health Sciences, Curtin University, Perth, 2012.
56. Lin, C., Jalleh, G. & Donovan, R.J. Evaluation of the 2011 Fresh Start Program. Report to the Cancer Council Western Australia. Centre for Behavioural Research in Cancer Control, Faculty of Health Sciences, Curtin University, Perth, 2012.
57. Lin, C., Jalleh, G. & Donovan, R.J. Adtesting Sun Protection Advertising Concepts. Report to the Cancer Council Western Australia. Centre for Behavioural Research in Cancer Control, Faculty of Health Sciences, Curtin University, Perth, 2012.
58. Lin, C., Jalleh, G. & Donovan, R.J. Evaluation of the Make Smoking History "How You're Seen" Campaign: Wave 30. Report to the Cancer Council Western Australia. Centre for Behavioural Research in Cancer Control, Faculty of Health Sciences, Curtin University, Perth, 2012.
59. Jalleh, G., Lin, C. & Donovan, R.J. Report on Tobacco Control Issues. Report to the Cancer Council Western Australia. Centre for Behavioural Research in Cancer Control, Faculty of Health Sciences, Curtin University, Perth, 2012.
60. Lin, C., Jalleh, G. & Donovan, R.J. Evaluation of the 2012/13 "UV index" Campaign. Report to the Cancer Council Western Australia. Centre for Behavioural Research in Cancer Control, Faculty of Health Sciences, Curtin University, Perth, 2013.
61. Lin, C., Jalleh, G. & Donovan, R.J. Evaluation of the Make Smoking History "How You're Seen" and "Never Give Up Giving Up" Campaign: Wave 31. Report to the Cancer Council Western Australia. Centre for Behavioural Research in Cancer Control, Faculty of Health Sciences, Curtin University, Perth, 2013.

62. Lin, C., Jalleh, G., & Donovan, R.J. Evaluation of the 2012 Fresh Start Program for Workplace Health Initiative. Report to the Cancer Council Western Australia. Centre for Behavioural Research in Cancer Control, Faculty of Health Sciences, Curtin University, Perth, 2013.
63. Lin, C., Jalleh, G., & Donovan, R.J. Evaluation of the Make Smoking History “Meet Mick” Campaign: Wave 32. Report to the Cancer Council Western Australia. Centre for Behavioural Research in Cancer Control, Faculty of Health Sciences, Curtin University, Perth, 2013.
64. Lin, C., Jalleh, G., & Donovan, R.J. Evaluation of the 2012 Fresh Start Program. Report to the Cancer Council Western Australia. Centre for Behavioural Research in Cancer Control, Faculty of Health Sciences, Curtin University, Perth, 2013.
65. Lin, C., Jalleh, G., & Donovan, R.J. Evaluation of the Make Smoking History “Special Build” Outdoor Campaign. Report to the Cancer Council Western Australia. Centre for Behavioural Research in Cancer Control, Faculty of Health Sciences, Curtin University, Perth, 2013.

Target: Produce 5 research reports.

Outcome achieved: Produced 12 research reports.

OTHER PUBLICATIONS

66. Blackford K, Fielder, L., Howat, P., Hug, K., Davis, B., Davis, R. 2012. Raising Awareness of Drug and Alcohol Risk (RADAR) project: Information for Local Drug Action Groups to conduct their own community level alcohol awareness project with their local community newspapers. Willetton & District Local Drug Action Group, Perth, Australia. December 2012. ISBN: 978-0-9874704-1-6
67. Blackford, K., J. Jancey, M. Ledger, P. Howat, A. Lee. 2012. Office-based Physical Activity and Nutrition (OPAN) Project: informing the development of obesity prevention programs for office-based employees. WA Centre for Health Promotion Research, & Centre for Behavioural Research in Cancer Control, Curtin University, Perth, Australia. ISBN: 978-0-9874704-0-9
68. Blackford K, Fielder, L., Howat, P., Hug, K., Davis, B., Davis, R. 2013. Raising Awareness of Drug and Alcohol Risk (RADAR) project: Promoting community level alcohol awareness. WA Centre for Health Promotion Research, & Centre for Behavioural Research in Cancer Control, Curtin University, Perth, Western Australia.
69. Hildebrand J, Maycock B, Zhao Y, Burns S, Allsop S, Dhaliwal S, Howat P, Hallett J, Comfort J, Lobo . Psychometric Properties of the Youth Alcohol Norms Survey Instrument. Western Australian Centre for Health Promotion Research; National Drug Research Institute; and Centre for Behavioural Research in Cancer Control, Curtin University. Perth Western Australia. 13 June, 2013

CONFERENCE PRESENTATIONS

70. Hallett, J, McManus, A, Kypri, K, Howat, P, Maycock, B, Technology-assisted alcohol interventions: a systematic review. Population Health Congress, Adelaide. 10-12 September, 2012.
71. Jones, C, Jancey, J, Howat, P, Dhaliwal, S, Burns, S, et al. Physical activity levels and the association with the Transtheoretical model. Population Health Congress, Adelaide. 10-12 September, 2012.
72. Jones, C, Jancey, J, Howat, P, Dhaliwal, S, Burns, S, et al. Fruit and vegetable consumption among mothers with young children. Population Health Congress, Adelaide. 10-12 September, 2012.

73. Pasalich, M., Lee, A., Burke, L., Jancey, J., Kerr, D, Howat, P. The Sustainability of a Physical Activity and Nutrition Program for Seniors. Population Health Congress, Adelaide. 10-12 September, 2012.
74. Monteiro SJ, Dhaliwal SS, Jancey J, Howat P, Anderson A, Hills A. Impact of the REFRESH randomized controlled trial on the physical activity behaviours of mothers with young children. 4th International Congress on Physical Activity and Public Health Conference, Sydney. 31 October - 3 November, 2012.
75. Burke L, Jancey J, Howat P, Lee A, Kerr D, Shilton T, Hills A, Anderson A. Physical activity results of a Physical Activity and Nutrition Program for Seniors. 4th International Congress on Physical Activity and Public Health Conference, Sydney. 31 October - 3 November, 2012.
76. Blackford K, Howat P, Fielder L, Hug K, Davis B, Davis R. Raising Awareness of Drug and Alcohol Risk (RADAR). Local Drug Action Groups Annual Conference. Perth. 2-3 November, 2012 (Outstanding Project Award).
77. Blackford K, Jancey J, Ledger M, Howat P, Lee A. Obesity prevention in the workplace: investigating barriers, enablers, and preferred intervention strategies for workplace health promotion. Cancer Council WA Research Symposium, Perth. 29 November, 2012
78. Blackford K, Fielder, L., Howat, P., Hug, K., Davis, B., Davis, R. Raising Awareness of Drug and Alcohol Risk (RADAR) project: Promoting community level alcohol awareness via local community newspapers, Cancer Council WA Research Symposium, Perth. 29 November, 2012.
79. Jancey J, McCann S, Tye M, Tollis L, Blackford K, Howat P. Workplace design and physical activity behaviours in office based workers. Cancer Council WA Research Symposium, Perth. 29 November, 2012.
80. Jancey J, Howat P, Lee A, Burke L, Kerr D, Hills A, Anderson A, Shilton T, Pasalich M. Results of a home-based physical activity and nutrition RCT for seniors (PANS). International Society for Behavioural Nutrition and Physical Activity Conference, Belgium, May, 2013
81. Blackford K, Jancey J, Ledger M, Howat P, Lee A, Using results of the Office-based Physical Activity and Nutrition (OPAN) Project to inform workplace health promotion in Western Australia. International Society for Behavioural Nutrition and Physical Activity Conference, Belgium, May, 2013.
82. Jalleh, G., Donovan, R.J., Lin, C., Ledger, M., Slevin, L., Howat, P. Investigating attitudes towards training in handling and removal of asbestos. Behavioural Research in Cancer Control Conference, Adelaide, 8-10 May 2013.
83. Jancey J, Howat P, Monteiro SJ, Dhaliwal SS, Hills A, Anderson A, Jones C, Burns S. Results of a RCT to improve physical activity and nutrition behaviours of young women. 11TH Behavioural Research in Cancer Control Conference. Adelaide 8-10 May 2013.
84. Kerr K, Kerr D, Pollard K, Wright J, Boushey C, Delp E, Pickering M, Begley A , Hanbury A, McStay, Pratt IS, Howat P. Promoting the uptake of fruit and vegetables with smart phone friendly. 11TH Behavioural Research in Cancer Control Conference. Adelaide 8-10 May 2013.
85. Hanbury A, Pollard K, Boushey C, Delp E, Pickering M, Howat P, Pratt IS, Wright J, Kerr K, Kerr D. Using a mobile device to assess the intake of fruit and vegetables in young adults. Dietitians Association of Australia 30th National Conference, Canberra 23 – 25 May 2013.
86. Blackford K, Jancey J, Ledger M, Howat P, Lee A. The workplace as a setting for obesity prevention: Barriers, enablers, and employee preferences. Australian Health Promotion Association National Conference, Sydney 17-19 June 2013.
87. Blackford K, Jancey J, Ledger M, Howat P, Lee A. Recommendations for workplace health promotion programs to prevent obesity in office-based employees. International Union for Health Promotion & Education World Conference, Pattaya, Thailand, 25-29 August, 2013. (Accepted)

88. Blackford, K, Jancey, J, Howat, P, Ledger, M. Office-based Physical Activity and Nutrition (OPAN): Investigating barriers and facilitators to workplace health promotion. Population Health Congress, Adelaide. 10-12 September, 2012.
89. Jalleh, G. Issues in population data collection via online surveys. Cancer Council Western Australia seminar: Population Data Collection – current situation, challenges and the way forward, 12 September 2013. (Invited)
90. Jalleh, G, Shaw, T, Lin, C, Donovan, R.J, Strickland, M., O’Hare, K., Slevin, T. & Minto, C. Trends in Western Australian adolescents’ suntanning preferences and behaviours from 2001 to 2013. Cancer Council Western Australia, 8th State Cancer Conference, 24 October 2013. (Accepted)
91. Jalleh, G, Donovan, R.J, Lin, C, Ledger, M., Slevin, L., Howat, P. Investigating attitudes towards training in handling and removal of asbestos. Cancer Council Western Australia, 8th State Cancer Conference, 24 October 2013. (Accepted)
92. Minto, C. & Jalleh, G. Make the most of your day – using mass media and online strategies to increase understanding of the UV Index. Cancer Council Western Australia, 8th State Cancer Conference, 24 October 2013. (Accepted)
93. Phillips, F. & Jalleh, G. Smokers’ Attitudes Towards Australia’s Plain Cigarette Packaging Legislation. 2013 Oceania Tobacco Control Conference, Auckland, New Zealand, 23-25 October 2013. (Accepted)

Target: Present 10 papers at scientific meetings.

Outcome achieved: Presented 17 papers at scientific meetings (6 others papers accepted for presentation after 30 June 2013).

RESEARCH STUDENT SUPERVISION

PhD students:

Recently completed:

- L Burke (Curtin) – Physical activity and nutrition (Prof Howat)
- G Jalleh (UWA) – Testing a model of factors influencing athletes’ attitudes towards and use of performance enhancing drugs (Prof Donovan)

Current:

- J Hallett (Curtin) – Alcohol and tobacco RCT (Prof Howat)
- G Monteiro (Curtin) – Physical activity and nutrition RCT (Prof Howat)
- C Jones (Curtin) – Physical activity, diet and obesity control RCT (Prof Howat)
- R Doney (Curtin) – Alcohol and indigenous children (Prof Howat)
- C Strange (UWA) – Health, Social capital and connectedness (Prof Howat)
- A Holt (Curtin) – Physical activity and nutrition RCT (Prof Howat)
- K Blackford (Curtin) – Nutrition and physical activity RCT (Prof Howat)
- D Andresya (Curtin) – Tobacco: worksites (Prof Howat)
- R Desai (Murdoch University) – Asbestos (Prof Howat)
- G Wright (UWA) – Physical activity, diet and obesity (Dr Jalleh)
- L Portsmouth (Curtin) – Childhood obesity: An investigation of the role of junk food advertising (Prof Donovan)

Target: Supervise 3+ ongoing/new doctoral students.

Outcome achieved: Supervised 2 completed and 11 ongoing/new doctoral students.

AWARDS AND PRIZES

- Anwar McHenry, J. (Supervisors: Donovan, R.J., Thompson, S.). A scoping study for an Indigenous mental health promotion pilot. Building Mental Wealth Post-Doctoral Fellowship. 2013-2014 (\$100,000).
- Jancey, J. Curtin University Fellowship. Awarded for 2009 – 13 (PT in CBRCC).
- Jones, C. Sydney Myer Scholarship. Awarded for 2009 – 13 (\$127,000). (PT in CBRCC).
- Blackford, K. (Supervisors: Jancey, J., Howat, P., Ledger, M). Barriers and facilitators to workplace health promotion in office based workplaces in Western Australia. AHPA / Healthway Graduate Health Promotion Scholarship. \$30,000 (2012) (PT in CBRCC).
- Doney R. Postgraduate Student Scholarship (PhD). Alcohol and Aboriginal children. Curtin University. \$30,000 p.a. (2012-14) (Howat P, Sauer K, supervisors).
- Holt A. Postgraduate Student Scholarship (PhD). Physical activity and diet intervention. Curtin University. \$30,000 p.a. (2013-15) (Jancey J, Howat P, Lee A, Kerr D, supervisors).
- Blackford K. Postgraduate Student Scholarship (PhD). Physical Activity and Nutrition Intervention in rural WA. Curtin University. \$30,000 p.a. (2013-15) (Jancey J, Howat P, Lee A, Kerr D, supervisors).
- Donovan, R.J., Laws, A., Comtesse, S. Healthway AMA (WA) Healthier WA Award for Mentally Healthy WA's Act-Belong-Commit Campaign, 2013.

MEDIA APPEARANCES AND ADVOCACY

Numerous radio, TV interviews and newspaper and magazine articles / quotes, letters to the Editor by CBRCC staff on issues relevant to cancer. Some examples are listed below.

Letters to Local, State and Federal MPs

- Howat, P. 23.6.12. Letter to MPs J McGrath et al. 'Metropolitan Local Government Reform'.

Newspapers

- *Southern Gazette*, 4/8/12, p4. 'Concern over 500 more pokie machines'. Interview, P Howat.
- *Southern Gazette*, 28/8/12, p4. 'Walkway closure on cards'. Article and photo, P Howat et al.
- *West Australian*, 28/3/13, p22. 'Tough line on binge drinking'. Letter to Editor, P Howat.
- *West Australian*, 5/4/13, p24. 'Council amalgamations have failed'. Letter to Editor, P Howat.

Meetings

- Numerous meetings with local MPs, Mayors, City Councillors etc.

OTHER ACADEMIC ACTIVITIES OF CBRCC STAFF

PROF HOWAT

Current positions and Appointments

- Director, Centre for Behavioral Research in Cancer Control; WA Cancer Council Professor of Behavioural Research (2005-).
- Co-Director, Western Australian Centre for Health Promotion Research, School of Public Health, Curtin University (1986-)
- Professor, Curtin University Tier 1 Research Institute 'Preventing harmful drug use in Australia' (2006-)
- Board Member, Public Health Advocacy Institute of WA (2006 - 2013)

Committee memberships

- NHMRC Program Grants Review Panel (Invited) (2013-)
- NHMRC Research Translation Faculty (Invited)(2012-)
- South Perth Community Hospital Association Board (Invited)(2012-)
- International Union for Health Promotion and Education, SW Pacific Regional Board (2001-)
- Cardiovascular Health Committee, National Heart Foundation of Australia (WA)(1996-)
- Public Health Association of Australia (WA), President (1994-1996; 2007-09). WA Committee (1992 - 2011). Fellow (2008)
- Public Health Association of Australia, Public Health Education Research Trust (PHERT) (2000 -)
- Public Health Association of Australia, National Co-Convenor, Health Promotion Special Interest Group (HPSIG) (2005-13). PHAA HPSIG Research Committee (2013-)
- Willetton and Districts Local Drug Action Group Committee (1999-2013)(Life Member 2012)
- Western Australian Cancer and Palliative Care Network; Primary Care, Cancer Prevention and Screening Collaborative, Executive Committee (2007- 11).
- Health Research Council of New Zealand Program Assessing Committee (PAC) (2007-2011)
- School of Public Health, Curtin University, MPH Advisory Committee (2008-)
- Management Committee, CBRCC (2006-)
- Curtin Health Innovation Research Institute Leadership Team (2010-12)
- Councilor, City of South Perth (2010-)
- Food Law, Policy and Communications (FLPC) Research Team (2011-14)
- Panel member, Alcohol Advertising Review Board (2012-)

Other professional memberships

- American Public Health Association (2013-)
- Australian Health Promotion Association (WA), Strategic Advisory Group (2013-)
- American Academy of Health Behavior (Fellow 2008)(1999-)
- Public Health Association of Australia (Fellow 2008) (1990-)
- Australian Health Promotion Association (1990-)
- Injury Control Council of WA (1992-)
- Sustainable Population Australia (2004-)
- International Union Against Cancer (UICC), Member of Global Cancer Control Community (2008-).
- Australian Council on Health PE and Recreation (1980-)
- South Perth Historical Society (2011-)
- South Perth Hospital Association (2011-)

- International Advisory Group (IAG), Alberta Policy Coalition for Cancer Prevention, Canada (2011-)
- Australian Council on Smoking and Health (2006-)

Other Professional Activities

- Australian Editor *American Journal of Health Behavior* (1994-)
- Editorial Board *Global Health Promotion* (2007 -)
- Editorial Board *Health Promotion Journal of Australia* (2008-12)
- Assoc Editor *Health Promotion Journal of Australia* (2012-)
- Assoc Editor *Health Behavior and Policy Review* (2013-)
- Lectures – Curtin University. Health Promotion, Media & Advocacy 3rd year and postgraduate classes.
- Approved Higher Degree Supervisor at Curtin University.

Journal Reviewer

- The American Journal of Health Behavior (Australian Editor)
- Global Health Promotion (Editorial Board)
- Health Promotion Journal of Australia (Editorial Board) (Assoc Editor 2012-)
- American Journal of Public Health
- British Medical Journal
- American Journal of Health Promotion
- Preventing Chronic Diseases
- ACHPER Healthy Lifestyles Journal
- Journal of Science and Medicine in Sport
- Health Education Research: Theory and Practice
- Australian and New Zealand Journal of Public Health
- Asian-Pacific Journal of Public Health
- Journal of Public Health Nutrition
- New Zealand Medical Journal
- Quality and Safety in Health Care
- Open Sports Sciences Journal.
- Health Promotion International
- Australasian Journal on Ageing
- American Journal of Lifestyle Medicine

PROF DONOVAN

Journal Reviewer

- Tobacco Control.
- Health Education Research.
- Health Promotion International.
- Health Promotion Journal of Australia.
- Australian and New Zealand Journal Public Health.
- Social Marketing Quarterly.
- Journal of Applied Psychology.
- Sports Medicine.

Committee Memberships

- Men's Health Project Reference Group (WA).
- Education Committee, World Anti-Doping Agency, IOC (Foundation member).

Other Activities

- Professor, Curtin University Tier 1 Research Institute ‘Preventing harmful drug use in Australia’.
- Grant Reviewer: Australian Research Council.
- Grant Reviewer: NHMRC.

DR JALLEH

- Member of the National Drug Research Institute Tier 1 Research Centre
- Manager, Computer Assisted Telephone Interviewing (CATI) data collection team
- Evaluation advice to CCWA staff
- Curtin University research projects ethics reviewer and ethics coordinator

DR LIN

- Administrator, CATI system, 2011- present
- Approved Higher Degree Supervisor at Curtin University
- Curtin University Research Projects Form C Ethics Reviewer & Ethics Coordinator, 2009 - present)

MENTALLY HEALTHY WA CAMPAIGN STAFF

Amberlee Laws, campaign manager

Simone Comtesse, assistant campaign manager

Jennie Ambridge, support and liaison officer

Julia Anwar McHenry, research associate

Katy Robinson, health promotion officer

Sarah Graham, health promotion officer

Elanie Lloyd, research assistant

Rachel Murray, research assistant

Amy Edwards, project assistant

ADJUNCT STAFF

Adjunct Professors

Prof Colin Binns – nutrition, cancer epidemiology

Prof Mike Daube – tobacco, policy

Prof Lin Fritschi – epidemiology, occupational health

Prof Andy Lee – biostatistics

Prof Bruce Maycock – qualitative research, health promotion, alcohol, tobacco

Prof Satvinder Dhaliwal – biostatistics, cancer epidemiology

Prof Kyp Kypri – alcohol

Adjunct Associate Professors

A/Prof Deb Kerr – nutrition, obesity, physical activity

A/Prof Owen Carter – tobacco, advertising

Senior Research Fellows

Mr Terry Slevin – cancer risk factors

Ms Denise Sullivan – tobacco control

Mr Steve Pratt – nutrition, obesity, physical activity

Dr Jonine Jancey – physical activity, health promotion

Dr Christina Pollard – nutrition, obesity

Research Fellows

Ms Jude Comfort – cancer risk factors, health promotion

CBRCC MANAGEMENT COMMITTEE

Professor Garry Allison (chair), Professor Charles Watson, Mr Terry Slevin, Professor Bruce Maycock, Dr Geoffrey Jalleh, Professor Peter Howat.

APPENDIX 1: Summary of Mentally Healthy WA Campaign Grants and Publication Outputs

Research grants (in progress):

1. Donovan, R.J., Laws, A., C. Simone. Mentally Healthy WA Act-Belong-Commit Campaign Statewide expansion. Healthway, \$1,545,000; Mental Health Division \$1,190,944 (2011-13).
2. Donovan, R.J. Mentally Healthy WA Act-Belong-Commit Campaign Statewide expansion. Mental Health Commission, \$600,000 (2011-13).
3. Laws, A. Live Active, Live Stronger Poster Campaign, Department of Sport and Recreation \$16,000 (2012).
4. Donovan, R.J., Laws, A. Building the capacity for individuals to self help: a positive mental health resource for Western Australians, Lotterywest, \$135,000 (2012-13).
5. Donovan, R.J., Laws, A. Act-Belong-Commit in Recovery Intervention, Mental Health Commission, \$145,000 (2013-14).

New research grant application

6. Donovan RJ, Martin A, Pettigrew S, Jalleh G, Anwar McHenry, J. Enhancing mental health in the workplace via Mentally Healthy WA's Actively Involve-Build Skills-Celebrate. ARC, \$1,079,533 (2014-15). March 2013: DP140103144

Book chapter

7. Donovan, R.J., James, R., Jalleh, G. & Sidebottom, C. (2013) Implementing Mental Health Promotion: The Act – Belong –Commit Mentally Healthy WA Campaign in Western Australia. In Lefebvre, R.C. (Ed.), Social Marketing, SAGE Publications, pp. 33-42.

Papers in refereed journals

8. Anwar-McHenry, J., Donovan, R.J., Jalleh, G. & Laws, A. (2012) Impact evaluation of the Act-Belong-Commit Mental Health Promotion Campaign. *Journal of Public Mental Health*, 11(4), 186-194.
9. Faulkner, S, Wood, L, Ivery, P, Donovan, R.J. (2012) It Is Not Just Music and Rhythm . . . Evaluation of a Drumming-Based Intervention to Improve the Social Wellbeing of Alienated Youth. *Children Australia*, 37(1), 31-39.
10. Jalleh, G., Anwar-McHenry, J., Donovan, R.J., & Laws, A. (2013) Impact on community organisations that partnered with the act-belong-commit mental health promotion campaign. *Health Promotion Journal of Australia*, 24(1), 44-48.

Research report

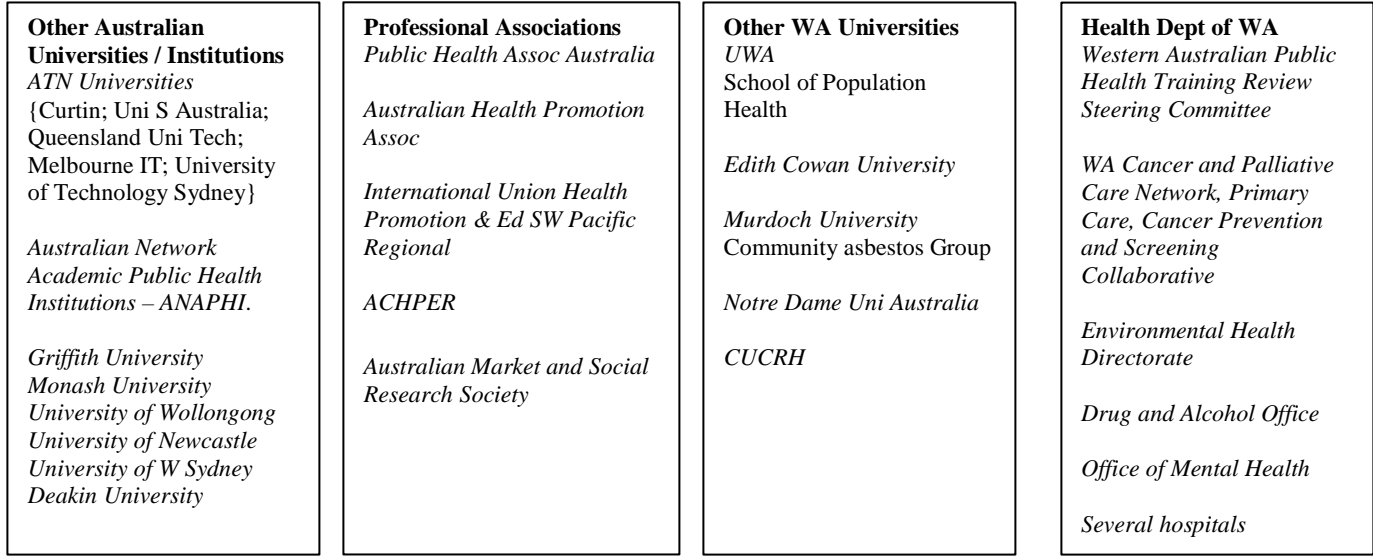
11. Jalleh, G., Donovan, R.J. & Lin, C. Evaluation of the Act-Belong-Commit Mentally Healthy WA Campaign: 2012 Survey Data. Centre for Behavioural Research in Cancer Control, Faculty of Health Sciences, Curtin University, Perth, 2013.

Conference presentations

12. Donovan, R.J. Mental Health Promotion & Illness Prevention: A Way Ahead. The Seventh World Conference on the Promotion of Mental Health and the Prevention of Mental and Behavioural Disorders. Perth, October 2012.
13. Graham, S. Creating Cohesive Communities: The Act-Belong-Commit Partnership Program. The Seventh World Conference on the Promotion of Mental Health and the Prevention of Mental and Behavioural Disorders. Perth, October 2012.
14. Graham, S. The art as a unique setting for health promotion. The Art of Good Health and Wellbeing. Fremantle, November 2012.
15. Donovan, R.J. Mental Health & Wellbeing Promotion: The Act-Belong-Commit program. 4th Annual Lifestyle Medicine Conference: ALMA, Sydney, November 2012.

APPENDIX 2: Summary of CBRCC collaborations, 2012 – 2013

**Centre for Behavioural Research in Cancer Control (CBRCC)
Collaborations, 2012 - 2013**



Centre for Behavioural Research in Cancer Control

