
UNSW research centre for primary health care and equity

2009 annual report



UNSW
THE UNIVERSITY OF NEW SOUTH WALES

Acknowledgments

The Centre is fortunate in the expert advice and support it receives from its Board and Advisory Committee. We thank the members of these two groups for their work during the year, and particularly their Chairs, Senior Associate Dean, Professor Terry Campbell, and Emeritus Professor Ian Webster.

We thank also the Head of the School of Public Health and Community Medicine, Professor Raina MacIntyre, for her support, and the staff of the school who have worked as collaborators and co-investigators in Centre research projects and as co-supervisors of research students.

We are grateful to colleagues from health and health related services and the community who have been partners, collaborators and participants in our projects in 2009. These include NSW Health and local health services (Area Health Services, Community Health and Divisions of General Practice), local government and non government organisations. There is a particularly strong association with the Sydney South West Area Health Service, who provide valued support to two of the units of the Centre, CHETRE and the General Practice Unit, Fairfield.

A Capacity Building Infrastructure Grant from NSW Health supports core management functions and the development of the Centre and its research, and strengthens our links with NSW Health services. The Department of Health and Ageing also funds our Research Capacity Building Program.

Finally, we acknowledge the staff of the Centre, whose hard work and commitment make working at the Centre such a pleasure.

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Background

The UNSW Research Centre for Primary Health Care and Equity (CPHCE) was recognised as a UNSW research centre in 2005. It includes the Centre for Health Equity Training, Research and Evaluation (CHETRE) and researchers in the General Practice Unit at Fairfield Hospital. The Centre was reviewed by the University in 2008 and accredited for a further three years.

The Centre undertakes research that strengthens primary health care and addresses health inequalities and the social determinants of health. This involves three broad streams of work:

- prevention and management of chronic diseases;
- primary health care system development;
- understanding and intervening to reduce health inequalities.

As well as conducting research, we build research capacity, within these streams of work and through the Research Capacity Building Program which is funded by the Department of Health and Ageing.

We work at national, state and local levels. This enables us to address large system issues while at the same time reviewing their impact at a community level. This range of activity has enabled us to contribute to the development of national health reforms at system, service and practitioner levels.

The Executive Director is Mark Harris, who leads the management team of Directors. In 2009 this comprised Gawaine Powell Davies (CEO), Elizabeth Harris, Lynn Kemp, Nicholas Zwar, and Teng Liaw. At December 2009 we had 51 staff (36.5 full time equivalents).

The Management Board (chaired by Professor Terry Campbell) oversees the work of the Centre on behalf of the University. The Advisory Committee (chaired by Emeritus Professor Ian Webster) provides advice on strategic directions and opportunities for strengthening the research program. Within the Faculty of Medicine the Centre is closely affiliated with the School of Public Health and Community Medicine, with the Head of School sitting on both the Management board and the Advisory Committee.

Management Board and Advisory Committee

2009 Management Board

VOTING MEMBERS	
Professor Terry Campbell (Chair)	Senior Associate Dean, Faculty of Medicine, UNSW
Professor Mark Harris	Executive Director, Centre for Primary Health Care and Equity
A/Professor Gawaine Powell Davies	CEO and Director, Centre for Primary Health Care and Equity
Dr Teresa Anderson	Director, Clinical Operations SSWAHS
Professor Ilan Katz	Director, Social Policy Research Centre
Professor Raina MacIntyre	Head, School of Public Health and Community Medicine
Professor Bill Randolph	Director, City Futures Research Centre, Faculty of the Built Environment
NON-VOTING MEMBER	
Ms Sarah Ford (Secretariat)	Finance Manager, Centre for Primary Health Care and Equity

The management board met on 25th March and 10th November 2009.

2009 Advisory Committee

Emeritus Professor Ian Webster AO (Chair)	School of Public Health and Community Medicine, UNSW
Ms Tish Bruce	Director of Community Health, SE Sydney and Illawarra Area Health Service
Professor Mark Harris	Executive Director, Centre for Primary Health Care and Equity
Mrs Elizabeth Harris	Director, Centre for Health Equity Training Research and Evaluation
Ms Leslie King	Executive Director, Centre for Overweight and Obesity, Sydney University
Mr Scott McLachlan	Director of Operations, Primary and Community Networks
Professor Teng Liaw	Director, Fairfield General Practice Unit
Mr Andrew Milat	Manager, Strategic Research and Development Branch, Centre for Health Advancement, NSW Health
Professor Raina MacIntyre	Head, School of Public Health and Community Medicine UNSW
Assoc. Professor Gawaine Powell Davies	Chief Executive Officer and Director, Centre for Primary Health Care and Equity.
Assoc. Prof Virginia Schmied	School of Nursing and Midwifery, University of Western Sydney
Dr Christine Walker	Chronic Illness Alliance, Victoria
Professor Nicholas Zwar	Professor of General Practice, School of Public Health and Community Medicine

The Advisory board met on 24th March and 8th December 2009.

Message from the Chair of the Management Board



Terry Campbell

2009 was a very successful year for the Centre. The streams of primary health care system development, health equity and prevention and management of chronic disease as well as the research capacity building have continued to develop. The Centre has continued to have consistent success in attracting grants and in publishing the results of their research. Perhaps most importantly the Centre has made significant contributions to informing health reform, especially the Primary Health Care Strategy and the Health and Hospitals Reform Commission Report. As we move into the critical implementation phases of the "Rudd reforms", I have no doubt CPHCE will play significant roles in several areas of the roll-out of what will be the biggest changes to our healthcare system in a generation.

The Centre's important work in Aboriginal health continues. Following on from the Gudaga cohort study of babies born at Campbelltown hospital, a \$2.4m grant was received from the NHMRC to conduct the "Bullindidi Gudaga" project which is a trial of early childhood home visiting for indigenous mothers. The centre began a number of intervention trials in the prevention and management of chronic disease in primary health care which are unique in Australia. When they are completed in 2010-11 they will inform key aspects of policy and practice. The Centre has established a number of key national and international collaborations to support its research.

The Centre has had some continuity of funding through infrastructure support from New South Wales Health, the Fellowships held by Mark Harris and Lynn Kemp and three new PhD scholarships. Congratulations to Mark Harris who was awarded a life fellowship of the RACGP for his work on the prevention and management of chronic disease. This is a rare and very prestigious honour and recognises his enormous contributions to primary health care over several decades. The Centre's work on Health Impact Assessment has been recognised by an award from the International Association for Impact Assessment.

It is my pleasure to congratulate Mark Harris, Gawaine Powell Davies and the staff and directors of the Centre on the success of the centre, the quality of their research and its influence on current policy and practice.

A handwritten signature in dark ink, reading "T. Campbell", with a stylized flourish at the end.

PROFESSOR TERRY CAMPBELL
Chair, Management board

Message from the Chair of the Advisory Committee



Ian Webster

The centre's research is highly relevant to the emerging health issues in contemporary Australia.

With the exception of Western Australia, there is agreement to proceed with a National Hospitals and Health Services Network in which local primary health care networks are to be a key element.

One aim of this reform is to “tackle major access and equity issues that affect health outcomes for people” and another is to “redesign our health system so that it is better positioned to respond to emerging challenges”. There is a strong emphasis on the management of chronic illness and disabling conditions. And in the new arrangements local primary health care – agencies and services – will be expected to uncover the unmet health needs in the communities they serve.

Dr. Julian Hart, A GP practising in the mining village of Glyncoirg in South Wales, wrote persuasively in the Lancet of 1971 of the “inverse care law”. He said, “In a fair society ...services should be distributed so that they provide the greatest benefit to the most disadvantaged”. This described a well known fact but one neglected in public policy. The UK Government responded by establishing the Resource Allocation Working Party and there were similar initiatives in Australia, e.g. the Resource Distribution Formula in New South Wales. Dr. Hart also demonstrated that even in a busy practice in the midst of the coal mining industry the GP could practise “anticipatory care” and effective preventive medicine.

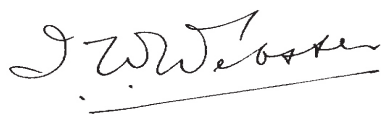
In this can be seen the relevance of the Centre's research and development activities: identifying unmet needs, chronic disease management, focus on disadvantage, practical prevention, primary health care team-work and above all the principle of equity.

The advisory committee is proud of the calibre of the Centre's senior staff and their achievements and the recognition that they have achieved from major funding bodies.

The Centre has attracted a bevy of energetic and aspiring researchers; it has drawn together front-line service providers to involve them in research and innovation in health care. They are a treasure to be valued.

The Advisory Committee appreciates the leadership of Professors Terry Campbell and Mark Harris, Ms Elizabeth Harris and Associate Professor Gawaine Powell Davies.

We thank the funding bodies for the support they provide to this seminal work in primary health care and social justice so important to the future health of Australia.

A handwritten signature in black ink, appearing to read 'I. W. Webster'.

EMERITUS PROFESSOR IAN W WEBSTER AO
Chair, Advisory Committee

Message from the Executive Director



Mark Harris

2009 was a year of achievement and consolidation for the Centre. We completed several major research studies. These included completing the Teamwork study, a randomised controlled trial evaluating an enhanced role for non-GP practice staff in chronic disease management, and the Team-Link Study, a quasi experimental study evaluating an intervention to enhance multi-disciplinary team working between general practice allied health providers. Since completing the data collection we have been busy analysing and publishing from these major studies. We also commenced and completed several other studies including two systematic reviews of the literature for the Australian Primary Health Care Research Institute – on health literacy for behavioural risk factor change and access to primary health care.

Gudaga entered its second phase following up the Aboriginal infant cohort to school entry while continuing to report on findings up until the first 12 months of life. The Miller Early Childhood Home Visiting Trial (MECSH) reported its findings at 2 years and these have been actively taken up by NSW Health in establishing four more pilot sites funded through the “Keeping them Safe” program. The groundwork for the successful NHMRC grant “Bulundidi Gudaga” was undertaken, with Sydney South West Area Health Service appointing a manager to oversee the smooth implementation of the project within the Health Service.

We continued to receive competitive research funding, including \$1.59 million in National Health and Medical Research Council (NHMRC), Australian Research Council (ARC) and other Category 1 funding sources for new projects and extensions to existing projects. We also received funding from NSW Health of \$489,838 under its Capacity Building Infrastructure Grant program and Research Capacity Building funding of \$260,000 from the Australian Government Department of Health and Ageing through the Primary Health Care Research Evaluation Development Strategy. We published 44 papers in peer reviewed journals, 5 chapters and a book, and our large group of research students is progressing well, with three submitting their PhD theses and several others close to submission. We have also continued to supervise medical students undertaking Honours or Independent Learning Projects (ILP) with the Centre.

Our research has had a significant impact on government policy at state and national levels. In addition to discussion papers commissioned by the Health and Hospitals Reform Commission and Preventative Task Force, our work was cited in the draft Primary Health Care Strategy released by the Commonwealth in July 2009 and in initiatives announced as part of the government's reform package at the end of the year. We have contributed to this debate through academic publications and presentations, as well as a strategy to engage the media in our research findings.

Our research is highly relevant to primary health care practice, including providing evidence and tools for best practice (cardiovascular risk, preventive care, behavioural risk factor management, diabetes prevention, child and family health nurse home visiting). We have also developed and used a number of innovative research methodologies and instruments for assessing quality of care for chronic illness, shared decision making and prevention in primary health care services. The findings from our intervention research continue to be disseminated to and adopted by Divisions of General Practice and Community Health Services.

We have continued to build the capacity of Area Health Services, local government, NGOs and other local organisations to undertake Health Impact Assessments (HIAs). These have included a Health Impact Assessment on the Northern Territory Emergency Response in partnership with the Australian Indigenous Doctors Association. We have continued to provide training and support for HIA for staff in far North Queensland and in Sydney South West, Greater Southern and Hunter New England Area Health Services. We were also successful in attracting ARC funding to evaluate the effectiveness of HIAs in Australia and New Zealand. Our work was recognised by an International Association of Impact Assessment (IAIA) award early in 2010. The Healthy Public Policy Program has also continued to develop its international profile, including hosting the Asia Pacific HIA listserv.

We have continued to develop our own research capacity and expertise especially in data linkage with two studies involving linked hospital and Medicare data linked through the 45 up study (on cancer pathways and access to care for patients with diabetes).

We have a broad range of partnerships with other researchers, policymakers, practitioners, local communities and consumers. During 2009, staff visited a number of international research groups. Sarah Dennis attended the International Self Management Round Table in Canada, making links with a number of potential international

collaborators including Anne Rogers from Manchester and Sally Wyke from Stirling. Nicholas Zwar had study leave at the University of California San Francisco. We have developed our collaborations with CDC in the US in relation to both Health Impact Assessment and chronic disease prevention.

We conducted successful workshops with visiting fellows, including Professors Jacques Lemelin and Richard Hobbs, and with Julie Will from CDC who discussed her work on chronic disease prevention in disadvantaged communities in Sydney, Melbourne and Canberra. We were also visited by delegations from the Chinese China Center for Disease Control and Prevention, Beijing, and the Ministry of Health Division of Rural Health Management and the Seoul National University Hospital and Korean National Insurance Corporation, and Professor Sarah Cowley from Kings College London and her colleague Liz Plastow (SW Essex Primary Care Trust).

Looking Forward

In 2010 and beyond we will build upon our achievements by:

- developing our health services research and helping to translate this where appropriate into policy, especially the primary health care reform agenda which is to be rolled out over 2011 and 2012;
- further developing our partnerships with general practice and community health services in NSW to conduct research and evaluation which is relevant to their needs and priorities;
- strengthening international collaborations and the Centre's international profile;
- supporting and encouraging staff to apply for research fellowships and attracting research students to the centre;
- improving further our dissemination of research findings through peer reviewed publications and presentations at conferences, workshops, symposia, and too policy makers and practitioner groups in NSW and interstate.



PROFESSOR MARK HARRIS
Professor of General Practice and Executive Director,
UNSW Research Centre for Primary Health Care & Equity, UNSW

Research

2009 Fellowships and Scholarships

FELLOWSHIP	RECIPIENT
Australian Department of Health and Ageing PHCRED Research Fellowship – Prevention and management of chronic disease in primary health care	Mark Harris
Australian Department of Health and Ageing PHCRED Mid Career Research Fellowship – Development of a comprehensive and integrated early childhood system	Lynn Kemp

SCHOLARSHIP	RECIPIENT
National Health and Medical Research Council PhD Scholarship	Ben Harris-Roxas
National Health and Medical Research Council PhD Scholarship	Rachel Laws
National Health and Medical Research Council PhD Scholarship	Julie McDonald

2009 Research projects and programs

The Centre's research is organised into three streams: prevention and management of chronic disease, primary health care system development' and understanding and intervening to reduce health inequalities, each with a number of sub-programs. We also have a research capacity building program, the UNSW Primary Health Care Research Capacity Building Initiative, which is funded by the Australian Government as a part of the National Primary Health Care Research, Evaluation and Development Strategy.

This section gives brief descriptions of research projects current during 2009. Projects completed during the year are marked with an asterisk (*). For each project, details are given of the full research team, including both investigators and research staff, and affiliations are given for those who are not part of CPHCE. The chief investigator named first (in bold) followed by the project coordinator (underlined). Other members of the research team are listed in alphabetical order. Sources of external funding are given in brackets after the project name.

Prevention and Management of Chronic Disease

The prevention and management of chronic disease in primary health care has taken centre stage in the current health reforms, underlying the importance and relevance of this stream of work within the Centre. Our work has included knowledge synthesis, descriptive studies and intervention studies evaluating elements of the Chronic Care Model, especially self management, teamwork, decision support and shared decision making between patients and providers.

Within this stream, there are three main programs of work:

- improving quality of care for chronic disease;
- teamwork in chronic disease management;
- prevention of chronic disease.

Improving quality of care for chronic disease

This program arose from a large number of projects conducted since 1999, including the Divisions Diabetes and Cardio-vascular Disease Quality Improvement Project (DDCQIP) and studies of care planning, asthma, Chronic Obstructive Pulmonary Disease (COPD) and cardiovascular disease.

A cluster randomised control trial of nurse and general practitioner partnership for care of Chronic Obstructive Pulmonary Disease (NHMRC)

Research Team: Nicholas Zwar, Oshana Hermiz, Elizabeth Comino, Iqbal Hasan, Guy Marks (Liverpool Hospital), Sandy Middleton (Australian Catholic University), Sanjyot Vagholkar, Stephen Wilson (St Vincent's Hospital).

This randomised control trial is evaluating the impact of a partnership between practice nurses and GPs on the quality of care and health outcomes for patients with COPD. 55 GPs from 44 practices within four Divisions of General Practice in South West Sydney are participating in the study, which involves following up the care and outcomes for their patients with COPD over a 12 month period. Final data collection at 12 months has been completed and data analysis has commenced. The protocol has been published a number of presentations made a key conferences.

DESPATCH: Delivering stroke prevention for atrial fibrillation: assisting evidence-based choice in primary care (NHMRC)

Research Team: Melina Gattellari (School of Public Health and Community Medicine, UNSW), Jeremy Grimshaw (University of Ottawa), Dominic Leung (Liverpool Hospital), Obi Ukoumunne (Royal Children's Hospital, Melbourne), John Worthington (Liverpool Hospital), Nicholas Zwar.

Non Valvular Atrial Fibrillation is a common heart condition associated with a major risk of stroke. This study seeks to optimize the management of NVAf in general practice. Using a cluster randomized design, DESPATCH tests an intervention involving decisions support tools, peer educators and specialist telephone support. General Practitioners and their patients in South West Sydney are participating in this project.

Randomized controlled trial of Moving On: a self management program for persons with a chronic illness (Arthritis NSW and the National Prescribing Service)

Research Team: Anna Williams, Diana Aspinall (Arthritis NSW), Leah Bloomfield (School of Public Health and Community Medicine), Darren Carr (Hawkesbury Hills Division of General Practice), Karen Filocamo (Arthritis NSW), Mark Harris, Nicholas Manolios (Sydney West Area Health Service).

Moving On is a self management program developed by Arthritis NSW. The aim of the research is to evaluate its impact on participants' knowledge and skills for self management, attainment of selected goals, behaviour change and perceived improvements in health status. After a pilot study, the trial has commenced and is being conducted in Western and Northern Sydney. It aims to recruit 300 participants who are randomised to attend the Moving On program or a control physical activity program. The trial recruitment will continue to mid 2010.

Supporting treatment decisions to optimize the prevention of stroke in atrial fibrillation: the Stop-Stroke in AF trial. (MBF Foundation Limited, Heart Foundation of Australia)

Research Team: Melina Gattellari (School of Public Health and Community Medicine, UNSW), James Van Gelder (Liverpool Hospital), Dominic Leung (Liverpool Hospital), Glen Salkeld (University of Sydney), John Worthington (Liverpool Hospital), Nicholas Zwar.

Stop-Stroke is a randomised evaluation of novel education and support strategies to improve the management of Non Valvular Atrial Fibrillation in general practice. GPs will be randomly assigned to receive either the Stop-Stroke intervention or clinical practice guidelines. The outcome measure is appropriate use of antithrombotic and anticoagulant medications.

****Systematic Review of Effective Determinants for Supporting Lifestyle Health Literacy in Primary Health Care (APHCRI)***

Research Team: Mark Harris, Anna Williams, Elizabeth Denney-Wilson, Sarah Dennis, Anthony Newall (School of Public Health and Community Medicine, UNSW), Tim Shortus, Jane Taggart, Nicholas Zwar.

This was a systematic review of the literature on effective interventions and drivers for health literacy in relation to the SNAP risk factors in primary health care, and the implications for practice and policy. It reported on the efficacy of specific interventions designed to improve health literacy in this area along with their impact in disadvantaged groups and facilitators barriers to their uptake. The report was been completed and publications are currently being prepared.

****Systematic Review of Linkages between Chronic Disease Self Management Programs and Primary Health Care***

Research Team: Mark Harris, Anna Williams, Sarah Dennis.

This systematic review identified the type of strategies reported in published studies to link chronic disease self management programs with primary health care. It reported on the extent of their use and what is known about their effectiveness, and implications for policy and practice. The report was been completed and publications are currently being prepared.

A pilot study in Managing Anxiety and Stress in Cross-Cultural Encounters among Chinese-Australians (beyondblue community grant in collaboration with Chinese Australian Services Society)

Researcher: **Bibiana Chan.**

This project involved the delivery of 'Assertive Communication Skills', involving six 90 minutes weekly sessions, to help Chinese-Australians manage their stress and anxiety in cross-cultural encounters in everyday settings. This project also sought to bridge the cultural gap by equipping participants with culturally appropriate skills. In 2009, around 30 Chinese migrants were recruited for two workshops, one in Mandarin and one in Cantonese. The Depression Anxiety Stress Scale (DASS-21) and Suinn-Lew Self-identification Acculturation Scale (SL-ASIA) were administered at baseline. Post-workshop measure will be collected in early 2010.

Organising chronic disease management

Between 2003 and 2004 we conducted the Practice Capacity Study, a cross sectional study of the capacity of general practices to provide quality care for patients with chronic disease. The study has continued to result in publications in 2009 and has influenced government and RACGP in relation to teamwork in general practice and the role of practice nurses in chronic disease management.

****Team-link study: Outcomes of multidisciplinary care in general practice (AHMAC)***

Research Team: **Mark Harris**, **Bibiana Chan**, Sunshine Bustamante, Bettina Christl, Patrick Crookes (University of Wollongong), Mahnaz Fanaian, Maureen Frances, Upali Jayasinghe, Sue Kirby, Michael Moore (Central Sydney Division), Danielle Noorbergen, Rene Pennock (Macarthur Division), David Perkins, Gawaine Powell Davies, Judy Proudfoot (School of Psychiatry), Warwick Ruscoe (Southern Highlands Division), Darryl Williams (South East Sydney Division), Nicholas Zwar.

This quasi experimental study evaluated a Division and practice based intervention to improve teamwork between general practice and other services in the care of patients with diabetes and cardiovascular disease. It was conducted with 26 practices in four Divisions in Sydney. The study was completed in March 2009 and analyses are currently conducted to prepare for publications.

****Teamwork study: Enhancing the role of non-GP staff in chronic disease management in general practice (NHMRC)***

Research Team: **Mark Harris**, David Perkins, Jane Taggart, Cheryl Amoroso, Justin Beilby (Adelaide University), Deborah Black (School of Public Health and Community Medicine, UNSW), Barbara Booth, Sunshine Bustamante, Leigh Cantero, Bettina Christl, Patrick Crookes (University of Wollongong), Mahnaz Fanaian, Maureen Frances, Linda Greer (Hunter New England Health), Matt Hanrahan (Alliance of NSW Divisions), Oshana Hermiz, Sue Kirby, Geoffrey Meredith (University of New England), Corinne Opt' Hoog, Shane Pascoe, Elizabeth Patterson (Griffith University), Gawaine Powell Davies, Judy Proudfoot (School of Psychiatry), Anita Schwartz, Peta Sharrock, Jocelyn Tan, Pauline Van Dort.

This project began with extensive qualitative studies in general practice including focus groups, stakeholder interviews and practice case studies. These were followed by a randomized controlled trial of an intervention to support practices to develop teamwork, especially the role of practice managers and nurses for better management of diabetes and cardiovascular disease. 60 practices in NSW and Victoria were randomised to the intervention or control groups. The study was completed in 2008. A major workshop was held in July 2009, together with a forum at the GPPHCE Conference, and other presentations. Publications were prepared during 2009.

Cancer Australia Referral pathways in colorectal cancer: General practitioners patterns of referral and factors that influence referral (Cancer Australia)

Research Team: **Mark Harris**, **Shane Pascoe**, Michael Barton (SSWAHS), Justin Beilby (University of Adelaide), Lisa Crossland (University of Adelaide), David Goldsbury (St Vincent's Hospital), Dianne O'Connell (NSW Cancer Council), Allan Spigelman (St Vincent's Hospital), John Stubbs (Cancer Voices), Craig Veitch (Sydney University).

This research involves four studies: (1) a record linkage study using cancer registry and Medicare data, (2) an audit of referral letters from GPs to colorectal cancer specialist surgeons, (3) a focus group study of GPs, and (4) a focus group study of patients. Approvals were sought for access to linked data through the 45 up study to allow analysis for study 1 in 2010. Data collection for studies 2 and 3 has been completed and are currently being written up. Study 4 is still in data collection mode however will be completed by the end of the year. Publications and conference presentations are now being developed.

Quality Improvement in general practice

PhD Student: **Barbara Booth**, *Supervisors:* Mark Harris and Nicholas Zwar.

The study aims to explore how the new complexity sciences may help understand processes of organizational change in general practice that can improve care for patients with chronic illness. It involves describing key elements of complexity science that resonate with understandings of organizational behaviour and particularly with the organization of general practice/primary care; analysing the process of organizational change in practices to discover parallels with complexity theory; and drawing insights and implications from these parallels to inform healthcare improvement initiatives in general practice.

Culturally appropriate diabetes care in mainstream general practice for urban Aboriginal & Torres Strait Islander people (NHMRC)

Research Team: **Siaw-teng Liaw**, **Phyllis Lau** (Department of GP, University of Melbourne), John Furler (Department of GP, University of Melbourne), Kevin Rowley (Onemda VicHealth Koori Health Unit, Centre for Health & Society Melbourne School of Population Health, University of Melbourne), Priscilla Margaret Pyett (Monash University), Margaret Kelaher (Onemda VicHealth Koori Health Unit, Centre for Health & Society Melbourne School of Population Health, University of Melbourne).

This is a literature review and qualitative study of the enablers and barriers for Aboriginal and Torres Strait Islander (ATSI) people to access mainstream medical services in urban areas, from the perspectives of ATSI people, health workers, project managers and policy makers. The findings have guided the development of a care partnership model for culturally appropriate care for ATSI people who attend general practice, and a toolkit to facilitate the "ways of thinking and ways of doing cultural respect in general practice". This partnership model and toolkit will be tested in a number of general practices and community health centres in Melbourne from July-December 2010. A UNSW-University of Melbourne proposal is being developed to evaluate a cultural respect program with a cluster controlled clinical trial in Sydney and Melbourne in 2011-2.

Preventing chronic disease

Following the development of the SNAP (smoking, nutrition, alcohol, physical activity) framework for the Australian Department of Health and Ageing, we trialled it in two Divisions of General Practice. This contributed to the development of the RACGP SNAP guide and the 45-49 year Health Check as well as the NSW Health Chronic Disease Prevention Strategy.

We also completed a feasibility study of SNAP interventions by community health staff in two areas which has since informed NSW Health policy. Current directions for our work involve further development and evaluation of risk assessment and management of behavioural risk factors both within primary health care and in referral services.

****Community Health Behavioural Risk Factor Trial (NSW Health)***

Research Team: **Mark Harris**, **Rachel Laws**, **Bibiana Chan**, Bettina Christl, Mahnaz Fanaian, Upali Jayasinghe, Gawaine Powell Davies, Anna Williams.

This is a quasi experimental study with four community nursing teams to examine the effectiveness of brief interventions in promoting changes in SNAP risk factors, running from 2009-2011. Community health nurses have been trained and patient recruitment has commenced, with a target of 300 in early intervention and 300 in late intervention sites, and will continue until September 2010.

Putting Prevention into Practice – Developing a theoretical model to help understand the lifestyle risk factor management practices of primary health care clinicians (NHMRC PhD scholarship)

PhD Student: **Rachel Laws** *Supervisors:* Mark Harris and Lynn Kemp.

This PhD study used a mixed methods design to develop a theoretical model of the factors influencing the risk factor management practices of PHC clinicians, using data collected as part of the feasibility study of Community Health Risk Factor Management. This provides important insights into strategies to improve such practices both at the service and policy level. The PhD was submitted in January 2010.

****Evaluation of the Implementation of Lifescripts in Demonstration Divisions (Dept. of Health and Ageing via Australian General Practice Network)***

Research Team: **Gawaine Powell Davies**, **Anna Williams**, Mark Harris.

In 2004 the Australian Government produced a range of Lifestyle Prescription (Lifescripts) resources to support risk factor management in general practice. During 2007-2008, fifteen Divisions of General Practice were funded trial differing approaches to implementing Lifescripts. The evaluation documented the different approaches and assessed how transferable and sustainable they were. This project has been followed by further work reviewing and updating the Lifescripts Resources in collaboration with AGPN and the RACGP (2009).

Health Improvement and Prevention Study (HIPS) - Vascular Prevention in General Practice (NHMRC)

Research Team: Mark Harris, Mahnaz Fanaian, Cheryl Amoroso, Gaynor Heading (NSW Cancer Institute), Upali Jayasinghe, Rachel Laws, David Lyle (Broken Hill UDRH, Sydney University), Suzanne McKenzie, Megan Passey (Northern Rivers UDRH, Sydney University), Gawaine Powell Davies, Heike Schütze, Chris Tzarimas (Lifestyle Clinic, Faculty of Medicine, UNSW), Qing Wan, Nicholas Zwar.

This randomised control trial in 30 urban and rural practices in 5 Divisions of General Practice aims to evaluate the impact on change in behavioural and physiological risk factors of a general practice based intervention for patients at a high risk for vascular disease. The intervention was conducted as part of a recall for a health check in general practice, with high risk patients being referred to a intensive physical activity and nutrition program. 784 patients were recruited to the study. 12 month follow up of patients is due to be completed in early 2010.

The feasibility and impact of cardiovascular absolute risk assessment in general practice (NHMRC GP Clinical Project Grant)

Research Team: Mark Harris, Elizabeth Denney-Wilson, Terry Campbell (Faculty of Medicine, UNSW), Iqbal Hassan, Suzanne McKenzie, Anushka Patel (George Institute), Heike Schütze, Sanjyot Vagholkar, Christine Walker (Chronic Illness Alliance), Qing Wan, Nicholas Zwar.

This is a cluster randomised controlled trial in 34 practices in four Divisions of General Practice. Intervention practices receive training and support to implement absolute cardiovascular risk assessment as part of a health check in general practice. The impact on clinical practice and behavioural and physiological risk factors over 12 months is being evaluated. Training of GPs was completed and 890 patients completed baseline assessment. Follow up of patients will continue to mid 2010.

A mixed method study to inform the development of a child obesity prevention intervention: the Healthy 4 Life Study

Research team: Elizabeth Denney-Wilson, Alison Robinson, Mark Harris, Rachel Laws

This pilot project aims to increase the capacity of practice nurses to deliver a brief intervention encouraging healthy eating and activity to parents of children attending the 4 year old health check. The project is being conducted in three phases: a questionnaire examining the knowledge, attitudes and behaviours of practice nurses around child obesity prevention, interviews with practice nurses to further explore their capacity for child obesity prevention and their interest in further training, and finally workshops to provide training in motivational

interviewing and intervening with parents to support healthy eating and activity. The feasibility of the intervention will be evaluated using questionnaires and interviews. Results will be available in late 2010.

The development of an implementation model for cardiovascular absolute risk assessment in general practice

***PhD Student:** Qing Wan **Supervisors:** Mark Harris and Nicholas Zwar.

This involved mixed methods research including qualitative focus group studies with GPs and patients, a pilot study in five general practices and an observational study involving audio-recording of consultations. The PhD was submitted in June 2009.

***Absolute risk assessment in general practice – a pilot study to measure impact on prescribing and adherence to guidelines (RACGP Cardiovascular Research Grant 2007)**

Research team: Sanjyot Vagholkar, Mark Harris, Nicholas Zwar.

This before and after intervention study investigated the impact of absolute risk assessment in general practice on the prescribing of medications for hypertension and lipids, involving six GPs and 53 patients. Patients received a consultation with their GP to assess their cardiovascular absolute risk and discuss management. Pre and post intervention data was collected via patient questionnaire and medical audit. A final report of the study was submitted to the RACGP in June 2009.

Cardiovascular absolute risk assessment in general practice and impact on prescribing

PhD Student: Sanjyot Vagholkar, **Supervisors:** Nicholas Zwar and Mark Harris.

This study is investigating the impact of absolute CV risk assessment on pharmacotherapy in general practice. It includes the pilot study described above, analysis of pharmacotherapy data and qualitative interviews with GPs and patients involved in the ART Study.

***Evaluation of a GP exercise referral scheme in Sutherland Division of General Practice.**

Masters by Research Student: Shona Dutton. **Supervisors:** Nicholas Zwar and Sarah Dennis.

This study evaluated an exercise referral scheme for GPs in Sutherland Division of general practice. GPs were able to refer people with or at risk of chronic disease to an exercise program run by exercise physiologists at local leisure centres. The Masters by Research was submitted late 2009.

Mental health and prevention of cardiovascular disease in general practice- impacts and interactions.

PhD Student: **Suzanne McKenzie**. Supervisors: Mark Harris and Gavin Andrews (St Vincent's Hospital).

This study is being undertaken in association with the HIPS study. It aims to explore the relationship between psychological distress and other risk factors for cardiovascular disease in general practice in both rural and urban settings in NSW, to determine whether patients' level of psychological distress modifies the impact of an intervention in general practice to assist patients to modify their risk factors for cardiovascular disease, and to determine whether an intervention aiming to reduce cardiovascular risk in a general practice patient population also has an impact on the patients' mental health.

The efficacy of lifestyle intervention within rural general practice on patient behavioural risk factors (understanding the factors that influence lifestyle behaviour change in rural remote general practice). Masters by Research (PT) 2007-2010

Masters by Research Student: **John Kurko**. Supervisors: Mark Harris and Gawaine Powell Davies.

This study aims to determine the impact of the 45 plus health check on lifestyle risk factors, and describe the socio-cultural factors that inhibit or enable patient behaviour change in rural remote general practice.

Primary Health Care System Development

The Centre has been researching primary health care and how it can be strengthened for many years. The current national health reform initiatives may provide opportunities to put some of the lessons from previous research into practice, and to tackle issues that have previously been seen as too difficult to address in the Australian health care system.

There are two programs within this stream:

- improving integration of services and coordination of care;
- access to primary health care.

Improving Integration of Services and Coordination of Care

Integration of health services and coordination of care are a major challenge, especially for those with complex care needs. Our previous research has focused on sharing care between generalist and specialist services, and on improving links between primary and secondary care.

Future research is likely to focus on strategies for coordination at the micro (patient and provider) level, on service planning and coordination at district/regional level and on models of care for groups who need ongoing care that extends across primary/secondary and specialist/generalist boundaries.

Relationships between organisations and their contribution to the development and delivery of coordinated and accessible PHC services for the prevention and management of type 2 diabetes mellitus

PhD Student: **Julie McDonald**. Supervisors: Mark Harris and Rohan Jayasuriya.

This qualitative case study aims to explore relationships between public and private sector organisations and provider groups involved in diabetes care. The main focus is on the breadth and depth of collaborative activities, including service delivery, the support and education of providers and on the planning and development of primary health care services.

Primary Health Care Leadership Development Program

Research team: **Gawaine Powell Davies**, Sue Kirby, Julie McDonald. (SSWAHS, HNEAHS, SESIAHS, GSAHS)

This program has been designed to assist community health managers to bring a strong primary health care perspective to their work and to respond effectively to opportunities arising from primary health care system reforms. The program involves staff from five Area Health Services, and includes a course, learning sets, workshops on evidence based approaches to primary health care and a Primary Health Care Connect web site.

Primary and Community Health Evaluation Framework

Research team: **Julie McDonald**, Gawaine Powell Davies (Hunter New England Health).

The aim of this project is to find ways in which community health services across a rural region can make better use of evaluation in managing its services. Interviews with Area Health Staff are

being used to develop an evaluation framework and practical approaches to making evaluation and reflective practice a more integral part of their work.

Evaluation of the Australian Better Health Initiative Primary Care Integration Program

Research team: **Gawaine Powell Davies**, Bettina Christl, Julie McDonald (GPNSW).

This program is a three year Commonwealth Government funded program to improve integration between Divisions of General Practice and other health services, particularly for chronic disease care. The evaluation is exploring what the experience of the program shows about the current state of integration and options for integration in the future.

Integrated Primary Health Care Centres and Polyclinics: a systematic review (APHCRI)

Research team: **Gawaine Powell Davies**, Yordanka Krastev, Bettina Christl, Nighat Faruqi, Yun Hee Jeon (Australian Primary Health Care Research Institute), Julie McDonald.

This study was commissioned by the Australian Primary Health Care Research Institute to inform national policy development for integrated primary health care. It identified found two main types of centres, extended general practice and broader primary health care centres, and described evidence for the effectiveness of each. A report has been published and publications are being prepared.

Information-enhanced integrated care research in SW Sydney (Sydney SW Integration Program)

Research Team: **Siaw-teng Liaw**, Jane Taggart, Sarah Dennis, Della Maneze, Tom Chen, Bin Jalaludin, Sanjyot Vagholkar, Jeremy Bunker, Nicholas Zwar.

This study involves a survey of general practices in Fairfield/Liverpool about their personal, professional and organizational readiness for integrated care and correlating that with Emergency Department attendances by their patients. This is complemented by a qualitative study of a cohort of patients with type 2 diabetes who presented to the Fairfield Emergency Department to investigate patients' understanding of integrated care, and how it is played out from patient and clinician perspectives. Integrating patients' and their clinicians' perceptions may improve our understanding of what is relevant and effective integrated health care. Interviews and surveys were used.

Do patient attitudes contribute to frequent readmissions?

PhD Student: **Sue Kirby** *Supervisors:* Sarah Dennis and Mark Harris.

This mixed methods study involves statistical analysis of emergency department data to determine what differentiates frequently readmitted patients from other patients, and qualitative analysis of interview data comparing frequently readmitted patients with patients managing their chronic disease outside hospital.

End of life decision making: Advance Care Planning in the Primary Care Context

PhD Student: **Joel Rhee**, *Supervisor:* Nicholas Zwar and Lynn Kemp.

The research study is using qualitative research methods to determine how advance care planning is conceptualised by patients, families and relatives and general practitioners. Their view will also be compared with those of specialist clinicians, representatives of consumer groups, health organisations and health departments. In particular, the research will focus on the conceptualisation of the aims of advance care planning and how this impacts on one's views of how this should be conducted and implemented. The findings will have significant Australian and international implications for how advance care planning is planned and delivered in the primary care setting.

Access to Primary Health Care

Ensuring access to primary health care is a key component of emerging health policy. Yet there is much that we do not know about how people access primary health care, particularly those with complex conditions needing coordinated care over time and those at social, economic, or cultural disadvantage. There is also much to learn about the impact of policy and practice changes on how people access primary health care services.

The Access to Primary Health Care Program includes a number of projects that are studying patterns of care and the impact of primary health care on health status and health service utilisation. The research is based on administrative data collections and data linkage techniques.

****Optimising access to 'best practice' primary health care (APHCRI)***

Research Team: **Elizabeth Comino**, Bettina Christl, John Furler (University of Melbourne), Yordanka Krastev, Marion Haas (UTS), Jane Hall (UTS), Mark Harris, Gawaine Powell Davies, Antony Raymont (Victoria University, NZ).

This systematic narrative review focused on evaluations of interventions and strategies designed to enhance access to best practice primary health care. The review included a description of the barriers and facilitators of access to primary health care, and evaluation of the characteristics of interventions that impacted on access to best practice primary health care. The final report identified key barriers and facilitators to and interventions to enhance access to 'best practice' PHC, and proposed key policy interventions to address these.

Relationship between 'best practice' primary care, health status, hospitalisation, and death for general practice patients with diabetes

Research team: **Elizabeth Comino**, Tom Chen, Jeff Flack (SSWAHS), Siaw-teng Liaw, Mark Harris, Warwick Ruscoe (Southern Highlands DGP), Jane Taggart, Nicholas Zwar.

This project is an ongoing data linkage project based on the CARDIAB Diabetes Register, which is maintained by Southern Highlands Division of General Practice. The aim of the project is to explore the relationships between 'best practice' diabetes care, clinical indicators of control of diabetes symptoms in the GP setting and presentation to hospital including hospitalisation and Emergency Department use. The data collections used for this research are the CARDIAB Data Collection, the NSW Admitted Patient Data Collection, the NSW Register of Births, Deaths, and Marriages, and the Emergency Department Data Collection for Sydney South West Area Health Service. The data collections were linked through the Centre for Health Record Linkage (CHeReL). The linked data are currently being analysed and a report will be available shortly.

Investigating best practice primary care for older Australians with diabetes using record linkage: a pilot study (NHMRC)

Research team: **Elizabeth Comino**, Jeff Flack (SSWAHS), Marion Haas (UTS), Mark Harris, Bin Jalaludin (SSWAHS), Louisa Jorm (UWS), Gawaine Powell Davies, Kris Rogers (SAX Institute).

The project aims to use the 45 and Up Cohort to explore access to and use of primary care for people with diabetes. The 45 and Up Cohort study is a large population cohort of over 250,000 NSW residents who provided information on their health and permission to

extract electronic health records. Data will be linked directly to Medicare data and through the NSW Centre for Health Record Linkage to hospital and death data. The aim of the study is to investigate process of care provision for older people with diabetes, identify the predictors of best practice provision of primary care and to explore the relationships between these and health outcomes including quality of life and hospitalisation.

****Pilot study: investigating best practice primary care for older Australians with diabetes using record linkage (UNSW Gold Star award)***

Research team: **Elizabeth Comino**, Jeff Flack (SSWAHS), Marion Haas (UTS), Mark Harris, Bin Jalaludin (SSWAHS), Louisa Jorm (UWS), Gawaine Powell Davies, Kris Rogers (SAX Institute).

This was a pilot study for the successful NHMRC study application. It described rates of diabetes reported in the baseline 45 and Up data and processes of medical care for participants with diabetes. The study showed that 19.6% of participants had completed an annual cycle of care and demonstrated that the main study was feasible and practical.

AusDiab study: investigating the socioeconomic predictors of diabetes diagnosis.

Research team: **Elizabeth Comino**, Mark Harris, Upali Jayasinghe, Jonathon Shaw (Heart Foundation).

The AusDiab study was the first national study of diabetes prevalence in Australia. It found that for every participant who was diagnosed with diabetes there were as many adults who were not diagnosed. This study is exploring the patient characteristics that were associated with presence of diabetes and with likelihood of known diagnosis, including demographics, socioeconomic status, risk factors, and health status. A paper is due for submission.

Understanding and Intervening to Reduce Health Inequalities

Equity is a basic value of the Australian and NSW Health systems. We are interested in equity of access to health services and of outcomes. In Australia there are many significant inequities in health relating to location or family background, employment, income and level of education. We seek to better understanding the causes of inequity and what can be done to reduce it.

There are three main program areas within this research stream:

- early childhood;
- disadvantaged communities and populations;
- equity and healthy public policy (including Health Impact Assessment).

Early Childhood

The World Health Organisation's Commission on the Social Determinants of Health report recognises that to address health inequities it is important to intervene with children in their early years, when experiences have a strong effect on future health and development. Our research focuses on how individuals and communities can develop better supports and services for vulnerable and 'at risk' families with young children. Over the past year, the Centre has continued to contribute to the development of child and family health nursing home visiting services and understanding of appropriate ways of working with Indigenous families. The Centre's early childhood research will continue to focus on improving outcomes for children through trialling evidence-based interventions, monitoring longer-term outcomes for vulnerable and at-risk children and working with service providers to evaluate improved models of service delivery.

Early childhood sustained home visiting: outcomes at 4 years and the transition to school (MECSH II) (ARC, NSW Health)

Research team: Elizabeth Harris, Lynn Kemp, Teresa Anderson (SSWAHS), Henna Aslam, Sue Dockett (Charles Sturt University), Cathy Kaplun (PhD student, Charles Sturt University), Cathy McMahon (Macquarie University), Stephen Matthey (SSWAHS), Bob Perry (Charles Sturt University), Sheryl Scharkie, Virginia Schmied (University of Western Sydney), Graham Vimpani (University of Newcastle), Siggi Zapart.

This study is following the families in the MECSH project, a randomised control trial investigating the impact of a comprehensive home-visiting program for at risk mothers, through to the first year of the children's

formal schooling. Half of the MECSH children have commenced school, and we have gathered data from parents, teachers, and the children themselves about their experience of the transition to school. The rest of the MECSH children will start school over the next two years. A doctoral candidate has been focussing on the children's experience, and further qualitative studies will commence in 2010, to gain greater understanding of the impact of the MECSH intervention on families' lives.

***Health and development of Aboriginal infants in an urban environment (Gudaga I) (NHMRC)**

Research team: Elizabeth Comino, Jennifer Knight, Monica Aburto, Cheryl Jane Anderson, Pippa Craig, Alison Derrett (SSWAHS), Elizabeth Harris, Mark Harris, Richard Henry, Lisa Jackson Pulver (School of Public Health and Community Medicine, UNSW), Bin Jalaludin (SSWAHS), Brendon Keleher (SSWAHS), Dennis McDermott (Flinders), Jenny McDonald (SSWAHS), Sharon Nicholson (SSWAHS), Natalie Ong, Heidi Sainsbury, Vana Webster, Darryl Wright (Tharawal Aboriginal Corporation).

The Gudaga study is a longitudinal birth cohort study of 159 infants born in Campbelltown Hospital from October 2005 to May 2007. The infants were followed up for 12 months. The study described the health, development and health service use of these infants and their mothers. Data collection was undertaken as a part of a home visit at 2-3 weeks and six months of age. At 12 months of age infants attended the hospital for a full paediatric health check and developmental assessment using the Griffith Mental Health Scales. This study is being analysed and written up for publication.

Health and development of Aboriginal infants in an urban environment (Gudaga II) (NHMRC)

Research team: Elizabeth Comino, Jennifer Knight, Cheryl Jane Anderson, Pippa Craig (Muru Marri Indigenous Health Unit, School of Public Health & Community Medicine, UNSW), Alison Derrett (SSWAHS), Elizabeth Harris, Mark Harris, Yoon Mei Ho (SSWAHS), Lisa Jackson Pulver (Muru Marri Indigenous Health Unit, School of Public Health & Community Medicine, UNSW), Bin Jalaludin (SSWAHS), Kelvin Kong, Lynn Kemp, Jenny McDonald (SSWAHS), Peter Smith (Faculty of Medicine, UNSW), Vicki Wade (SSWAHS), Vana Webster, Darryl Wright (Tharawal Aboriginal Corporation).

This is part 2 of the Gudaga study and was enabled with a second grant from the NHMRC. Participants in the Gudaga study are being followed up from 12 months to 5 years of age. This second stage builds upon Gudaga I and continues to describe the health, development and service use of Aboriginal children. Each child receives a full paediatric assessment when they are aged three and five years. Assessment tools used at this stage include the Griffith Mental Health Scales, the Peabody Picture Vocab test as well as a full hearing assessment. The study contains a qualitative component which will identify the hopes and aspirations the mothers have for their children

Bulundidi Gudaga (Closing the gap: improving Aboriginal maternal and child health in Macarthur) (NHMRC)

Research Team: **Lynn Kemp**, Elizabeth Comino, Lisa Jackson Pulver, Cathy McMahon, Elizabeth Harris, Mark Harris, Darryl Wright (Tharawal Aboriginal Corporation), Vicki Wade (SSWAHS), Trish Clark (SSWAHS), Jenny McDonald (SSWAHS), Jennifer Knight, John Lynch (University of SA), Cheryl Woodall (SSWAHS).

The results of the Gudaga I and MECSH I studies indicate that Aboriginal children in the Macarthur region are at risk for poorer health and developmental outcomes, and that implementation of the MECSH intervention for these families may improve outcomes. Preliminary work with the child and family health nursing team has been undertaken to commence implementation of the intervention. NHMRC funding has been received to conduct a trial of sustained nurse home visiting for Aboriginal and non-Aboriginal families in Campbelltown, to commence in 2010.

Disadvantaged Communities and Populations

Some population groups such as Aboriginal people, the unemployed and refugees, and some communities (many of the large public housing estates on the outskirts of Sydney) are at significant disadvantage in accessing health services and in opportunities for health. This program area began a decade ago when unemployment rates in South Western Sydney were very high. It has evolved over time to include a focus on the evaluation of complex multi-sectoral interventions in large public housing estates and also the needs of the public health workforce who work in these communities.

Cognitive Behavioural Therapy (CBT) Intervention for People who are Unemployed. (Cabramatta Community Centre, SSWAHS)

Research team: **Elizabeth Harris**, **Joan Silk**, Vanessa Rose.

Developing over the past decade, this research concerns the impact of a brief CBT intervention on health, well-being and employment outcomes of people who are long-term unemployed, including interventions with people who have chronic mental illness. While the intervention has demonstrated success, uptake has been limited because of difficulties with access to psychologists due to cost and availability. Cabramatta Community Centre and SSWAHS Mental Health Promotion and Population Health funded the further development of a DVD, facilitator's manual and workbook to support the delivery of the CBT program by non-psychologist trainers. A pilot of the new program, involving facilitator training by a clinical psychologist, will be undertaken with Cabramatta Community Centre in 2010.

Evaluation of Community 2168 Community Regeneration Intervention (Liverpool City Council, Housing NSW, SSWAHS)

Research Team: **Elizabeth Harris**, **Joan Silk**, Lynn Kemp, Karen Larsen, Vanessa Rose and the Community 2168 Management Committee.

Evaluation of the Community 2168 project was continued as part of our research partnership with the Community 2168 Management Committee. The final household survey, comprising questions drawn from a model of social cohesion and health developed from our previous evaluations, was undertaken in May 2010. People who were unemployed from the local area were trained in survey administration and paid as data collectors. The results from this final survey will be presented to the Community 2168 Management Committee in the form of an interactive workshop focused on long-term trends and implications for intervention.

Locational Disadvantage: Focussing on Place to Improve Health (SSWAHS)

Research Team: **Elizabeth Harris**, Betty Gill (University of Western Sydney), Mark Harris, John MacDonald (University of Western Sydney), Lynne Madden (NSW Health), Lee Ridoutt (Human Capital Alliance), Vanessa Rose, Peter Sainsbury (SSWAHS, University of Sydney), Joan Silk, Marilyn Wise.

Following the development of a generic workforce needs assessment model and identification of specific competencies for working in locationally disadvantaged communities, a 'Learning by Doing' training program was piloted in 2009 with four teams in Sydney South West Area Health Service. Team projects focused on increasing access to programs and services, including those aimed at promoting social inclusion. An evaluation of the pilot identified the need for stand-alone health promotion training and specialist mentoring. These changes have been integrated into 2010 program for the next intake for the course will be June 2010.

Ten Most Disadvantaged Suburbs in South West Sydney (SSWAHS)

Research Team: **Elizabeth Harris**, Michelle Maxwell (SSWAHS), Vanessa Rose, Peter Sainsbury (SSWAHS), Joan Silk.

This project, to begin in 2010, involves health, asset and service mapping of the ten most disadvantaged suburbs in south west Sydney in order to promote health and improve service access for these communities. Mapping will be used to identify gaps for health service and project intervention.

Training and Research HUB (SSWAHS, Liverpool City Council, Housing NSW)

Research Team: **Elizabeth Harris**, Vanessa Rose

A training and research arm of the Community 2168 project will be established in 2010 to facilitate transfer of the knowledge gained in the project to other areas in south west Sydney (initially) and more broadly. The model includes awareness raising seminars, learning-by-doing programs, opportunistic training and a resident speaker's bureau. A part-time coordinator and administrative assistant will be employed to establish and grow the HUB.

Equity and Healthy Public Policy

Healthy public policy aims to minimise health risk, promote health and reduce health inequity in populations. It is developed when considerations of health and well-being are systematically and transparently incorporated into the planning and implementation of policies, programs and projects by government, non-government and the private sectors. The work of the NSW HIA project has shown Health Impact Assessment to be an essential practical tool for developing healthy public policy that results from collaboration among health professionals and between the health and other sectors.

***NSW HIA Capacity Building Project (NSW Health)**

Research team: **Elizabeth Harris**, Patrick Harris, Ben Harris-Roxas, Marilyn Wise.

Completed in 2009, the NSW HIA Capacity Building Project supported more than 35 HIAs led primarily by the health sector. It developed and continues to run short courses allowing a wide variety of professionals and organisations to 'learn by doing' an HIA relevant to their own settings. An annual elective on HIA is, now part of the UNSW Masters of Public Health.

Our work is communicated to others nationally and internationally through the HIA Connect Website, now revised to reflect the wider global interest in HIA, and a periodic newsletter. The project is a global leader in the field of HIA.

Health Equity

Working in partnership with three Area Health Services the Healthy Public Policy Team has:

- supported the development of an Equity Framework and implementation plan for the Hunter New England Area Health Service;

- supported the Greater Southern Area Health Service to review the distribution of health services and their reach, and to integrate analysis of the equity implications of the Area's management and program decision-making;
- assisted Sydney South West Area Health Service to conduct an Equity-Focused HIA on the redevelopment of Liverpool Hospital.

The UNSW Primary Health Care Research Capacity Building Initiative (RCBI)

CPHCE receives funding from the Australian Government Department of Health and Ageing under Phase Two of the Research Capacity Building Initiative (RCBI), which supports research development in Primary Health Care. The RCBI is active across four regions - South West Sydney, Southern and South Eastern Sydney, Illawarra and Shoalhaven and Greater Murray. In accordance with the national RCBI goals, the Research Capacity Building Program at CPHCE focuses on building a sustainable primary health care workforce as well as supporting high quality research.

The Research Capacity Building Initiative works collaborates with:

- The Institute of General Practice Education;
- The Alliance of NSW Divisions;
- The Schwartz Family Practice, Elderslie; and
- Divisions of General Practice within our regions.

The **Primary Health Care Research Network** (PHReNet), provides information and support to a broad membership, including general practitioners, staff of Divisions of General Practice, and community and allied health professionals. In 2009 PHReNet had 395 members. It offers the following services: education in basic research skills, mentoring and support for early career researchers, research seminars, an Evidence Based Practice journal club, and writing support groups.

The 2009 UNSW RCBI team included:

Nicholas Zwar	Program Director
Melanie Marshall	Program Coordinator
	Support in South East Sydney/ Illawarra and Shoalhaven regions
Suzan Mehmet	PHReNet Administrator
Sarah Dennis	Senior Research Fellow, South West Sydney
Pippa Burns	Support in Illawarra and Shoalhaven region ((maternity leave February-September 2009, resigned in December 2009 to undertake PhD)

The **Practice Based Research Network**, PHReNet-GP, was launched at the end of 2007 as a subdivision of PHReNet. In 2009 it increased its membership to 65 members. It is open to individual GPs, Divisions of General Practice and Research Training Providers interested in collaborating with or taking part in research projects with CPHCE. Ongoing research information is provided through the CPHCE website (www.cphce.unsw.edu.au), PHReNetic newsletter and regular email alerts to PHReNet Members.

PHReNet-GP also provides members with the opportunity to be involved in UNSW led research projects, in piloting and developing projects or as project participants. In 2009 this has included the following projects::

- referral Pathways in Colorectal Cancer;
- NSW GP Sentinel Surveillance scheme for Influenza (GPSS);
- diagnosing Obstructive Sleep Apnoea in Primary Care;
- implementing Guidelines for Prevention in General Practice.

The PHReNet-GP advisory committee has continued to provide strategic advice to the network during 2009. Current members of the advisory group are:

Nicholas Zwar	RCBI Program director
Melanie Marshall	UNSW RCBI Program Coordinator
Sarah Dennis	Senior Research Fellow
Suzan Mehmet	Research Network Coordinator
Rene Pennock	CEO, Macarthur Division of General Practice
Peter Edwards	GP
Phillip Lye	GP
Anne Eastwood	GP Educator, Institute of General Practice Education
Jeremy Bunker	GP Synergy, Staff Specialist, General Practice Unit

Key achievements

Education

- Four Introductory Research Skills workshops with 44 participants. (Presenters: Pippa Burns, Sarah Dennis, Melanie Marshall).
- Two Evidence Based Practice Journal club meetings with 9 participants (Presenter: Sarah Dennis).
- Two sessions of the Writing Support Group, with 18 participants. (Sarah Dennis, Suzan Mehmet).
- Three co-convened state-wide PHC short courses on research methods, with 73 participants (Sarah Dennis, Melanie Marshall).
- Four workshops for key stakeholder groups, with a total of 29 participants.
- Three research seminars (in conjunction with the Institute of General Practice Education), with 31 participants.

Mentoring and supervision

PHReNet provided active research support to its members. In addition, we continued to support the Academic Registrar position at the GP Unit in Fairfield Hospital and provided ongoing mentoring and support to the following projects.

NAME AND DEGREE	PROJECT TITLE
Ms Sue Kirby (PhD candidate and former RDP)	Do Patient attitudes contribute to frequent readmissions?
Dr Joel Rhee, (former Academic GP registrar, now PhD candidate)	Study of advanced care planning in the primary care context
Ms Shona Dutton (RDP Masters student)	Exercise Referral Scheme
Dr Della Maneze (RDP)	Integrated diabetes care
Mr John Widdup (RDP)	Utilisation rates of early childhood services by Aboriginal infants within an urban population
Mr.Iqbal Hasan	Evaluation of Sydney South West Indigenous Community Health Brokerage Services - Muramali project
Dr Jeremy Bunker	COPD projects
Dr Qing Wan (PhD candidate)	Absolute Cardiovascular Risk in general practice
Dr Sanjyot Vagholkar (PhD candidate)	Cardiovascular absolute risk assessment in general practice and impact on prescribing
Dr Saw Hooi Toh (GP educator)	Improving Communication And Time Management Skills In Hospital GP Registrars
Dr Soheyl Aran (GP)	Obstructive Sleep Apnoea In Primary Care
Dr John Shepherd (GP)	One Small Step – Behaviour Change And The Internet (GP)
Dr Chris An, (GP)	A qualitative exploration of patient experiences taking biologics for psoriasis
Schwartz Family Practice, Elderslie	Ongoing support with practice data and quality improvement
Dr George Tang (GP)	Developing a project to explore role of spirituality in Chinese people with anxiety or depression

During 2009 we awarded \$25,000 worth of funding, to early career researchers, under the PHReNet Small Research Grants. These were:

- Iqbal Hasan: Marumali project – Evaluation of an ATSI brokerage service Sydney South West;
- Joel Rhee: End of Life decision making: Advance Care Planning in the Primary Care Context.

Publications

Network members published six journal articles and made seventeen conference presentations during the year.

Researcher Development Program (RDP)

This program funds placements for novice/early career researchers on existing research projects within the Centre, giving them the opportunity to develop their research skills with an experienced team of researchers.

In 2009, two RDP positions were offered as primary health care scholarships:

- Della Maneze: Enhancing Integrated Care of Chronic Disease;
- John Widdup: Universal Health Home Visiting: Evaluating Access and Equity.

Teaching

Our teaching within the Faculty of Medicine, elsewhere in UNSW and for other universities and organizations allows us to share current research with students and enables staff to develop and maintain their teaching experience. Below is a summary of teaching by Centre staff in 2009¹.

Undergraduate Medicine at UNSW

SUBJECT	LECTURER(S)
<i>Society and Health A & B</i>	Elizabeth Denney-Wilson (facilitator and guest lecturer) Elizabeth Harris (lecturer), Mark Harris, Ben Harris-Roxas (guest lecturers).
<i>Society and Health III</i>	Jeremy Bunker, Sanjyot Vagholkar (tutors, lecturers), Siaw-teng Liaw. Mark Harris, Elizabeth Harris, Gawaine Powell Davies (guest lecturers), Elizabeth Denney-Wilson (clinical tutorials), Shane Pascoe.
<i>Health Maintenance B</i>	Elizabeth Denney-Wilson (facilitator and guest lecturer).
Phase One Clinical Teaching	Jeremy Bunker, Sanjyot Vagholkar (tutors).
Foundation Course	Elizabeth Harris (lecturer).
General Practice (5 th Year)	Jeremy Bunker, Tim Shortus, Sanjyot Vagholkar Barbara Booth (tutors, examiners), Siaw-teng Liaw.
Independent Learning Project – student placement	Elizabeth Denney-Wilson, Sarah Dennis, Mahnaz Fanaian, Mark Harris, Julie McDonald (supervisors).

Postgraduate Medicine at UNSW

Master of Public Health Program

a) MPH Electives run through CPHCE

SUBJECT	LECTURER(S)
Inequalities in Health	Lynn Kemp (course co-ordinator), Marilyn Wise (lecturer).
Delivery of Primary Health Services in the Community	Mark Harris, Gawaine Powell Davies (course co-ordinators) Bibiana Chan, Mahnaz Fanaian, Rachel Laws, Julie McDonald, Tim Shortus, Jane Taggart, Anna Williams (lecturers).
Health Impact Assessment	Ben Harris-Roxas (course co-ordinator) Patrick Harris, Elizabeth Harris, Marilyn Wise (lecturers).

b) Contributions to other MPH Courses

SUBJECT	LECTURER(S)
Introduction to Public Health	Elizabeth Harris, Ben Harris-Roxas (lecturers).
Environmental Health	Ben Harris-Roxas (lecturer).
Intensive Course on Health, Development and Human Rights	Lynn Kemp (lecturer).

¹ This does not include teaching by Prof. Nick Zwar, which also provides opportunities for presenting CPHCE research to students, but is part of his substantive role as a member of the School of Public Health and Community Medicine

Other Graduate Teaching

SUBJECT	LECTURER(S)
Graduate Diploma/Masters in Mental Health, Institute of Psychiatry	Lynn Kemp (lecturer)
Non Communicable Disease Prevention and Control, Masters of International Studies/Masters of Public Health, University of Sydney	Mark Harris (lecturer)
Health promotion and advocacy. Sydney Graduate Medical Program, University of Sydney.	Marilyn Wise (lecturer)
Graduate Diploma in Indigenous Health Promotion. University of Sydney.	Marilyn Wise (lecturer)
Graduate Diploma in Indigenous Health (Substance Misuse), University of Sydney.	Marilyn Wise (lecturer)
Environmental Health, Macquarie University	Ben Harris-Roxas, (guest Lecturer)

Other Teaching

SUBJECT	LECTURER(S)
NSW PHC Research Capacity Building	Sarah Dennis (presenter and retreat supervisor). Melanie Marshall (presenter and retreat supervisor).
Supervision of GP Registrars in Practice, Institute of General Practice Education	Sanjyot Vagholkar (supervisor), Jeremy Bunker (supervisor).
HIA short courses for NSW Health Public Health Officer trainees, population and environmental health staff from South Korea.	Ben Harris-Roxas, Patrick Harris

CPHCE also provides training through its PHReNet program as part of the Research Capacity Building Initiative.

Research Students

The Centre provides many opportunities for research students. In 2009 a total of 17 PhD and 5 Masters students were enrolled at the Centre. CPHCE staff members are identified with an asterisk.

NAME	DEGREE	THESIS TITLE	SUPERVISORS	EXPECTED COMPLETION
Abby Anderson	PhD (UNSW)	Evaluation of health assistants in general practice	Judy Proudfoot (supervisor) Mark Harris (co-supervisor)	2010
*Barbara Booth	PhD (UNSW)	Quality improvement in general practice	Mark Harris (supervisor) Nicholas Zwar (co-supervisor)	December 2011
Albert Chan	Master of Public Health (treatise) (UNSW)	Uptake of the 45-49 year old health check in Australia and patient and doctor characteristics facilitating uptake of the health checks	Mark Harris (supervisor) Cheryl Amoroso (co-supervisor)	July 2009
Roy Dean	PhD (UNSW)	The effect of exogenous and endogenous shock on the secondary sex ratio in the Tasmanian community experience	Elizabeth Comino (co-supervisor),	2010

NAME	DEGREE	THESIS TITLE	SUPERVISORS	EXPECTED COMPLETION
John Eastwood	PhD (UNSW)	Perinatal and infant social epidemiology: A study of the economic, social, physical and political context of perinatal depression in South West Sydney	Lynn Kemp (co-supervisor)	2011
Jill Guthrie	PhD (UNSW)	Parents' experience of indigenous child hospitalisation	Lynn Kemp (co-supervisor)	Completed October 2009
*Ben Harris-Roxas	PhD (UNSW)	Equity focused health impact assessment (EFHIA) and the consideration of equity in policy development and implementation within the health system	Rosemary Knight then Pat Bazely (supervisors) Lynn Kemp (co-supervisor)	June 2011
*Sue Kirby	PhD (UNSW)	Do patient attitudes contribute to frequent admissions?	Sarah Dennis (Supervisor) Mark Harris (co-supervisor)	December 2011
Patricia Knight	PhD (UNSW)	Road safety in rural young males	Mark Harris (co- supervisor)	June 2011
John Kurko	Masters (UNSW)	The efficacy of lifestyle intervention within rural general practice on patient behavioural risk factors.	Mark Harris (supervisor) Gawaine Powell Davies (co-supervisor)	December 2011
*Karen Larsen	Master of Public Health (UNSW)	Urban renewal and public housing: Impacts on public health	Elizabeth Harris (co-supervisor)	January 2010
*Rachel Laws	PhD (UNSW)	Implementation of SNAP interventions in community health services	Mark Harris (supervisor) Lynn Kemp (co-supervisor)	January 2010
*Julie McDonald	PhD (UNSW)	Inter-organisational and inter-professional relationships and their impact on planning and provision of primary diabetes care.	Mark Harris (supervisor) Rohan Jayasuriya (co-supervisor)	June 2011
*Suzanne McKenzie	PhD (UNSW)	Mental health and prevention of cardiovascular disease in general practice- impacts and interactions	Mark Harris (supervisor)	June 2011
Joel Rhee	PhD (UNSW)	A study of advance care planning in the primary care context	Nicholas Zwar Lynn Kemp	2012
Tim Shortus	PhD (UNSW)	Shared Decision making in care planning for diabetes	Mark Harris (supervisor) Lynn Kemp (co-supervisor)	Completed in 2009
*Jacqueline Tudball	PhD (UNSW)	Children's experience of self-management of asthma	Lynn Kemp (supervisor) Elizabeth Comino (co-supervisor)	2010
*Qing Wan	PhD (UNSW)	Absolute Cardiovascular Risk in general practice	Mark Harris (supervisor) Nicholas Zwar (co-supervisor)	2010
*Marilyn Wise	PhD (part time) (UNSW)	The role of decision-makers in determining the participation of minority population groups in the formulation and implementation of public policy.	Professor Lyn Carson, Centre for Citizenship and Public Policy, University of Western Sydney	2012

* CPHCE Staff enrolled in post-graduate study

Undergraduate Students

CPHCE staff members also supervised a number of undergraduate research projects in 2009. These included seven UNSW medical students undertaking Independent Learning Projects (ILPs).

NAME	DEGREE AND PROJECT TYPE	PROJECT TITLE	SUPERVISORS	EXPECTED COMPLETION
Emily Deck	MB, BS (ILP)	Collaboration between general practice and allied health in rural communities	Julie McDonald, Mark Harris	March 2009
Victoria Edwards	MB, BS (ILP)	Involvement of students in preventive health programs	Mark Harris, Sally Nathan	March 2009
Laksmi Govindasamy	MB, BS (ILP)	Evaluation of a strength-based community exercise program with Sudanese refugee women in southwest Sydney	Vanessa Rose, Elizabeth Harris	May 2010
Andrew Ham	MB, BS (ILP)	Implementing cardiovascular risk assessment in General Practice: GP views	Mark Harris, Elizabeth Denney-Wilson	December 2009
Pooja Kadam	MB, BS (ILP)	A scoping study for student involvement in HealthOne sites	Gawaine Powell Davies, Mark Harris	March 2009
Jennifer Lim	MB, BS (ILP)	Exercise programs in general practice	Nicholas Zwar, Sanjot Vagholkar	March 2009
Merryn McKeon	MB, BS (ILP)	Evaluation of the Aboriginal Miller Chronic Care Program	Vanessa Rose, Elizabeth Harris	May 2010

Partners and Affiliates

In our research we collaborate with individuals and organisations in areas of policy development, health service management and clinical practice. Some of our main partners are listed below.

UNSW

- School of Public Health and Community Medicine
- Centre for Clinical Governance
- Centre for Health Informatics
- Faculty of Medicine Lifestyle Clinic
- Faculty of the Built Environment
- Social Policy Research Centre

Health departments

- Australian Government Department of Health and Ageing
- NSW Health

Area health services

- Greater Southern Area Health Service
- Hunter New England Area Health Service
- Northern Sydney Central Coast Area Health Service
- Sydney South West Area Health Service
- South Eastern Sydney and Illawarra Area Health Service
- Sydney West Area Health Service

Other government departments

- NSW Department of Community Services
- NSW Department of Housing

Local government

- Liverpool Council
- Western Sydney Regional Organisation of Councils

Australian Universities

- Australian Primary Health Care Research Institute, Australian National University
- Bond University
- Broken Hill University Department of Rural Health, University of Sydney
- Charles Sturt University
- Flinders University
- Macquarie University
- Monash University
- University of Melbourne
- University of Newcastle
- Northern Rivers University Department of Rural Health, University of Sydney
- South Australian Community Health Research Unit, Flinders University
- University of Adelaide
- University of Technology Sydney
- University of Western Sydney
- University of Wollongong
- Monash University
- University of Otago
- Curtin University
- School of Medicine, James Cook University
- Royal Rehabilitation Centre, University of Sydney

Divisions of General Practice Network

National

- Australian General Practice Network

NSW

- GP New South Wales
- Bankstown Division of General Practice
- Central Coast Division of General Practice
- Central Sydney GP Network
- Eastern Sydney Division of General Practice
- GP Network Northside (formerly Hornsby Ku-ring-ai Ryde Division)
- Hawkesbury Hills Division of General Practice

-
- Hunter Rural Division of General Practice
 - Illawarra Division of General Practice
 - Murrumbidgee\North Western Slopes Division of General Practice
 - South Eastern NSW Division of General Practice
 - Riverina Division of General Practice & Primary Health Ltd.
 - South Eastern Sydney Division of General Practice
 - Southern Highlands Division of General Practice
 - St George Division of General Practice
 - Sutherland Division of General Practice
 - Northern Rivers General Practice Network
 - Dubbo Plains Division of General Practice
 - Macarthur Division of General Practice
 - NSW Outback Division of General Practice
 - New England Division of General Practice
 - North West Slopes Division of General Practice
 - Wentwest Ltd

Victoria

- Central Bayside Division of General Practice
- Dandenong Division of General Practice
- General Practice Divisions of Victoria
- Eastern Ranges Division of General Practice
- Knox Division of General Practice
- Melbourne Division of General Practice
- Western Melbourne Division of General Practice

South Australia

- Adelaide Hills Division of General Practice

Western Australia

- GP Coastal Division

Queensland

- South East Alliance General Practice

Northern Territory

- Top-End Division of General Practice

General Practice Training Organisations

- GP Synergy
- Institute for General Practice Education Inc (IGPE)
- WentWest Ltd

Non government organisations

- Arthritis NSW
- Australian Indigenous Doctors' Association
- BeyondBlue
- Chinese Australian Services Society
- Liverpool Migrant Resource Centre
- MBF Foundation
- National Heart Foundation of Australia
- National Prescribing Service
- Royal Australian College of General Practitioners
- Tharawal Aboriginal Corporation
- Chronic Illness Alliance
- Practice Nurse's Association

International

- International Union for Health Promotion and Education
- National Primary Care Research and Development Centre, University of Manchester, UK
- Health Services Management Centre, University of Birmingham, UK.
- Health Services Research Centre, Victoria University of Wellington, New Zealand
- Thai Healthy Public Policy Foundation, Bangkok
- Thai Health System Research Institute, Bangkok
- Department of Family Medicine, University of Ottawa
- University of Western Ontario
- CDC Atlanta
- CDC Chronic Disease Prevention
- WHO Europe (Venice Office)
- Thai Healthy Public Policy Foundation
- US CDC
- China-Australia Health and HIV/AIDS Facility

Staff

In December 2009, 51 staff were employed (36 full time equivalents). All staff who worked at the Centre during 2009 (including long term casual staff) are listed below. Those marked with an asterisk have since left.

TITLE	NAME	POSITION TITLE
Ms	Cheryl Jane Anderson	Research Officer
A/Prof	Pat Bazeley	Associate Professor
Ms	*Pippa Burns	Research Officer
Ms	Fiona Byrne	Research Assistant
Mr	Matthew Byron	Administrative Assistant
Dr	Bibiana Chan	Research Fellow
Ms	Chih-Ching (Sunny) Chang	Administrative Assistant
Mr	Huei-Yang (Tom) Chen	Research Associate
Ms	Bettina Christl	Research Evaluation Officer
Dr	Elizabeth Comino	Associate Professor
Dr	Elizabeth Denney-Wilson	Research Fellow
Dr	Sarah Dennis	Snr Research Fellow
Dr	*Rosslyn Eames-Brown	Research Officer
Dr	Mahnaz Fanaian	Research Fellow
Ms	Sarah Ford	Finance Manager
Ms	*Sharon Ganzer	Research Assistant
Ms	*Jane Hamilton	Administrative Assistant
Ms	Elizabeth Harris	Snr Research Fellow
Prof	Mark Harris	Exec. Director/ Professorial Fellow
Mr	Patrick Harris	Research Fellow
Mr	Ben Harris-Roxas	Research Fellow
Mr	Iqbal Hasan	Research Officer
Mr	Oshana Hermiz	Research Officer
Dr	Upali Jayasinghe	Snr Research Fellow
Ms	*Anna Jones	Research Associate
Dr	Lynn Kemp	Snr Research Fellow
Ms	Sue Kirby	Research Officer
Ms	*Biljana Klimovska	Administrative Assistant
Dr	Jenny Knight	Snr Research Fellow
Dr	Yordanka Krastev	Research Fellow
Ms	*Karen Larsen	Research Officer
Ms	Rachel Laws	Research Fellow
Ms	Joanna Lee	Administrative Assistant
Dr	*Jane Lloyd	Research Fellow
Dr	Melanie Marshall	Manager
Ms	Julie McDonald	Research Fellow
Ms	Fakhra Maan	Administrative Assistant
Ms	Della Maneze	Research Trainee
Ms	Suzan Mehmet	Research Officer
Ms	*Danielle Noorbergen	Research Officer
Dr	Shane Pascoe	Research Fellow
A/Prof	Gawaine Powell Davies	CEO/Associate Professor
Ms	*Heidi Sainsbury	Research Officer

TITLE	NAME	POSITION TITLE
Ms	Sheryl Scharkie	Research Nurse
Ms	Jacqueline Schroeder	NSW PHC State Coordinator
Ms	Heike Schütze	Research Officer
Ms	Jane Taggart	Research Fellow
Dr	Kenny Travouillon	Administrative Assistant
Dr	Qing Wan	Research Associate
Ms	Rachel Ward	Data Manager
Ms	Iris Warnke	Administrative Assistant
Ms	Vana Webster	Research Officer
Mr	John Widdup	Research Trainee
Ms	Anna Williams	Research Fellow
A/Prof	Marilyn Wise	Associate Professor

Affiliated Staff employed by the School of Public Health and Community Medicine in 2009

Barbara Booth	Senior Lecturer
Siaw-Teng Liaw	Professor – also Director of the Fairfield Hospital General Practice Unit.
Suzanne McKenzie	Senior Lecturer
Joel Rhee	Lecturer
Nicholas Zwar	Professor of General Practice

Staff employed by Sydney South West Area Health Service in 2009

Monica	Aburto	Data Analyst
Jeremy	Bunker	Staff Specialist, Conjoint Lecturer
Mary	Knopp	Administration Officer
Sharon	Nicholson	Research Officer
Joan	Silk	Research Officer
Sanjyot	Vagholkar	Staff Specialist, Conjoint Lecturer
Cheryl	Woodall	Research Officer
Siggi	Zapart	Research Officer

Staff Membership of External Committees

COMMITTEE	NAME
Australian Association for Academic Primary Care Executive Committee	Sarah Dennis
Co-chair, Australian Child and Adolescent Obesity Research Network	Elizabeth Denney-Wilson
Aust Health Informatics Education Council	Siaw-teng Liaw
BMC Family Practice (Associate Editor)	Mark Harris
Cancer Institute NSW Oncology General Practice Committee	Gawaine Powell Davies
Coalition of Research into Aboriginal Health	Elizabeth Harris
Community Health Information Strategy Committee	Rachel Laws
Content Review Committee Medical Journal of Australia	Mark Harris
Diabetes Australian NHMRC Diabetes Guideline Advisory Group	Mark Harris
eHealth Informatics Journal Editorial Board	Siaw-teng Liaw
Editorial Board, Australian Family Physician	Nicholas Zwar
Environmental Impact Assessment Review (Journal) Editorial Board	Ben Harris-Roxas
Expert Review Group on PHC Strategy	Mark Harris
Heart Foundation Prevention in Practice Advisory Group	Gawaine Powell Davies Rachel Laws
Health Informatics Conference Scientific Committee	Siaw-teng Liaw
Heart Foundation Warning Signs NSW Reference Group	Sanjyot Vagholkar
Inghams Health Research Institute Scientific Advisory Committee	Lynn Kemp, Siaw-teng Liaw
International Union for Health Promotion and Education (IUHPE) Global Working Group in Health Impact Assessment.	Marilyn Wise
Institute of General Practice Education Inc. Management board	Nicholas Zwar (to Feb 2009); Siaw-teng Liaw (from Feb 2009)
International: American Medical Informatics Association International Affairs Subcommittee	Siaw-teng Liaw
International Association for Impact Assessment Publications Committee	Ben Harris-Roxas
International Journal of Family Medicine Editorial Board	Siaw-teng Liaw
National Diabetes Data Working Group	Mark Harris
NHMRC Human Genetics Advisory Committee	Siaw-teng Liaw
National Heart Foundation Clinical Issues Committee	Mark Harris
National Heart Stroke and Vascular Absolute Risk Group	Mark Harris
NSW Health Aboriginal and Population Health Priority Task Force	Marilyn Wise
NSW Health Acute Care Taskforce	Siaw-teng Liaw
NSW Health Chronic, Aged and Community Health Priority Task Force	Mark Harris,
NSW Health Chronic, Aged and Complex Care Committee	Siaw-teng Liaw
NSW Health Healthy Older People Advisory Committee	Gawaine Powell Davies
NSW Health Sustained Health Home Visiting Advisory Group	Lynn Kemp
NSW Refugee Health Service Liaison Committee	Sanjyot Vagholkar
NSW Transcultural Mental Health Centre Chinese Subcommittee	Bibiana Chan
Office for Aboriginal and Torres Strait Islander Health (OATSIH) Health@Home-plus National Reference Group	Lynn Kemp
Perinatal Health Leadership Group	Lynn Kemp
Pharmaceutical Alliance Diabetes Clinical Advisory Group	Gawaine Powell Davies
Pharmaceutical Health and Rational use of Medicines (PHARM) Committee	Nicholas Zwar

COMMITTEE	NAME
RACGP National Research Ethics Committee	Siaw-teng Liaw
RACGP National Standing Committee Research	Nicholas Zwar
RACGP Quality Committee	Mark Harris
RACGP Red Book Task Force	Mark Harris
Research Advisory Committee, National Prescribing Service	Nicholas Zwar
SESIAHS Community Health Review Steering Committee	Mark Harris, Gawaine Powell Davies
Social Policy Research Centre Advisory Committee	Gawaine Powell Davies
SSWAHS Area Cancer Services Council	Sanjyot Vagholkar
SSWAHS: New Ways of Caring Committee (Garling Report implementation)	Siaw-teng Liaw
SSWAHS Population Health Division Executive	Elizabeth Harris
SSWAHS Executive - Divisions of General Practice Liaison Committee	Sanjyot Vagholkar
SSWAHS Stroke Advisory Committee	Sanjyot Vagholkar
WHO Western Pacific Regional Office Thematic Working Group on Health Impact Assessment	Ben Harris-Roxas

Statement of Financial Performance for the Year Period Ending 31 December 2009

	2009	2008
	\$	\$
Income		
External Funds	4,032,206	3,452,811
UNSW Contribution - see note (i) & (ii)	315,285	315,011
Total Income	4,347,491	3,767,823
Expenses		
Payroll	3,168,227	3,025,452
Equipment	23,341	36,122
Materials	878,234	770,974
Travel	128,839	218,145
Total Expenses	4,198,640	4,050,693
Operating result (iii)	148,851	-282,870
Surplus(Deficit) Bfwd from Prior Year	973,797	1,173,504
Correction of Prior Year Accumulated Fund (iv)	3,551	83,163
Adjusted Brought Forward	977,348	1,256,667
Accumulated Funds Surplus(Deficit)	1,126,199	973,797
Excludes debtors (unpaid invoices) (v)	23,806	323,912

Notes to the Statement of Financial Performance

- i The Centre recognises in-kind contributions provided to it that are not brought to account in the Statement of Financial Performance. These include space occupied at Level 3 Building G27 AGSM, Randwick, and infrastructure support provided by the University of New Wales also SPHCM salary support for E Harris & S Dennis.
- ii Faculty of Medicine Fellowship Enhancement Grants for Mark Harris and Lynn Kemp and associated top-ups, Faculty of Medicine top-ups of DoHA Fellowship Grants, Faculty top-ups of NHMRC and AHMAC grants & Faculty payments for supervising ILP students
- iii Payment of outstanding invoices of \$23,806 (incl. of GST) will increase Operating Gain to \$170,492
- iv Due to changed methods in accounting reporting, the 2008 Accumulated Fund has been adjusted by \$3,551
- v Unpaid invoices include GST

Publications

Books

1. Harris, M, Bennet, J, Del Mar, C, Fasher, M, Forman, L, Johnson, C, Furler, J, Joyner, B, Litt, J, Mazza, D, Smith, J, Tomlins, R, Bailey, L, London, J, Snowdon, T, 2009. **Guidelines for preventive activities in general practice 7th Edition**. Royal Australian College of General Practitioners. 2009.

Chapters

1. Denney-Wilson, E, Baur, L, LA 2009. **Chapter 10: Adolescent obesity as a major public health concern**. In: Bennett, Towns, Elliot & Merrick (eds) *Challenges in adolescent health: an Australian perspective*.
2. Glasgow, N, Zwar, NA, Harris, MF, Hasan, I, & et al, 2009, **Australia, Managing chronic conditions: Experience in eight countries** (94, 1st, pp. 131-160). World Health Organization, European Union.
3. Liaw, ST, 2009. **Prescribing patterns in Australia: determinants and implications for the Asia Pacific**, pp 281-310 in K. Eggleston (Ed). *Prescribing Cultures and Pharmaceutical Policy in the Asia-Pacific*. Walter H. Shorenstein Asia-Pacific Research Center, Stanford University, Brookings Press.
4. Powell Davies, PG, Dennis, S, Walker, C, 2009. **Self-management with others: the role of partnerships in supporting self-management for people with long-term conditions**. In: Glasby J and Dickinson H, editors. *International perspectives on health and social care: partnership working in action*. Wiley-Blackwell UK, London 2009.
5. Nutbeam, D, Wise, M, 2009. **Structures and strategies for public health intervention**. In: Detels R, Beaglehole R, Lansang MA, Gulliford M, editors. *Oxford Textbook of Public Health. Volume 3: The Practice of Public Health*. 5th ed. Oxford: Oxford University Press, 2009:1653-67.

Journal Articles

1. Amoroso, C, Harris, MF, Ampt, AJ, Laws, RA, et al, 2009, **The 45 year old health check: Feasibility and impact on practices and patient behaviour**, *Australian Family Physician*, 38, pp. 358-362.
2. Ampt, AJ, Amoroso, C, Harris, MF, McKenzie, SH, et al, 2009, **Attitudes, norms and controls influencing lifestyle risk factor management in general practice**, *BMC Family Practice*, 10, pp. online - 220.
3. Anderson, AL, Proudfoot, J, & Harris, MF 2009, **Medical assistants: A primary care workforce solution?** *Australian Family Physician*, 38, pp. 623-626.
4. Aslam, H, Kemp, LA, Harris, E, & Gilbert, E 2009, **Socio-cultural perceptions of SIDS among migrant Indian mothers**, *Journal of Paediatrics and Child Health*, 45, pp. 670-675.
5. Barton, CA, Proudfoot, J, Amoroso, C, Ramsay, E, et al, 2009, **Management of asthma in Australian general practice: Care is still not in line with clinical practice guidelines**, *Primary Care Respiratory Journal*, 18, pp. 100 -105.
6. Booth, ML, Dobbins, T, Aitken, R, Denney-Wilson, E, et al, 2009, **The short-term costs of managing conditions associated with overweight and obesity among Australian teenagers**, *Journal of Paediatrics and Child Health*, 45, pp. 448-456.
7. Bunker, JM, Hermiz, OS, Zwar, NA, Dennis, SM, et al, 2009, **Feasibility and efficacy of COPD case finding by practice nurses**, *Australian Family Physician*, 38, pp. 826 – 830.
8. Chan, BC 2009, **Capitalising on the social resources within culturally and linguistically diverse communities for mental health promotion: stories of Australian Chinese people**, *Australian Journal of Primary Health*, 15, pp. 29-36.
9. Chapman, NH, Brighton, TA, & Harris, MF 2009, **Venous thromboembolism: Management in general practice**, *Australian Family Physician*, 38, pp. 36-40.
10. Chapman, NH, Brighton, TA, Harris, MF, Caplan, GA, et al, 2009, **Zylina zatorowozakrzepowa (Venous thromboembolism)**, *Lekarz Rodzinny*, 142, pp. 596-601.

11. Denney-Wilson, E 2009, **Eating behaviours and child obesity**, *Nutridate*, 20, p. 2.
12. Denney-Wilson, E, Crawford, D, Dobbins, TD, Okely, AD, & et al, 2009, **Influences on adolescent consumption of soft drinks and fast foods**, *Asia Pacific Journal of Clinical Nutrition*, 18, pp. 447-452.
13. Dennis, SM, May, J, Perkins, DA, Zwar, NA, et al, 2009, **What evidence is there to support skill mix changes between GPs, pharmacists and practice nurses in the care of elderly people living in the community?**, *Australia and New Zealand Health Policy*, 6, p. 23.
14. Dennis SM, Zwar N, Marks & G **'Diagnosing asthma in adults in primary care: a qualitative study of Australian GPs' experiences**. *Primary Care Respiratory Journal*, 2010. **19**(1): p.52-58
15. Hardy, LL, Dobbins, TA, Denney-Wilson, E, Okely, AD, & et al, 2009, **Sedentariness, small-screen recreation, and fitness in youth**, *American Journal of Preventive Medicine*, 36, pp. 120-125.
16. Harris, E, Rose, VK, Ritchie, JE, & Harris, N 2009, **Labour market initiatives: potential settings for improving the health of people who are unemployed**, *Health Promotion Journal of Australia*, 20, pp. 214-220.
17. Harris, E, & Harris, MF 2009, **Reducing the impact of unemployment on health: revisiting the agenda for primary health care**, *Medical Journal of Australia*, 191, 119-122.
18. Harris, E, Harris, MF, Madden, L, Wise, M, Sainsbury, P, McDonald, J, Gill, B, 2009, **Working in disadvantaged communities: what additional competencies do we need?** *Australia and New Zealand Health Policy* 2009;6:10.
19. Harris, MF, & McDonald, J 2009, **Health care reform-Facing inequities**, *Australian Family Physician*, 2009, 911-912.
20. Harris, MF 2009, **Organisational Factors Influencing the Management of Chronic Disease**, *Annals of Family Medicine*, 7, p. 18.
21. Harris, MF, Chan, BC, & Dennis, SM 2009, **Coordination of care for patients with chronic disease**, *Medical Journal of Australia*, 191, 85-86.
22. Harris, MF, Chan, BC, & Dennis, SM 2009, **Coordination of care for patients with chronic disease**, *Medical Journal of Australia*, 191, p. 472.
23. Harris, PJ, Harris, E, Thompson, SM, Harris-Roxas, BF, & et al, 2009, **Human health and wellbeing in Environmental Impact Assessment in New South Wales, Australia: Auditing health impacts within environmental assessments of major projects**, *Environmental Impact Assessment Review*, 29, pp. 310-318.
24. Homer, CSE, Henry, K, Schmied, V, Kemp, LA, et al, 2009, **It looks good on paper: Transitions of care between midwives and child and family health nurses in New South Wales**, *Women and Birth: Journal of the Australian College of Midwives*, 22, pp. 64-72.
25. Jayasinghe, U, Proudfoot, J, Barton, CA, Amoroso, C, et al, 2009, **Quality of life of Australian chronically-ill adults: Patient and practice characteristics matter**, *Health and Quality of Life Outcomes*, 7, p. 68.
26. Kardamanidis, K, Kemp, LA, & Schmied, V 2009, **Uncovering psychosocial needs: perspectives of Australian child and family health nurses in a sustained home visiting trial**, *Contemporary Nurse*, 33, pp. 50-58.
27. Knight, J, Comino, EJ, & Harris, E 2009, **Indigenous research: a commitment to walking the talk: The Gudaga Study: an Australian case study**, *Journal of Bioethical Inquiry*, 6, pp. 467-476.
28. Laws, RA, Kemp, LA, Harris, MF, Powell Davies, PG, et al, 2009, **An exploration of how clinician attitudes and beliefs influence the implementation of lifestyle risk factor management in primary healthcare: a grounded theory study**, *Implementation Science*, 4, p. 66.
29. Laws, RA, Jayasinghe, U, Harris, MF, Williams, AM, et al, 2009, **Explaining the variation in the management of lifestyle risk factors in primary health care: A multilevel cross sectional study**, *BMC Public Health*, 9, p. 165.
30. Liaw, ST, & Petersen, G 2009, **Doctor and Pharmacist-back to the apothecary**, *Australian Health Review*, 33, pp. 268-278.
31. Lloyd, JE, Wise, M, Weeramanthri, T, & Nugus, PI 2009, **The influence of professional values on the implementation of Aboriginal health policy**, *Journal of Health Services Research and Policy*, 14, pp. 6-12.
32. Marshall, MJ, Bucks, RS, Hogan, AM, Hambleton, IR, et al, 2009, **Auto- adjusting positive airway pressure in children with sickle cell anemia: results of a phase I randomized controlled trial**, *Haematologica - the Hematology Journal*, 94, pp. 1006-1010.
33. Mathias, K, & Harris-Roxas, BF 2009, **Process and Impact Evaluation of the Greater Christchurch Urban Development Strategy Health Impact Assessment**, *BMC Public Health*, 9, 97.

34. McDonald, J, Powell Davies, PG, & Harris, MF 2009, **Interorganisational and interprofessional partnership approaches to achieve more coordinated and integrated primary and community health services: the Australian experience**, *Australian Journal of Primary Health*, 2009, pp. 262-269.
35. Powell Davies, PG, Perkins, D, McDonald, J, & Williams, AM 2009, **Integrated primary health care in Australia**, *International Journal of Integrated Care*, 14 October 2009.
36. Proudfoot, J, Bubner, T, Amoroso, C, Swan, EB, et al, 2009, **Chronic Care Team Profile: A brief tool to measure the structure and function of chronic care teams in general practice**, *Journal of Evaluation in Clinical Practice*, 15, pp. 692-698.
37. Rose, VK, Harris, MF, Ho, MT, & Jayasinghe, U 2009, **A better model of diabetes self-management? Interactions between GP communication and patient self-efficacy in self-monitoring of blood glucose**, *Patient Education and Counseling*, 77, pp. 260-265.
38. Sainsbury, H 2009, **Personal reflections of a project officer: working with Gudaga**, *Aboriginal and Islander Health Worker Journal*, 33, pp. 4-5.
39. Taggart, J, Schwartz, A, Harris, MF, Perkins, DA, et al, 2009, **Facilitating teamwork in general practice: moving from theory to practice**, *Australian Journal of Primary Health*, 15, pp. 24-28.
40. Tang, GW, Dennis, SM, Comino, EJ, & Zwar, NA 2009, **Anxiety and depression in Chinese patients attending an Australian GP clinic**, *Australian Family Physician*, 38, pp. 552-555.
41. Wan, Q, Harris, MF, Zwar, NA, Campbell, TJ, et al, 2009, **Study protocol for a randomized controlled trial: The feasibility and impact of cardiovascular absolute risk assessment in Australian general practice**, *American Heart Journal*, 157, pp. 436-441.
42. Wise, M 2009, **Towards equity as core business for policy makers and practitioners [editorial]**, *Health Promotion Journal of Australia*, 20, pp. 164-165.
43. Wise, M, Harris, PJ, Harris-Roxas, BF, & Harris, E 2009, **The role of health impact assessment in promoting population health and health equity**, *Health Promotion Journal of Australia*, 20, pp. 172-179.
44. Zwar, NA, Richmond, RL, Davidson, D, & Hasan, I 2009, **Postgraduate education for doctors in smoking cessation**, *Drug and Alcohol Review*, 28, pp. 466-473.

In press

1. Comino, E, Craig, P, Harris, E, McDermott, D, Harris, MF, Henry, R, Jackson Pulver, L, Kemp, LA, Knight, J 2009. **The Gudaga Study: establishing an Aboriginal birth cohort in an urban community**. *Australian and New Zealand Journal of Public Health*.
2. Sulaiman, N, Barton, C, Liaw, ST, Harris, C, Sawyer, S, Abramson, M, Dharmage, S 2009. **Do small group workshops and locally adapted guidelines improve asthma patient's health outcomes? A randomised controlled trial**. *Family Practice*.
3. Taggart, J, Chan, B, Jayasinghe, U, Christl, B, Proudfoot, J, Crookes, P, Beilby J, Black D, Harris MF 2009. **Patient's assessment of chronic illness care (PACIC) in two Australian studies: Structure and utility**. *Journal of Evaluation in Clinical Practice*.
4. Yang, SC, Zwar, N, Vagholkar, S, Dennis, SM, Redmond, H 2009. **Factors Influencing General Practice Follow Up Attendances of Patients with Complex Medical Problems After Hospitalisation**. *Family Practice*.

Reports

1. Australian Indigenous Doctors' Association and Centre for Health Equity Training, Research and Evaluation, University of New South Wales. **Health Impact Assessment of the Northern Territory Emergency Response**. Canberra: Australian Indigenous Doctors' Association, 2010.
2. Bhatia, R, Farhang, L, Gaydos, M, Gilhuly, K, Harris-Roxas, B, Heller, J, Lee, M, McLaughlin, J, Orenstein, M, Seto, E, St-Pierre, L, Tamburrini, A, Wernham, A, Wier, M 2009. **Practice Standards for Health Impact Assessment (Version 1)**. Oakland CA: North American HIA Practice Standards Working Group.
3. Christl, B, Harris P, Wise, M, 2009. **A review of the evidence of the impact of public transport on population health in Australia**. Centre for Health Equity Training, Research and Evaluation, UNSW, Australia.
4. Harris, MF, 2009. **The role of primary health care in preventing the onset of chronic disease, with a particular focus on the lifestyle risk factors of obesity, tobacco and alcohol**. Commissioned Paper for National Preventative Health Task Force.

-
5. Jones, A, Harris-Roxas, B, 2009. **The Impact of School Retention and Educational Outcomes on the Health and Wellbeing of Indigenous Students: A literature review**, Sydney. Centre for Health Equity Training Research and Evaluation (CHETRE) UNSW.

Conference Presentations

Invited/Keynote

1. Harris, PJ **'Equity and health impact assessment: lessons from practice [Invited]'**, *HIA2008: South East Asia and Oceania Regional Health Impact Assessment Conference*, Chiang Mai, Thailand, 24-26 April 2009.
2. Harris, PJ **'Health Impact Assessment [Invited]'**, *Northern Territory Department of Health and Families (DHF) Health Promotion Forum - Promoting Equal Health Outcomes through Health Promotion*, Darwin, NT, 11 June, 2009.
3. Harris-Roxas, BF **'Evaluation of Health Impact Assessments [Invited Plenary]'**, *2nd New Zealand Health Impact Assessment Practitioner Workshop*, Auckland, 23 March 2009.
4. McKean T, Mokak R, Marilyn Wise M. **Health Impact Assessment of the Northern Territory Emergency Response**. Dr Australian Indigenous Doctors' Association, Annual Symposium. Healing Our Way: Aboriginal and Torres Strait Islander Health and Wellbeing Symposium. 3 October 2009.
4. Chan, BC, Harris, MF, Wan, Q, Daniel, C, & et al **'Finding common grounds - an intervention to facilitate teamwork in General Practices'**, *2009 General Practice and Primary Health Care Research Conference*, Melbourne, 15-17 July 2009.
5. Comino, EJ, Knight, J, Anderson, CJ, Jackson Pulver, L, et al, **'The Gudaga Project: describing health and development of Aboriginal infants at 12 months'**, *2009 General Practice and Primary Health Care Research Conference*, Melbourne, 15-17 July 2009.
6. Comino, EJ, Krastev, Y, Christl, B, Haas, M, et al **'Access to best practice primary health care for older Australians with diabetes'**, *2009 General Practice and Primary Health Care Research Conference*, Melbourne, 15-17 July 2009.
7. Comino, EJ, Christl, B, Krastev, Y, Powell Davies, PG, et al **'Optimising access to `best practice` primary health care'**, *2009 Health Services and Policy Research Conference Reforming, Responding, Rewarding: 6th Health Service and Policy Research Conference*, Brisbane, Australia, 25-27 November 2009.
8. Comino, EJ, Knight, J, Anderson, CJ, & Webster, VK **'The Gudaga Project: responding to the health service needs of Aboriginal infants'**, *2009 Health Services and Policy Research Conference Reforming, Responding, Rewarding: 6th Health Service and Policy Research Conference*, Brisbane, Australia, 25-27 November 2009.
9. Comino, EJ, Harris, E, Jackson Pulver, L, Harris, MF, et al **'The Gudaga Study: the birth outcomes of Aboriginal infants in an urban community'**, *18th AEA Annual Scientific Meeting "Epidemiology for All"*, Dunedin, New Zealand, 30 August to 1 September 2009.

Other

1. Proffered paper Australian Indigenous Doctors Association, Community representatives, Northern Territory and CHETRE: **Health Impact Assessment as an advocacy instrument**. HIA '09 On The Move: an international conference. Rotterdam, The Netherlands. October 2009.
2. Bennett, B, McDonald, JL, Comino, EJ, Knight, J et al, **'Use of the Griffiths Mental Development Scales to assess development in urban Aboriginal infants'**, *RACP Physicians Week 2009*, Sydney Convention & Exhibition Centre, 17-20 May, 2009.
3. Chan, BC **'Managing anxiety and stress in cultural encounters-Assertive communication in multicultural Australia'**, *World Federation for Mental Health 2009 Congress*, Athens, Greece, 2-7 September 2009.
10. Craig, PL, Knight, J, Comino, EJ, & Jackson Pulver, L **'Breastfeeding in an urban indigenous population preliminary findings from the Gudaga Study'**, *Dieticians Association of Australia 27th National Conference*, Darwin, 28-30 May 2009.
11. Denney-Wilson, E, & Harris, MF **'Do patients respond to weight management advice from their GP: associations between GP advice and BMI in adults?'**, *Australia New Zealand Obesity Society*, Melbourne, October 2009
12. Denney-Wilson, E, & Harris, MF **'Routine weight management practices of general practitioners: assessment, management and referral'**, *Australia and New Zealand Obesity Society*, Melbourne, October 2009.

13. Dennis, SM, Williams, AM, & Harris, MF **'What are the linkages between self-management programs and primary care providers?'**, *2009 General Practice and Primary Health Care Research Conference*, Melbourne, 15-17 July 2009.
14. Eames-Brown, R, Laws, RA, Williams, AM, Powell Davies, PG, & et al, **'The provision of lifestyle risk factor management by community nurses - what do nurses and their clients think?'**, *Health in Transition, 4th International Conference on community health nursing research*, Adelaide, 2009.
15. Fanaian, M, Harris, MF, & Lyle, D **'GPs Assessment and management for lifestyle risk factors in rural and urban general practices in Australia'**, *GP-PHC*, Melbourne, 15-17 July 2009.
16. Gavlak J, Marshall MJ, Trompeter S, Laverty A, et al **'Sleep-related breathing disorders in sickle cell disease'**, *SLEEP 2009 23rd Annual Meeting of the Associated Professional Sleep Societies, LLC.*, Seattle, June 6th -10th 2009.
17. Harley, A, Burns, P, Zwar, NA, Perkins, D, & et al **'A NSW Division of General Practice Evaluation of Better Outcomes and Better Access in Mental Health Care'**, *2009 General Practice and Primary Health Care Research Conference*, Melbourne, 15-17 July 2009.
18. Harris, E **'Changing understandings of Australian Urban Aboriginal Infant Health'**, *5th International Conference of the International Society for Equity in Health - 'Social and Societal Influences on Equity in Health'*, Crete, 9 -11 June 2009.
19. Harris, E **'Health Impact Assessment (HIA): A mechanism for the development of Healthy Public Policy [Workshop]'**, *5th International Conference of the International Society for Equity in Health - 'Social and Societal Influences on Equity in Health'*, Crete, 9 -11 June 2009.
20. Harris, E **'Making the most of what you have'**, *South Eastern Sydney and Illawarra Area Health Services Division of Population Health Annual Conference*, Kiama, 2 December 2009,
21. Harris, E **'Prevention across the lifecycle: a focus on community intervention'**, *Centre for Primary Health Care and Equity Annual Forum*, UNSW Kensington, 18 August 2009.
22. Harris, E, & Harris, MF **'Unemployment and health in primary health care'**, *5th International Conference of the International Society for Equity in Health - 'Social and Societal Influences on Equity in Health'*, Crete, 9 -11 June 2009.
23. Harris, MF **'Guidelines for Preventive Activities in General Practice'**, *Royal Australian College of General Practitioners 52nd Gold Coast Clinical Update Weekend*, Gold Coast, 2 May 2009.
24. Harris, MF **'The 45-49 year health check: your role in preventing chronic disease'**, *PNCE*, Sydney, 23 May 2009.
25. Harris, MF **'Life after cancer: what your patients want to know'**, *General Practitioner Conference and Exhibition (GPCE)*, Sydney, 22-24 May 2009.
26. Harris, MF **'Health Check and Preventive care in Australia'**, *European Forum for Evidence Based Prevention (EUFEB)*, Baden, Austria, 24-26 June 2009.
27. Harris, MF, Williams, AM, Taggart, J, Dennis, SM, et al **'Effective determinants for supporting lifestyle health literacy and self management skills in primary health care'**, *2009 Health Services and Policy Research Conference Reforming, Responding, Rewarding: 6th Health Service and Policy Research Conference*, Brisbane, Australia, 25-27 November 2009.
28. Harris, MF, Zwar, NA, Dennis, SM, Taggart, J, & et al, **'Driving change in chronic disease management: team working in general practice'**, *2009 General Practice and Primary Health Care Research Conference*, Melbourne, 15-17 July 2009.
29. Harris, PJ, Harris-Roxas, B, Harris, E, & Wise, M **'Equity-focused health impact assessment: lessons from practice'**, *HIA '09: The 10th International Health Impact Assessment Conference - 'On the Move'*, Rotterdam, The Netherlands, 14-16 October 2009
30. Harris, PJ **'HIA in the Asia Pacific Region'**, *Centre for Primary Health Care and Equity Annual Forum*, UNSW Kensington, 18 August 2009.
31. Harris-Roxas, BF **'Evaluating Health Impact Assessments: Lessons and challenges'**, *Robert Wood Johnson Foundation*, Princeton NJ, USA, 14 December 2009
32. Harris-Roxas, BF **'HIA Globally'**, *Centre for Primary Health Care and Equity Annual Forum*, UNSW Kensington, 18 August 2009.
33. Harris-Roxas, BF **'Health Impact Assessment and Web 2.0'**, *Robert Wood Johnson Foundation*, Princeton NJ, USA, 14 December 2009.
34. Harris-Roxas, BF **'Health Impact Assessment: The State of the Field or Are we ready for the unanticipated impacts of success?: An Australian Perspective'**, *School of Public Health, University of California, Berkeley*, Berkeley, Calif., 11 December 2009.

35. Harris-Roxas, BF, Bazeley, P, & Kemp, LA **'Impact Evaluation of Three Health Equity Impact Assessments'**, *HIA'09: The 10th International Health Impact Assessment Conference - 'On the Move'*, Rotterdam, The Netherlands, 14-16 October 2009.
36. Ho, YM, Webster, VK, Comino, EJ, McDonald, J, & et al **'A case control study of hospital presentations by urban Aboriginal infants up to 12 months of age'**, *18th AEA Annual Scientific Meeting "Epidemiology for All"*, Dunedin, New Zealand, 30 August to 1 September 2009.
37. Kemp, LA **'Prevention in early childhood'**, *Centre for Primary Health Care and Equity Annual Forum*, UNSW Kensington, 18 August 2009,
38. Kemp, LA **'Who is providing preventive care for young children?'**, *2009 General Practice and Primary Health Care Research Conference*, Melbourne, 15-17 July 2009.
39. Kirby, SE, Dennis, SM, & Harris, MF **'Supporting patients to manage chronic disease: are patient perception the key?'** *2009 General Practice and Primary Health Care Research Conference*, Melbourne, 15-17 July 2009.
40. Knight, J **'Minimising attrition: incentives & retention - The Gudaga experience'**, *Maximising the Value of Longitudinal Studies for Policy and Science: Methodological and Analysis Issues - Workshop and Networking Dinner*, Dickson, ACT, 12-13 November 2009.
41. Knight, J, Webster, VK, & Comino, EJ **'The Gudaga Project'**, *Maximising the Value of Longitudinal Studies for Policy and Science: Methodological and Analysis Issues - Workshop and Networking Dinner*, Dickson, ACT, 12-13 November 2009.
42. Krastev, Y, Comino, EJ, Christl, B, Haas, M, et al, **'Optimising access to best practice primary health care'**, *2009 General Practice and Primary Health Care Research Conference*, Melbourne, 15-17 July 2009.
43. Laws, RA, Harris, MF, Kemp, LA, Williams, AM, & et al **'Should I, can I and is it worth it? A theoretical model of factors influencing the management of lifestyle risk factors in community health'**, *Health in Transition, 4th International Conference on community health nursing research*, Adelaide, 2009.
44. Marshall M, Gavalak, J, Laverty A, Lane R, et al **'Sleep disordered breathing and sickle cell anaemia in a London cohort'**, *SLEEP 2009 23rd Annual Meeting of the Associated Professional Sleep Societies, LLC.*, Seattle, June 6th -10th 2009.
45. Marshall MJ, Dawson, ADG, & Bucks RS **'Are questionnaires a useful supplement to medical examinations or not worth the paper they are written on? '**, *Australasian Sleep Association and Australasian Sleep Technologies Association 21st Annual Scientific Meeting*, Melbourne, 8th-10th October 2009.
46. Marshall MJ, Dawson, ADG, & Bucks RS **'Killer IN THE CAB?'** *Australasian Sleep Association and Australasian Sleep Technologies Association 21st Annual Scientific Meeting*, Melbourne, 8th-10th October 2009.
47. McDonald, JL, Knight, J, Comino, EJ, & Webster, VK **'The Gudaga Project: developmental progress of Aboriginal infants at 12 months - predictive factors'**, *Association for Research in Infant and Child Development, 11th International Scientific Meeting, 'Developmental Disabilities: Partnerships in Practice'*, Sydney Childrens Hospital, Randwick, Australia, 22 May, 2009.
48. McDonald, JL, Comino, EJ, Knight, J, & Webster, VK **'The Gudaga Study: predictive factors for developmental progress in urban Aboriginal infants'**, *RACP Physicians Week 2009*, Sydney Convention & Exhibition Centre, 17-20 May 2009.
49. Mehmet, S, Burns, P, Dennis, SM, Zwar, NA, et al, **'An Evaluation of Services Provided by a NSW Primary Health Care Research Network'**, *2009 General Practice and Primary Health Care Research Conference*, Melbourne, 15-17 July 2009.
50. Mehmet, S, Dennis, SM, Burns, P, Marshall, M J, et al **'Evolution of Primary Care Researchers'**, *2009 General Practice and Primary Health Care Research Conference*, Melbourne, 15-17 July 2009.
51. Morris, J, Perkins, D, Lyle, D, Boreland, F, **'The Researcher Development Program: an investigation of participant experiences in NSW and ACT 2005-2007'**, *2009 General Practice and Primary Health Care Research Conference*, Melbourne, 15-17 July 2009.
52. Robinson, P, Forbes, A, Webster, VK, & Comino, EJ **'Risk factors for late antenatal care'**, *18th AEA Annual Scientific Meeting "Epidemiology for All"*, Dunedin, New Zealand, 30 August to 1 September 2009.
53. Vagholkar, S, Zwar, NA, Harris, MF, & Wan, Q **'Absolute risk assessment and impact on prescribing'**, *Heart Foundation Conference 2009 Hearts in Focus: Celebration, Collaboration and Challenges*, Brisbane, 14-16 May 2009.

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54. Vagholkar, S, Zwar, NA, & Harris, MF **'Cardiovascular absolute risk assessment and impact on prescribing'**, *GP'09 - A doctor for all seasons*, Perth, 1-4 October 2009.
 55. Wade, V, Knight, J, & Comino, EJ **'The Gudaga Project: helping to building strong kids in south west Sydney'**, *2nd National Aboriginal & Torres Strait Islander Family and Community Strengths Conference: Strong Stories, Strong Mob, Strong Kids: Growing Up Together*, University of Newcastle, 1 - 3 December 2009
 56. Wise, M, Harris-Roxas, BF, & Kemp, LA **'HIA at the Crossroads: An Australian Perspective'**, *HIA2008: South East Asia and Oceania Regional Health Impact Assessment Conference*, Chiang Mai, Thailand, 24-26 April 2009.
 57. Wise, M, Harris-Roxas, BF, Harris, PJ, Gunning, C et al **'Health Impact Assessment: From the Global to the Local'**, *Centre for Primary Health Care and Equity Annual Forum*, UNSW Kensington, 18 August 2009.
 58. Wise, M. **Health Impact Assessment as an advocacy instrument**. *HIA '09 On The Move: an international conference*. Rotterdam, The Netherlands. October 2009.
 59. Wise M, Harris-Roxas B, Harris P, Harris E, Kemp L. **Why equity-focused Health Impact Assessment?** Victorian Senior Managers, Public Health, Department of Human Services, Melbourne, August 2009.

Posters

1. Harris, MF, Spigelman, AD, O'Connell, DL, Barton, MB, et al **'Colorectal cancer: Mapping the referral pathway with data linkage and quantitative research methods'**, *2009 General Practice and Primary Health Care Research Conference*, Melbourne, 15-17 July 2009.
2. Ho, YM, McDonald, JL, Comino, EJ, & Knight, J **'Comparison of hospitalisation and Emergency Department presentation rates of urban Aboriginal and non-Aboriginal infants'**, *RACP Physicians Week 2009*, Sydney Convention & Exhibition Centre, 17-20 May 2009.

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¹ Replaced Professor Nicholas Zwar in 2009, who is now Professor of General Practice at the School of Public Health and Community Medicine
