UNSW
THE UNIVERSITY OF NEW SOUTH WALES

UNSW Research Centre for Primary Health Care and Equity

Annual Report 2010

Never Stand Still | Faculty of Medicine | Centre for Primary Health Care and Equity

Acknowledgments

The work of the Centre depends upon the engagement, support and goodwill of many different people and organisations.

At the front line, there are the researchers and all those individuals and organisations that take part in or contribute to our research. Without them there would be no Centre and no research.

These are supported by a small group of administrative staff, who assist a very varied set of research projects and manage the links with the University systems. We recognise the support from staff from the Grants Management Office and other support services for their assistance.

As ever, we work closely with the School of Public Health and Community Medicine. We thank the Head of School, Professor Raina MacIntyre and the staff who have worked with us as collaborators and co-investigators, and note that two of our Directors, Professors Nick Zwar and Teng Liaw are part of the School. We also thank the Faculty of Medicine for their support.

We continue to receive invaluable advice and support from the Management Board and Advisory Committee. We are grateful to 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.

Beyond the university we have strong links with many health and health related organisations including Divisions of General Practice and Area Health Services, local government and non-government organisations. In 2010 we continued to have a particularly strong relationship with the South Western Sydney Area Health Service, and look forward to working closely with the Local Health Districts in 2011.

The Centre received funding support from NSW Health through a Capacity Building Infrastructure Grant, the Department of Health and Ageing for the Research Capacity Building Program. The Ingham Health Research Institute provided infrastructure funding for CHETRE and the General Practice Unit in Fairfield.

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Background

This report presents the work of the UNSW Research Centre for Primary Health Care and Equity (CPHCE) in 2010. The Centre operates from three locations: on campus at Randwick, at the Centre for Health Equity Training, Research and Evaluation (CHETRE) based in Liverpool and at the General Practice Unit at Fairfield Hospital.

We undertake research that strengthens primary health care and addresses health inequalities and the social determinants of health. This involves work in three broad areas:

- 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, funded by the Department of Health and Ageing.

We work at national, state and local levels, and collaborate with international partners. This enables us to look at system wide issues in an international context, and at the same time research their impact at a community level. This range of activity has assisted us to contribute to national health reforms at system, service and practitioner levels.

The Centre grew out of work in south western Sydney in the mid 1990s, and became a recognised UNSW research centre in 2005. The management team is led by the Executive Director, Mark Harris. The directors in 2010 were Gawaine Powell Davies (CEO), Elizabeth Harris, Lynn Kemp, Nicholas Zwar, and Teng Liaw. We had 48 staff in 2010, (33 full time equivalents as at November 2010), and 15 PhD students

The work of the Centre is overseen by a Management Board, chaired by Professor Terry Campbell. There is also an Advisory Committee, chaired by Emeritus Professor Ian Webster, which 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 Management Board and Advisory Committee.

Management Board and Advisory Committee

2010 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 9th March, 16th June and 9th November 2010.

2010 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 15th June and 1st December 2010.

Message from the Chair of the Management Board

Terry Campbell

It is with great pride and pleasure that I reflect on the many successes of 2010 which has been a wonderful year for the Centre.

Starting at the top, Professor Mark Harris has had an outstanding year. Following on from his very prestigious Life Fellowship of the RACGP, which I reported in my last annual message, Mark has been given the Charles Bridges-Webb award from the Australian Association for Academic Primary Care for contributions to academic general practice and also the 2010 Refugee Week Health Humanitarian Award for his work with asylum seekers. In addition, Mark has capped these successes by being awarded an intensely competitive Senior Principal Research Fellowship of the NHMRC. This is an extremely high honour and very difficult to attain even for those who have spent many years working their way through the NHMRC Fellowship scheme. For someone to do what Mark has done and come in at the top level at this stage of his career is an outstanding achievement and a powerful illustration of the high esteem in which he is held within the national and international research community. Congratulations to Mark.

It is with some sadness that I note Liz Harris' retirement as Director of CHETRE at the end of 2010. Liz's contributions to the Centre in general and to CHETRE in particular, are well known to you all and her work and contributions of course continue. She remains very active in the Centre but I very much wish to take this occasion to formally pay tribute to the wonderful work she has done for us over so many years.

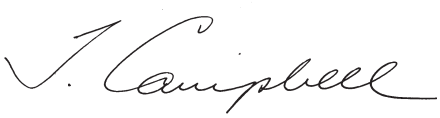
On that note, the MECSH Early Childhood Home Visiting Program, which of course grew out of the work of CHETRE and is now very ably carried on by Lynn Kemp, is attracting huge attention, both within Australia and internationally, particularly in the UK, where a number of health authorities are looking at taking up the methodology that Liz, Lynn and others have pioneered over a number of years. This is a singular honour for them and for the Centre. International interest also continues in the Health Impact Assessment Program , with the centre being awarded the Centre the International Impact Assessment Association's Institutional Award for excellence in capacity-building in 2010,

An important new milestone for the Centre has been the founding of Primary Health Care Research Unit to support primary health care research in South Western Sydney, working with the Local Health Network and the Division. This is supported by infrastructure funding through our collaboration with the Ingham Health Research Institute, a joint enterprise involving both UWS and UNSW.

As Mark Harris has noted in his own report, CPHCE continued its remarkable success in Category 1 and other funding through 2010, and I congratulate those involved on this excellent work, as well as on the continuing high output of top quality peer reviewed publications, books and PhD's. Mentoring of and supervision of honours students and PhD students is a very important investment in the future of the Centre and we have had remarkable success with this in recent years.

The outcomes of the Centre's research continued to inform national and state health policy. Apart from some of the programs already mentioned, recent NHMRC funded work around evidence and tools for best practice in cardiovascular risk identification and lowering in general practice is very much worth noting. Local, state, national and international collaborations and works continue to be developed and in many ways form one of the most important aspects of the work of the Centre. I have no doubt that many of these will prove to among the more enduring legacies of the Centre in years to come.

Finally I would like to express my personal thanks to the members of the Advisory Board, to Mark Harris and to Gawaine Powell Davies for their stellar work throughout the year.



Professor Terry Campbell
Chair, Management board

Message from the Chair of the Advisory Committee

Ian Webster

The policies for the delivery of health services at a national level are moving inexorably towards primary health care as the fulcrum for healthcare networks.

In the Executive Director's report, Professor Mark Harris outlines the Centre's achievements. These are especially relevant to the changing environment: new Medicare Locals and the prevention and management of chronic disease. The Centre's research continues to inform Commonwealth and State Governments and regional health authorities on the evidence of what works in primary health care and, notably, how investing in community development is the best way to improve the outcomes for disadvantaged children.

As medical graduates and other health professionals begin to work in teams - using information technology, new pharmacological and surgical interventions – new styles of working and professional relationships are being explored. Coordination, teamwork and communication have become even more important in frontline problem-solving. The May Federal Budget allocated $3.5 billion to healthcare involving a large investment in mental health of $2.2 billion. What is notable about these investments is that much of the delivery will be through primary health care.

The June letter to faculty members of the NSW/ACT RACGP from the chair, Dr. Liz Marles, said of general practice, "……we are able to tailor our treatment to the individual taking into account the context of their life and their other co-morbidities. It is a unique and privileged position that allows us to diagnose accurately, and treat our patients effectively and efficiently in a way that is very difficult for any practitioner whose expertise is restricted to a particular part of the body." These sentiments, familiar to generations of medical students, have to be restated in the current ferment of hospital and health reforms. There is a greater need than ever for a single point where clinical problems can be framed and sorted out; at a time and place appropriate to the person and their community.

The Advisory Committee is proud to have contributed in a small way to the Centres' achievements. We appreciate the leadership of Professors Terry Campbell and Mark Harris and Associate Professor Gawaine Powell Davies. We acknowledge the leadership of all the senior researchers and we are impressed by the enthusiasms of the new and aspiring researchers attracted to work in the Centre.

We specially acknowledge and appreciate Liz Harris' leadership. Liz started the Centre for Health Equity Training and Evaluation at Liverpool in south west Sydney. Her roles as a teacher, trainer, researcher and thinker have built a strong evidence base for interventions to improve the health and well-being of lower socio-economic communities. These efforts have required an enduring strength of mission, tempered by humility, and the development of trusting relationships with people who otherwise have good reason to be suspicious of 'do-gooders'.

The Advisory Committee endorses the appreciation of Professors Terry Campbell and Mark Harris for the support and encouragement of external funding bodies, to the University, to the Faculty of Medicine and to the School of Public Health and Community Medicine.

Emeritus Professor Ian W Webster AO
Chair, Advisory Committee

Message from the Executive Director

Mark Harris

2010 was another busy year in which the Centre completed a number of major research projects . The HIPS study was a large trial of a lifestyle intervention to prevent chronic vascular disease in general practice was concluded. The evaluation trial of the Moving On self management program, the Cancer Pathways study and the Cardiovascular Absolute Risk Assessment projects completed data collection and will be completed by mid 2011. Since completing these studies we have been busy analysing and publishing papers from these major studies. The Gudaga cohort of Aboriginal infants is reaching five years and applications are being made to follow them into school. The Miller Early Childhood Home Visiting Trial (MESCH) continues but its findings from the first three years are being actively taken up by NSW Health across NSW. The "Bullindidi Gudaga" trial which applies the MESCH intervention with Aboriginal children commenced.

We commenced a number of studies including a large NHMRC partnership project on the implementation of guidelines for the prevention of chronic vascular disease in general practice together with the Royal Australian College of General Practitioners, National Heart Foundation and BUPA Foundation. We are also partners in large evaluation of the NSW Health Severe Chronic Illness Program with the George Institute and Centre for Health Economic Research Evaluation (CHERE). The Primary Health Care Research Unit commenced operations in South West Sydney and the project electronically linking practices involved in the PHReNet practice based research network has begun.

We continued to receive competitive research funding including $1.5 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 $500,000 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 43 papers in peer reviewed journals, 7 chapters and a book, and our large group (15) of research students is progressing well, with two submitting their PhD theses. We have also continued to supervise 7 medical students undertaking Honours or Independent Learning Projects (ILP) with the Centre.

Our research has informed health government policy at state and national levels especially health reform. As the move to establish Medicare Locals in place of Division of General Practice our research at this level becomes more important. 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 continued to develop innovative research methodologies including social network analysis. 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). Our ARC funded research project to evaluate the effectiveness of HIAs in Australia and New Zealand has begun well. Our work was recognised by an International Association of Impact Assessment (IAIA) award early in 2010.

We have a broad range of partnerships with other researchers, policymakers, practitioners, local communities and consumers. During 2010, staff visited a number of international researchers including Grant Russel from Monash University, Anne Rogers from the National Primary Health Care Research Centre at Manchester University and . We conducted successful workshops with visiting fellows, including. We were also visited by researchers from Nanchang University in China and a delegation from Korea.

Looking Forward

In 2011 and beyond we will continue to develop:

- our health services research and translate this into policy and practice as the primary health care reform agenda is implemented over the next few years
- 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 to 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

2010 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
NHMRC PhD Scholarship	Patrick Harris
NHMRC PhD Scholarship	Ben Harris-Roxas
NHMRC PhD Scholarship	Julie McDonald
NHMRC Dora Lush Priority Postgraduate Scholarship	Anna Williams
NHMRC PhD Scholarship	Siggi Zapart

2010 Research projects and programs

Our 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 of these has a number of sub-programs. We also have a research capacity building program, the UNSW Primary Health Care Research Capacity Building Initiative (RCBI), which is funded by the Australian Government as a part of the National Primary Health Care Research, Evaluation and Development Strategy, and host the NSW State Collaboration of the RCBI.

This section describes of research projects current during 2010. 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 is 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

Our work on the prevention and management of chronic disease in primary health care continues to inform health policy and practice. Our work includes knowledge synthesis, descriptive studies and intervention studies evaluating the application of elements of the Chronic Care Model to prevention and management in PHC practice especially self management, teamwork, decision support and shared decision making between patients and providers. We continue to develop and evaluate theories and frameworks for prevention and organisational change in PHC and methodologies including developing and validating instruments. 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 focuses on improving the quality of care for a range of chronic disease in general practice including diabetes, chronic respiratory disease and cardiovascular disease and co-morbidities among these conditions and with mental illness.

Our research focuses on improving the quality of care for a range of chronic disease in general practice including diabetes, chronic respiratory disease and cardiovascular disease and co-morbidities among these conditions and with mental illness.

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 evaluated 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. Data collection and analysis has been completed and papers are in progress.

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. This trial was conducted in Western and Northern Sydney. Participants were randomised to attend the Moving On program or a control physical activity program.

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.

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.

Advance Care Planning in Australian primary care

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

This study is exploring with key stakeholders, general practitioners and patients how Advance Care Planning is currently conceptualised and implemented. Various ethical, legal and other theoretical frameworks that have traditionally guided the development and implementation of programs of Advanced Care Planning will be analysed to examine whether they are consistent with the expectations and views of patients, carers, families and GPs in Australia. This will provide the basis for the development of a more appropriate model of Advanced Care Planning in the Australian primary care setting that is grounded in the expectations, needs and views of the patients, carers, family members and GPs, while also remaining acceptable to other health professionals and external stakeholders.

**Marumali Evaluation: Aboriginal Community Health Brokerage Service*

Research Team: **Nicholas Zwar,** Sarah Dennis, Iqbal Hasan, Lisa Jackson Pulver (Muru Murri, UNSW), Ian Wilson (UWS).

This study involves analysis of service data, qualitative interviews with users of Marumali service and questionnaires via local Aboriginal land councils. The project was completed and a report prepared and presented to local Aboriginal organizations and Divisions of General Practice

Secondary analysis of data from Commonwealth Fund survey (Australian Commission on Safety and Quality in Health Care)

Research Team: **Mark Harris**, Mahnaz Fanaian, Upali Jayasinghe, Siaw-Teng Liaw, Meredith Makeham (School of Public Health and Community Medicine), Gawaine Powell Davies, Nicholas Zwar.

The Commission on Safety and Quality in Health Care commissioned CPHCE undertake a secondary analysis of data from a Commonwealth Fund international study of quality and safety in primary care in nine countries, for which the Commission had led the Australian arm. One paper has been submitted, and three others are in preparation.

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. Publication from the study continued in 2010. It has influenced government and RACGP in relation to teamwork in general practice and the role of practice nurses in chronic disease management.

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. Data collection is complete and analysis is due for completion early in 2011. 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 this cultural respect program with a cluster controlled clinical trial in Sydney and Melbourne in 2011-2.

A cluster randomised trial of early intervention for Chronic Obstructive Pulmonary Disease by practice nurse - GP teams (NHMRC)

Research Team: **Nicholas Zwar**, Jeremy Bunker, Alan Crockett (University of Adelaide), Sarah Dennis, Sandy Middleton (Australian Catholic University, Helen Reddel (Woolcock Institute, University of Sydney), Onno van Schayck (Maastricht University), Sanjyot Vagholkar.

This cluster randomized controlled trial is being implemented in 50 general practices. Practice recruitment has occurred in Sutherland, St George, Macarthur, Liverpool, Fairfield, Southern Highlands and Wentwest. Initial education workshops for practice nurses have been held and patient recruitment has commenced.

Shifting ground, common ground. Understanding the evolving care practice. Inter-country comparative study Canada USA and Australia (Canadian Institute for Health Research)

Research Team: **William Hogg** (University of Ottawa), Ben Crabtree (University of New Jersey), Jane Gunn (Melbourne University), Mark Harris, Jean-Frederic Levesque (Université de Montréal), William Miller (Pennsylvania State University), Grant Russell (Monash University), Catherine Scott (Alberta health Services).

This inter-country comparative study draws on existing research studies that the investigators are conducting into team work in primary care.

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. This 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 quasi experimental study involves working with four community nursing teams to examine the effectiveness of brief interventions in promoting changes in SNAP risk factors. The project runs from 2009-2011. Community health nurses have been trained and patient recruitment is completed reaching a target of 350 in early intervention and 350 in late intervention sites. Follow up will continue until mid 2011.

**** 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 risk factor management in community health. This has provided important insights into strategies to improve such practices both at the service and policy level. The PhD was completed and awarded.

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 of a general practice based intervention on change in behavioural and physiological risk factors amongst patients at high risk of 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. Follow up and analysis has been completed, and three papers been published. A workshop is being developed for early 2011.

The feasibility and impact of cardiovascular absolute risk assessment in general practice (ART Study) (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 is being evaluated over 12 months. Patient follow up was completed in late 2010. Two papers have been published. Quantitative and qualitative analysis are proceeding and further publications are planned.

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 was 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.

Cardiovascular absolute risk assessment in general practice and impact on prescribing

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

This study in investigating the impact of absolute CV risk assessment on pharmacotherapy in general practice. It includes a pilot study conducted in 2008-09 together with analysis of pharmacotherapy data and qualitative interviews with GPs and patients involved in the ART Study.

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 described above. 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.

Implementing guidelines for chronic disease prevention in general practice (PEP) (NHMRC partnership grant)

Research Team: **MF Harris**, Yordanka Krastev, Bettina Christl, Chris del Mar (Bond University), John Litt (Flinders University), Danielle Mazza and Grant Russell (Monash University),Richard Taylor (School of Public Health and Community Medicine, UNSW), Mieke van Driel (Bond University), Nicholas Zwar.

This is a five year study of the implementation of guidelines for preventive care in general practice. Partners in the project include the RACGP, National Heart Foundation of Australia, the BUPA Foundation and Flinders, Monash and Bond Universities. Eight practices have been recruited and qualitative interviews with staff and stakeholders completed.

Primary Health Care System Development

This stream of research is concerned with understanding primary health care and how it can be strengthened, at service, network, regional and national level, particularly in the context of the current national health reforms.

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 underserved populations and those with complex care needs. Current reforms address this at service level through the SuperClinic program and through the development of Medicare Locals. It will be important to see how these reforms are implemented, and how successful they are in tackling the limitations of current primary health care.

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 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. In 2010 a total of 97 people participated in the various components of the program and an independent evaluation was conducted. The results were encouraging and are being used to further develop the program and extend its application to other PHC services, including Medicare locals and local Health Networks.

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 and workshops 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. The framework is currently being finalised and disseminated through workshops.

South West Sydney Primary and Community Health Research Unit (PCHRU)

Investigators: Elizabeth Comino, Katharine Moore (SWSAHS), Alison Derrett (SWSAHS), Maree Johnson (UWS), Siaw-Teng Liaw, Lynn Kemp, Matthew Jennings (SWSAHS), Gawaine Powell Davies, Rene Pennock (MDGP), Jennifer Reath (UWS), Sarah Dennis.

PCHRU has received infrastructure funding to establish a research unit in south west Sydney. The unit brings together three well established research groups and Community Health and general practice to build on strong existing networks. PCHRU aims to become one of the leading primary and community health (P&CH) research units in Australia, generating an evidence base for P&CH services and translating this evidence into policy and practice that will improve the health of the people of south western Sydney. The unit is providing research support and mentoring to projects generated within primary and community health services in the region. Long-term sustainability will be achieved through supporting successful research funding applications, and establishing networks that will facilitate a broader funding base

**Evaluation of the Australian Better Health Initiative Primary Care Integration Program (GP NSW)*

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

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 explored what the experience of the program showed about the current state of integration and options for integration in the future. The report was finalised and will be presented at the 2011 PHCRIS conference.

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

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

This involved a survey of general practices in Fairfield/Liverpool about their personal, professional and organizational readiness for integrated care and correlation of their records with Emergency

Department attendances by their patients. Despite a range of strategies, including a pre-protocol postcard and an intensive Dillman protocol enhanced by phone calls, only a 25% response rate was achieved. A complementary qualitative study of a cohort of patients with type 2 diabetes who presented to the Fairfield Emergency Department confirmed the prevailing fragmented care and the negative impacts on patients. Seven models reflecting patient perspectives were identified. A final report has been submitted to the funding body and papers are being developed.

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.

Access to Primary Health Care

One of the main aims of current health reforms is to ensure access to primary health care. Yet there is much that we do not know about how this occurs, particularly for people needing coordinated care over time or at social, economic, or cultural disadvantage. There is also much to learn about the impact of changes in policy and practice on how people access primary health care services.

The Access to Primary Health Care Program includes a number of projects studying patterns of care and the impact of primary health care on health status and health service utilisation, using 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. The study has been presented to key policy advisors. A number of papers are being prepared.

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, Duong (Danielle) Tran

This is a data linkage project, based on the CARDIAB Diabetes Register, maintained by Southern Highlands Division of General Practice. It explores the relationship between 'best practice' diabetes care, clinical indicators of control of diabetes symptoms in the general practice setting and presentation to hospital including hospitalisation and Emergency Department use. CARDIAB data for 2000-2005 were linked to the NSW Admitted Patient Data Collection, the NSW Register of Births, Deaths, and Marriages, and the Emergency Department Data Collection. Results of this study will contribute to the debate about the relationship between the quality of care in primary care setting and health outcomes such as hospitalisation.

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 is using 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 266,848 NSW residents. Data will be linked directly to Medicare data (Medical and Pharmaceutical Benefits Schemes) and through the NSW Centre for Health Record Linkage to Admitted Patient Data Collection, Emergency Department Data collection and Register of Births Deaths and Marriages. 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.

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 has been submitted for publication.

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 of residence, or family background, employment, income and level of education. We seek to better understand the causes of inequity and to contribute to the evidence of what can be done to reduce it.

There are three main program areas within this research theme:

- 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 Discovery Grant, NSW Health)

Research team: **Elizabeth Harris**, Lynn Kemp, Teresa Anderson (SSWAHS), 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. The last of the MECSH children started school in 2011, and we have gathered data from parents, teachers, and the children themselves about their experience of the transition to school. A doctoral candidate has been focussing on the children's experience, and further qualitative studies commenced in 2010, to gain greater understanding of the impact of the MECSH intervention on families' lives.

Implementing nurse home visiting programs: opportunities in Australia and England (APHCRI Travelling Fellowship)

Research team: **Lynn Kemp**

The Australian-developed Maternal Early Childhood Sustained Home-visiting (MECSH) program is a home visiting intervention and service system designed to enhance the capacity of universal services to respond to the needs of a broad range of vulnerable families, improving population reach of nurse home visiting programs. This study explored the potential enablers and barriers to transferring MECSH to the English service system, and the opportunities for MECSH in Australia.

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), Francesca Garnett (ILP student), 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, Fakhra Maan, Jenny McDonald (SSWAHS), Sheryl Scharkie, Peter Smith (Faculty of Medicine, UNSW), Vicki Wade (SSWAHS), Vana Webster, John Widdup (RDP), 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**, Rebekah Grace, 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)..

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. In 2010 systems were developed to identify and recruit families for the intervention and ethics approvals were gained. The trial of the intervention will start in 2011.

Disadvantaged Communities and Populations

Some population groups such as Aboriginal people, the unemployed and refugees, and communities (many of the large public housing estates on the outskirts of Sydney) are at significant disadvantage in accessing health services and 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**, Vanessa Rose, Joan Silk.

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, was 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 form 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 were presented to the Community 2168 Management Committee in the form of an interactive workshop focused on long-term trends and implications for intervention.

Community 2168 research and training hub (Liverpool City Council, NSW Department of Community Services, SSWAHS)

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

Liverpool City Council, through the Community Builders fund, have funded the development of a research and training hub. The hub will provide opportunities for the local community, frontline service workers and students to develop skills and capacity in community development.

Working in locationally disadvantaged communities: learning by doing program)

Research Team: **Elizabeth Harris**, Vanessa Rose, Lynn Kemp, Joan Silk

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. The program was revised for 2010, and four projects were supported, in the areas of drug health, school-based intervention, women's social support and heart disease prevention for women. A review of the effectiveness of the program will be conducted in late 2010-2011.

Ten most disadvantaged suburbs in south west Sydney (SSWAHS)

Research Team: **Elizabeth Harris**, Rachael Cousins (Social Work student, University of Sydney), Michelle Maxwell (SSWAHS), Vanessa Rose, Peter Sainsbury (SSWAHS), Joan Silk.

This project involved 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. Gaps for health service and project intervention were identified.

Equity and Healthy Public Policy

Healthy public policy aims to minimise health risk, promote health and reduce health inequity in populations. Healthy public policy is an outcome of the inclusion of actions to improve and protect health and well-being (and equity) systematically and transparently in 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 contributing to the development of healthy public policy. HIA provides both a structure and a process that facilitate collaboration among health professionals and between the health and other sectors.

The effectiveness of Health Impact Assessments conducted in Australia and New Zealand (ARC Discovery Grant)

Research Team: **Elizabeth Harris,** Ben Harris-Roxas, Fran Baum (Flinders University), Andrew Dannenberg (Centres for Disease Control and Prevention, USA), Mark Harris, Helen Keleher (Monash University), Lynn Kemp, Richard Morgan (University of Otago), Harrison Ng Chok, Jeff Spickett (Curtin University of Technology), Decharut Sukkumnoed (Healthy Public Policy Foundation, Thailand), Arthur Wendel (Centres for Disease Control and Prevention, USA)

Health impact assessment (HIA) has been internationally recognised as one of a limited number of preventive interventions that can be used to strengthen the health benefits and health equity outcomes of policies, programs, and projects developed by the health and other sectors activities before they are implemented. The question of how effective HIA is in changing the decisions of policy makers (particularly in sectors other than health), and in influencing the implementation of healthy public policy remains largely unresolved however. This study is examining the effectiveness HIAs that have been completed in Australia and New Zealand between 2005 and 2009. The findings will guide the use of HIA by the public and private sectors in Australia and internationally, and improve HIA's ability to strengthen Australia's social and economic fabric.

Progress in implementing the NSW Health and Equity Statement in New South Wales 2004-2010 (NSW Health)

Research Team: **Marilyn Wise**, Elizabeth Harris, Michelle Maxwell (SSWAHS)

The NSW Health and Equity Statement, released in 2004, represented a significant commitment on the part of NSW Health and the Area Health Services to the implementation of a policy focusing, explicitly, on improving health equity. This review has described the actions that have been taken by the health sector to address the determinants of unfair inequalities in the health of the NSW population, and explore the extent to which equity has become part of the core business of the NSW health sector.

Protecting gains and strengthening action to achieve health equity in the population of the SWS Local Health Network. Environments for health (SSWAHS)

Research Team: **Marilyn Wise**, Elizabeth Harris, Ben Harris-Roxas, Patrick Harris, Michelle Maxwell (SSWAHS), Peter Sainsbury (SSWAHS), Mark Thornell (SSWAHS).

As the health reforms are enacted in New South Wales there is danger that much of the progress achieved in the last decade toward improved population health and health equity will be lost or slowed. This project, to be completed in 2011, aims to identify and consolidate mechanisms for supporting actions for health equity within the new health service system.

Points of health influence in the Housing NSW Master Planning process (SSWAHS)

Research Team: **Patrick Harris**, Mark Thornell (SSWAHS)

This project aims to identify the points where considerations of health and equity can be built into the Housing NSW Master Planning processes. Using development in Villawood as a case study, the planning process will be mapped and consultations will be conducted to identify points of influence.

Working with local government to create healthy environments (SSWAHS)

Research Team: **Patrick Harris**

This project, to be conducted in 2010-2011, will conduct a review of the Stoke (UK) model for working with local governments, with the view to identifying an intervention for local government to improve their capacity to plan for healthy environments.

Influencing health and wellbeing considerations in environmental assessments in SWS (SSWAHS)

Research Team: **Patrick Harris,** Ben Harris-Roxas, Harrison Ng Chok, Elizabeth Harris,

Health is often required to comment on the environmental assessments conducted as part of the planning process for major projects. This study is undertaking a review of the requests for comment and subsequent correspondence to identify the ways that health is having input into the NSW planning process.

Review and consolidation of work with the Directorate of Population Health 2009 – 2011 (SSWAHS)

Research Team: **Elizabeth Harris,** Ben Harris-Roxas, Patrick Harris, Michelle Maxwell (SSWAHS), Sharon Peters (SSWAHS), Peter Sainsbury (SSWASH), Mark Thornell (SSWAHS), Marilyn Wise

In late 2010 and 2011, a review of the work of the partnership between the CPHCE Healthy Public Policy Program and the SSWAHS Population Health Directorate will be conducted to identify the achievements and strengths of this program of research activity, and future directions.

Supporting equity and health impact assessment capacity building in Australia and internationally

Working in partnership 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;
- worked with Greater Southern Area Health Service to complete a health impact assessment of plans for rural health service delivery
- assisted Sydney South West Area Health Service to continue to conduct HIAs on urban development plans and projects in south western Sydney;
- supported the Queensland Tropical Regional Health Unit to build capacity to conduct HIAs on urban and industrial developments in far north Queensland;
- supported a team from the University of Manitoba (Canada) to conduct an equity-focused HIA of Teen PPP.
- Written up a report with the NSW Heart Foundation of research investigating the progress of health supporting policies and plans through two local councils

The UNSW Primary Health Care Research Capacity Building Initiative

CPHCE receives funding to support research development in Primary Health Care from the Australian Government Department of Health and Ageing under Phase Two of the Research Capacity Building Initiative (RCBI). 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 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:

- GP Synergy Ltd;
- General Practice New South Wales LTD, (GP NSW);
- 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 2010 PHReNet membership stood at 379 individuals and offered 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 2010 UNSW RCBI team included:

Nicholas Zwar	Program Director
Melanie Marshall	Program Coordinator Support in South East Sydney/ Illawarra and Shoalhaven/Greater Murray regions
Suzan Mehmet	PHReNet Administrator
Sarah Dennis	Senior Research Fellow, South West Sydney

The **Practice Based Research Network**, PHReNet-GP, was launched at the end of 2007 as a subdivision of PHReNeT, with a membership of 52 in 2010. PHReNet-GP 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), the PHReNetic newsletter and regular email alerts to PHReNet-GP 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 2010 projects have included:

- ASPIRE – prevention of recurrent vein thrombosis
- Evaluation of Diabetes Electronic Decision Support Tool
- Advance Care Planning conceptualised by GPs, patients and their families

An important new initiative in 2010 has been the development of an Electronic Practice Based Research Network (ePBRN). This work, being led by Professor Teng Liaw, is connecting PHReNet-GP practices, the General Practice Unit at Fairfield Hospital and other services such as Diabetes and Community Health Centres. Secure software allows patient information to be linked in a secure way that protects patient privacy. It is expected that the ePBRN will create a platform both research and improved patient care.

Key achievements

Education

- Two Introductory Research Skills workshops with 14 participants. (Presenter: Sarah Dennis).
- One Evidence Based Practice Journal club meeting with 5 participants (Presenter: Sarah Dennis).
- One session of the Writing Support Group, with 7 participants. (Sarah Dennis, Suzan Mehmet).
- Two co-convened state-wide PHC short courses on research methods, with 34 participants (Sarah Dennis, Melanie Marshall).
- Evening research seminar – COPD, with 17 attendees (Presenters Nicholas Zwar, Jeremy Bunker and Julia Walters)
- Two research seminars (in conjunction with GP Synergy Ltd), with 20 participants.

Mentoring and supervision

PHReNet provided active research support to its members. In addition, we continue 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)	*GP Exercise Referral Scheme*
Dr Della Maneze (RDP)	*The Puppetry of Integrated Care – too many pulling the strings*
Mr John Widdup (RDP)	*Utilisation rates of early childhood services by Aboriginal infants within an urban population.*
Ms Alison Robinson (RDP)	*Healthy 4 Life – A pilot study*
Mr.Iqbal Hasan	*Evaluation of Sydney South West Indigenous Community Health Brokerage Services - Muramali project*
Dr Jeremy Bunker	*COPD projects*
Dr Sanjyot Vagholkar (PhD candidate)	*Cardiovascular absolute risk assessment in general practice and impact on prescribing*
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 (General Practice)*
Dr Klaus Stelter and Silvana Marangoni (St. George Division of General Practice)	*Publication on Small Group Learning*
Janet Dubabin	*A mixed methods study of patient anticipated responses to transient ischaemic attack symptoms*
Dr George Tang (GP)	*Developing a project to explore role of spirituality in Chinese people with anxiety or depression*
Julian Gold	*Aboriginal Tobacco Project*

During 2010 we awarded $35,000 worth of funding, to early career researchers, under the PHReNet Small Research Grants, to:

- Susan Kirby: PHC Case Studies set - Primary & Community Health Leadership Development Program
- Julie McDonald: A typology of emerging Australian integrated primary health care services and networks
- Nicole Clancy: Smoking cessation and mental health: experience of patients in general practice

Publications

Network members published eleven journal articles and made thirteen conference presentations during the year.

Researcher Development Program

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 2010, we extended the two primary health care scholarships that were offered in 2009 and offered a further scholarship for 2010. These were:

- Della Maneze (2009/10): *Enhancing Integrated Care of Chronic Disease*
- John Widdup (2009/10): *Universal Health Home Visiting: Evaluating Access and Equity*
- Alison Robinson 2010: *Healthy 4 Life: A Pilot Study*

2010 is the penultimate year that CPHCE will receive the Research Capacity Building Initiative funding. From 2012, future funding for capacity building in Primary Health Care will be provided through the Australian Primary Health Care Research Institute Centres of Research Excellence grants. An important task for 2011 is to look for opportunities to sustain the progress made on research capacity building and maintain the structures such as the research networks that have been established through the capacity building program.

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 2010[1].

Undergraduate Medicine at UNSW

Subject	Lecturer(s)
Society and Health A & B	Elizabeth Denney-Wilson (facilitator and guest lecturer) Elizabeth Harris (lecturer), Mark Harris, Ben Harris-Roxas, Vanessa Rose (guest lecturers).
Society and Health III	Jeremy Bunker, Sanjyot Vagholkar (tutors, lecturers), Siaw-teng Liaw. Mark Harris, Elizabeth Harris, Gawaine Powell Davies, Vanessa Rose (guest lecturers), Elizabeth Denney-Wilson (clinical tutorials), Shane Pascoe.
Health Maintenance B	Elizabeth Denney-Wilson (facilitator and guest lecturer)
Phase 1 Clinical Teaching	Jeremy Bunker, Sanjyot Vagholkar (tutors).
Foundation Course	Mark Harris, Elizabeth Harris, Vanessa Rose (lecturers).
Phase 3 primary care term	Jeremy Bunker, Tim Shortus, Sanjyot Vagholkar Barbara Booth (tutors, examiners), Siaw-teng Liaw.
Independent Learning Project – student placement	Elizabeth Comino, Elizabeth Denney-Wilson, Sarah Dennis, Mahnaz Fanaian, Mark Harris, Jenny Knight, Julie McDonald (supervisors).

Postgraduate Medicine at UNSW

Master of Public Health Program

a) MPH electives run through CPHCE

Subject	Lecturer(s)
Inequalities in Health	Elizabeth Harris (course co-ordinator), Marilyn Wise, Vanessa Rose (lecturer)
Delivery of Primary Health Services in the Community	Mark Harris, Gawaine Powell Davies (course co-ordinators) Julie McDonald, Vanessa Rose (lecturers).
Health Impact Assessment	Patrick Harris (course co-ordinator), Ben Harris-Roxas, Elizabeth Harris, Marilyn Wise (lecturers)
Chronic disease prevention and management	Mark Harris, Nicholas Zwar (coordinators), Elizabeth Denney-Wilson, Sarah Dennis, Teng Liaw, Shane Pascoe (lecturers)

b) Contributions to other MPH Courses

Subject	Lecturer(s)
Introduction to Public Health	Elizabeth Harris, Ben Harris-Roxas (lecturers)
Community Development	Vanessa Rose
Environmental Health	Ben Harris-Roxas

1 This does not include teaching by Profs. Nick Zwar or Teng Liaw, which is part of their substantive roles 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 *Non Communicable Disease Prevention and Control, Masters of International Studies/Masters of Public Health, University of Sydney* *Health promotion and advocacy. Sydney Graduate Medical Program, University of Sydney.* *Graduate Diploma in Indigenous Health Promotion. University of Sydney.* *Graduate Diploma in Indigenous Health (Substance Misuse), University of Sydney.*	Marilyn Wise (lecturer)
Environmental Health, Macquarie University	Ben Harris-Roxas, (guest Lecturer)
Public Health Achievements and Challenges, Masters of Public Health, University of Sydney *Disease priorities and social methods, Masters of International Public Health, University of Sydney* *Communicable Disease Control in Developing Countries, Masters of International Public Health, University of Sydney* *International Health Project Management, Masters of International Public Health, University of Sydney*	Dr Yordanka Krastev (tutor)

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 for GP Synergy	Sanjyot Vagholkar (supervisor), Jeremy Bunker (supervisor), Siaw-Teng Liaw (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 (see earlier section).

Research Students

The Centre provides many opportunities for research students. In 2010 a total of 15 PhD students were enrolled at the Centre (including a number of CPHCE staff members).

Name	Degree	Thesis Title	Supervisor Co-supervisor	Expected Completion
Abby Anderson	PhD (UNSW)	Evaluation of health assistants in general practice	Judy Proudfoot Mark Harris	2011
*Barbara Booth	PhD (UNSW)	Quality improvement in general practice	Mark Harris Nicholas Zwar	December 2011
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)	2011
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

Name	Degree	Thesis Title	Supervisor Co-supervisor	Expected Completion
Patrick Harris	PhD (UNSW)	Health impact assessment and public policy	Lynn Kemp, Peter Sainsbury	2013
*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	June 2011
Elizabeth Jasprizza	PhD UWS	Men's access to community health services	John MacDonald Vanessa Rose	2013
*Sue Kirby	PhD (UNSW)	Do patient attitudes contribute to frequent admissions?	Sarah Dennis, Mark Harris	December 2011
Patricia Knight	PhD (UNSW)	Road safety in rural young males	Mark Harris (co-supervisor)	June 2011
*Julie McDonald	PhD (UNSW)	Inter-organisational and inter-professional relationships and their impact on planning and provision of primary diabetes care.	Mark Harris, Rohan Jayasuriya	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
Sanjyot Vagholkar	PhD (UNSW) Part-time	Cardiovascular absolute risk assessment in general practice and impact on prescribing	Nicholas Zwar (supervisor) Mark Harris (co-supervisor)	2013
Anna Williams	PhD (UNSW) Part-time	Integrating chronic illness self-management plans with primary care management: a clarification model of patient-provider care congruence.	Mark Harris (supervisor) Patricia Ann Bazeley (co-supervisor)	2012
*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.	Lyn Carson, Centre for Citizenship and Public Policy, University of Western Sydney	2012
*Siggi, Zapart	PhD (UNSW)	Effective sustained nurse home visiting: who benefits, why and how?	Lynn Kemp, Jenny Knight	2013

* CPHCE/SPHCM Staff enrolled in post-graduate study

Undergraduate Students

CPHCE staff members also supervised a number of undergraduate research projects in 2010. These included seven UNSW medical students undertaking Independent Learning Projects (ILPs).

Name	Research Topic	Supervisors
Roshan Dhanapalaratnam	Long term impact of HIPS intervention in general practice	Mahnaz Fanaian, Mark Harris
Francesca Garnett	Investigation of the effect of nutritional status on Health Indicators in Aboriginal Children in an Outer Urban Community	Elizabeth Comino, Jenny Knight
Mei Yi (Michelle) Liew	Implementing preventive care in primary health care in disadvantaged communities	Mark Harris, Elizabeth Denney-Wilson
Keval Pandya	Cardiovascular absolute risk assessment in general practice	Mark Harris, Elizabeth Denney-Wilson
Erin Spike	Barriers to primary health care in refugees	Mark Harris,
Ruhie Vaidya	The feasibility and impact of cardiovascular absolute risk assessment in general practice	Mark Harris, Elizabeth Denney-Wilson
Jessica Wade	Cultural Influences on Urban Aboriginal Women and Smoking during Pregnancy	Jennifer Knight, Vana Webster

Partners and Affiliates

We collaborate with many different individuals and organisations. Some of our main partners in 2010 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
- Curtin University
- Flinders University
- James Cook University
- Macquarie University
- Monash University

- Northern Rivers University Department of Rural Health, University of Sydney
- South Australian Community Health Research Unit, Flinders University
- University of Melbourne
- University of Newcastle
- University of Adelaide
- University of Technology Sydney
- University of Western Sydney
- University of Wollongong

Divisions of General Practice

National

- Australian General Practice Network

NSW

- GP NSW
- 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
- 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

- General Practice Victoria

Queensland

- South East Alliance General Practice
- GP Partners

General Practice Training Organisations

- GP Synergy
- WentWest Ltd

Non government organisations

- Arthritis NSW
- Australian Indigenous Doctors' Association
- Australian Practice Managers' 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

- Alberta Health Services
- CDC Chronic Disease Prevention
- China-Australia health and HIV/AIDS facility (CAHHF)
- Department of Family Medicine, University of Ottawa
- Institut National de Sante Publique du Quebec
- International Union for Health Promotion and Education
- National Primary Care Research and Development Centre, University of Manchester, UK
- Pennsylvania State University
- Robert Woods Johnston Medical School, New Jersey
- Thai Healthy Public Policy Foundation, Bangkok
- Thai Health System Research Institute, Bangkok
- University of Western Ontario
- WHO Europe (Venice Office)

Staff

48 staff worked at the Centre in 2010, (33.28 full time equivalents in November 2010). All staff who worked at the Centre during 2010 (including long term casual staff) are listed below. Those with an asterisk have since left.

Title	First Name	Surname	Position Title
Ms	Cheryl Jane	Anderson	Research Officer
A/Prof	Pat	Bazeley	Associate Professor
Ms	Fiona	Byrne	Research Assistant
Mr	Matthew	Byron*	Administrative Assistant
Dr	Bibiana	Chan	Research Fellow
Ms	Chih-Ching (Sunny)	Chang	Administrative Assistant
Dr	Huei-Yang (Tom)	Chen*	Research Officer
Ms	Bettina	Christl	Research Officer
A/Prof	Elizabeth	Comino	Associate Professor
Dr	Elizabeth	Denney-Wilson	Research Fellow
Dr	Sarah	Dennis	Snr Research Fellow
Dr	Mahnaz	Fanaian*	Research Fellow
Ms	Sarah	Ford	Finance Manager
Dr	Rebekah	Grace	Senior Research Fellow
Ms	Jane	Hamilton*	Administrative Assistant
Mr	Patrick	Harris	Research Fellow
Ms	Elizabeth	Harris	Snr Research Fellow
Prof	Mark	Harris	Executive Director
Mr	Ben	Harris-Roxas	Research Fellow
Mr	Iqbal	Hasan	Research Officer
Dr	Upali	Jayasinghe	Snr Research Fellow
A/Prof	Lynn	Kemp	Associate Professor
Ms	Sue	Kirby	Research Officer
Dr	Jenny	Knight	Snr Research Fellow
Dr	Yordanka	Krastev	Research Fellow
Dr	Rachel	Laws	Research Fellow
Ms	Joanna	Lee	Administrative Officer
Dr	Jane	Lloyd	Research Fellow
Ms	Fakhra	Maan	Administrative Officer
Dr	Melanie	Marshall	Manager
Ms	Julie	McDonald	Research Fellow
Ms	Suzan	Mehmet*	Administrative Officer
Mr	Harrison	Ng Chok	Research Officer
Dr	Shane	Pascoe	Research Fellow
A/Prof	Gawaine	Powell Davies	Chief Executive Officer
Ms	Alison	Robinson	Research Officer
Dr	Vanessa	Rose	Research Fellow
Ms	Sheryl	Scharkie	Research Officer
Ms	Jacqueline	Schroeder	NSW PHC Coordinator
Ms	Heike	Schütze	Research Officer
Dr	Joanne (Jo)	Spangaro*	Research Officer
Ms	Jane	Taggart	Research Fellow
Ms	Duong (Danielle)	Tran	Research Officer

Title	First Name	Surname	Position Title
Dr	Kenny	Travouillon*	Administrative Officer
Ms	Rachel	Ward	Research Officer
Ms	Vana	Webster	Research Officer
Ms	Anna	Williams	Research Fellow
A/Prof	Marilyn	Wise	Associate Professor

Affiliated staff employed by the School of Public Health and Community Medicine	
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

Affiliated staff employed by Sydney South West Area Health Service	
Monica Aburto	Data Analyst
Jeremy Bunker	Staff Specialist, Conjoint Lecturer
Mary Knopp	Administration Officer
Joan Silk	Research Officer
Sanjyot Vagholkar	Staff Specialist, Conjoint Lecturer
Siggi Zapart	Research Officer

Staff Membership of External Committees

Committee	Name
Asia Pacific HIA Network	Ben Harris-Roxas
Australian Association for Academic General Practice Executive Committee	Sarah Dennis
Australia Primary Health Care Research Institute Knowledge Exchange Committee	Nicholas Zwar
Australia Primary Health Care Research Institute Research Advisory Board	Mark Harris
Baker IDI NHMRC Diabetes Guideline Advisory Group	Mark Harris
Co-chair, Australian Child and Adolescent Obesity Research Network	Elizabeth Denney-Wilson
Aust Health Informatics Education Council	Siaw-teng Liaw
Cancer Institute NSW Oncology General Practice Committee	Gawaine Powell Davies
Coalition of Research into Aboriginal Heath	Elizabeth Harris
Content Review Committee Medical Journal of Australia	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
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
Ingham Health Research Institute Scientific Advisory Committee	Lynn Kemp, Siaw-teng Liaw
Institute of General Practice Education Inc. Management board	Siaw-Teng Liaw)
International: American Medical Informatics Association International Affairs Subcommittee	Siaw-teng Liaw

Committee	Name
International Association for Impact Assessment Publications Committee and Health Section Leadership	Ben Harris-Roxas
International Journal of Family Medicine Editorial Board	Siaw-teng Liaw
International Union for Health Promotion and Education (IUHPE). Global Working Group in Health Impact Assessment.	Marilyn Wise
National Heart Foundation Clinical Issues Committee	Mark Harris
National Heart Stroke and Vascular Absolute Risk Group	Mark Harris
NHMRC Diabetes Australian Guideline Advisory 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 Complex Care Committee	Siaw-teng Liaw
NSW Health Healthy Older People Advisory Committee	Gawaine Powell Davies
NSW Health Keep Them Safe Evaluation Committee	Lynn Kemp
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
RACGP National Research Ethics Committee (Chair)	Siaw-teng Liaw
RACGP National Standing Committee Research	Nicholas Zwar
RACGP Quality Committee	Mark Harris
RACGP Red Book Task Force	Mark Harris
SESIAHS Community Health Review Steering Committee	Mark Harris, Gawaine Powell Davies
Social Policy Research Centre Advisory Committee	Gawaine Powell Davies
Society of Practitioners of Health Impact Assessment (SOPHIA) steering committee	Ben Harris-Roxas
SSWAHS Area Cancer Services Council	Sanjyot Vagholkar
SSWAHS Chronic, Aged and Complex Care Executive Committee	Siaw-teng Liaw
SSWAHS Executive - Divisions of General Practice Liaison Committee	Sanjyot Vagholkar
SSWAHS Population Health Division Executive	Lynn Kemp
SSWAHS Population Health, Social Determinants of Health Committee	Vanessa Rose
SSWAHS Stroke Advisory Committee	Sanjyot Vagholkar
Stroke Foundation: Absolute Risk Management Guidelines	Mark Harris
WHO Western Pacific Regional Office Thematic Working Group on Health Impact Assessment	Ben Harris-Roxas

CENTRE FOR PRIMARY HEALTH CARE AND EQUITY

Statement of Financial Performance for the year ending 31 December 2010

	2010	2009
	$	$
Income		
External Funds	3,625,741	4,032,206
UNSW Contribution - see note (i) & (ii)	654,216	315,285
Total Income	4,279,957	4,347,491
Expenses		
Payroll	3,379,952	3,168,227
Equipment	24,532	23,341
Materials	601,364	878,234
Travel	189,520	128,839
Total Expenses	4,195,369	4,198,640
Operating result	84,588	**148,851**
Surplus(Deficit) Bfwd from Prior Year	1,126,199	**977,348**
Accumulated Funds Surplus(Deficit)	1,210,787	**1,126,199**
Excludes debtors (unpaid invoices) (iii) (iv)	297,432	23,806

Notes to the Statement of Financial Performance

i The Centre also recognises in-kind contributions provided to it that are not brought to account in the Statement of Financial Performance - this includes space occupied at Level 3 Building G27 - AGSM, Randwick

ii Faculty of Medicine Fellowship Enhancement Grants and Fellowship top ups, for Mark Harris and Lynn Kemp, NHMRC top ups, a Faculty of Medicine Health Information Exchange project and an Early Career Researcher Grant for Dr Elizabeth Denney-Wilson

iii Unpaid invoices include GST

iv Payment of outstanding invoices of $297,432 (incl. of GST) will increase Operating Gain to $354,981

Publications

Book - Textbook

1. Nutbeam, D, Harris, E, & Wise, M 2010, *Theory in a Nutshell: A Practical Guide to Health Promotion Theories*, 3rd ed. McGraw-Hill Australia, Sydney.

Chapter - Scholarly Research

1. Harris, PJ, & Harris-Roxas, BF 2010, *Assessment of Human Health and Wellbeing in Project Environmental Assessment*, In J. Bhattacharya (Ed.), *Project Environmental Clearance: Engineering and Management Aspects* (pp. 355-379).
2. Liaw, ST 2010, *Prescribing patterns in Australia: determinants and implications for the Asia-Pacific*, *Prescribing cultures and pharmaceutical policy in the Asia-Pacific*. Walter H. Shorenstein Asia-Pacific Research Center, Stanford, CA, USA.
3. Liaw, ST, & Pradhan, M 2010, *Clinical Decision Support Implementations*, *Health Informatics: An Overview* (164(7), 2, pp. 296 - 311). , IOSPress , Amsterdam.
4. Liaw, ST, & Gray, K 2010, *Clinical Health Informatics Education for a 21st Century World*, *Health Informatics: An Overview* (39, 2, pp. 479 - 491). , IOSPress , Amersterdam.
5. Liaw, ST, & Boyle, D 2010, *Primary Care Informatics and Integrated Care*, *Health Informatics: An Overview* (39, 2, pp. 255 - 268). , IOSPress , Amsterdam.
6. Pradhan, M, & Liaw, ST 2010, *Clinical Decision Support Foundations*, *Health Informatics: An Overview* (46), 2, pp. 278 - 295. IOSPress, Amsterdam.
7. Shortus, TD, & Harris, MF 2010, *Optimising Health Outcomes in Chronic Disease*, *Communication Skills in Medicine: Promoting Patient-Centred Care* (19) 2010, pp. 48 – 61. IP Communications, Melbourne.

Journal - Refereed & Scholarly Article

1. Achat, HA, Thomas, P, Close, GR, Moerkerken, LR, et al, 2010, 'General health care service utilisation: where, when and by whom in a socioeconomically disadvantaged population', *Australian Journal of Primary Health,* 16, pp. 132 - 140.
2. Bennett, B, Mcdonald, JL, Knight, J, Comino, EJ, et al, 2010, 'Assessing development of urban Aboriginal infants', *Journal of Paediatrics and Child Health,* 46, pp. 384 - 391.
3. Booth, BJ, Zwar, NA, & Harris, MF 2010, 'A complexity perspective on health care improvement and reform in general practice and primary health care', *Australian Journal of Primary Health,* 16(1), pp. 29 - 35.
4. Booth, ML, Okely, AD, & Denney-Wilson, E 2010, 'Validation and application of a method of measuring non-response bias in school-based surveys of pediatric overweight and obesity', *International Journal of Pediatric Obesity, Epub ahead of print.*
5. Boyages, J, Jayasinghe, UW, & Coombs, N 2010, 'Multifocal breast cancer and survival: each focus does matter particularly for larger tumors', *European Journal of Cancer,* 46(11), pp. 1990 - 1996.
6. Chan, BC, Perkins, D, Wan, Q, Zwar, NA, et al, 2010, 'Finding Common Ground? Evaluating an intervention to improve teamwork among primary health care professionals.'*International Journal for Quality in Health Care,* 22, pp. 519 - 524.
7. Christl, B, Harris, MF, Jayasinghe, U, Proudfoot, J, et al, 2010, 'Readiness for organisational change among general practice staff', *Quality And Safety In Health Care*, 19, pp. 1 - 4.
8. Comino, EJ, Craig, P, Harris, E, McDermott, D, et al, 2010, 'The Gudaga Study: establishing an Aboriginal birth cohort in an urban community', *Australian and New Zealand Journal of Public Health*, 34, pp. s9 - s17.
9. Cross, M, Liaw, ST, & Kilmartin, G 2010, 'Is community satisfaction with diabetes care different in the country?', *International J Healthcare Qual Assurance,* 1(9)

10. Denney-Wilson, E, Fanaian, Mahnaz, Wan, Qing, Vagholkar, Sanjyot, et al, 2010, 'Lifestyle Risk Factors in General Practice: Routine Assessment and Management', *Australian Family Physician*, 39(12), pp. 950 - 953.

11. Denney-Wilson, E, Fanaian, M, Wan, Q, Vagholkar, S, et al, 2010, 'Lifestyle risk factors in general practice: Routine assessment and management', *Australian Family Physician*, 39, pp. 950 - 953.

12. Denney-Wilson, E, Fanaian, M, Wan, Q, Schutze, H, et al, 2010, 'Lifestyle risk factors in general practice-- routine assessment and management', *Australian Family Physician*, 39(12), pp. 950-953.

13. Dennis, SM, Zwar, NA, & Marks, GB 2010, 'Diagnosing asthma in adults in primary care: A qualitative study of Australian GPs experiences', *Primary Care Respiratory Journal* , 19(1), pp. 52 - 56.

14. Fanaian, M, Laws, RA, Passey, M, Mckenzie, SH et al, 2010, 'Health improvement and prevention study (HIPS) -evaluation of an intervention to prevent vascular disease in general practice', *BMC Family Practice*, 11(57), p. 8.

15. Hardy, LL, Denney-Wilson, E, Thrift, A, Okely, AD, et al, 2010, 'Screen time and metabolic risk factors among adolescents', *Archives of Pediatrics and Adolescent Medicine,* 164(7), pp. 643 - 649.

16. Harris, E, & Harris-Roxas, BF 2010, 'Health in All Policies: A pathway for thinking about our broader societal goals', *Public Health Bulletin South Australia,* 7, pp. 43 - 46.

17. Harris, E, Harris, MF, & Shortus, TD 2010, 'How do we manage patients who become unemployed?', *Medical Journal of Australia*, 192, pp. 98 - 101.

18. Harris, MF, Bailey, L, Snowdon, T, Litt, J, et al, 2010, 'Developing the guidelines for preventive care in Australian General Practice: two decades of experience', *Australian Family Physician* 39, pp. 63 - 65.

19. Harris, MF, Chan, BC, Daniel, C, Wan, Q, et al, 2010, 'Development and early experience from an intervention to facilitate teamwork between general practices and allied health providers: the Team-link study', *BMC Health Services Research*, 2010 April 27, 10, p. 104.

20. Harris, P, Harris-Roxas, B, Wise, M, & Harris, E, 2010, 'Health impact assessment for urban and land-use planning and policy development: Lessons from practice', *Planning Practice and Research,* 25, pp. 531-541.

21. Holton, CH, Proudfoot, J, Jayasinghe, UW, Grimm, J, et al, 2010, 'A tool to measure whether business management capacity in general practice impacts on the quality of chronic disease care.', *Health Services Management Research: an official journal of the Association of University Programs in Health Administration,* 23, pp. 147 - 153.

22. Holton, CH, Beilby, J, Harris, MF, Harper, CE et al, 2010, 'Systematic care for asthma in Australian general practice: a randomised controlled trial', *Medical Journal of Australia*, 193, pp. 332 - 337.

23. Kervin, BE, Kemp, LA, & Jackson Pulver, L 2010, 'Types and timing of breastfeeding support and its impact on mothers` behaviour', *Journal of Paediatrics and Child Health,* 46, pp. 85 - 91.

24. Laws, RA, Chan, BC, Williams, AM, Powell Davies, PG et al, 2010, 'An efficacy trial of brief lifestyle intervention delivered by generalist community nurses (CN SNAP trial) ', *BMC Nursing,* 9, pp. 4 - 14.

25. Liaw, ST, Lau, A, & Dennis, SM 2010, 'General practice- engaging the online social networking revolution', *Australian Family Physician*, 39(11), pp. 809 - 810.

26. Liaw, ST 2010, 'Genetics and genomics in general practice', *Australian Family Physician*, 39(9), pp. 689 - 691.

27. Lloyd, JE, & Wise, M 2010, 'Efficient funding: A path to improving Aboriginal healthcare in Australia?', *Australian Health Review*, 34, (4), pp. 430 - 434.

28. Magarey, A, Watson, J, Golley, R, Burrows, T et al, 2010, 'Assessing dietary intake in children and adolescents: Considerations and recommendations for obesity research', *International Journal of Pediatric Obesity*, Epub ahead of print.

29. Marshall, M J, Zang, H, & Jasko, JG 2010, 'Therapeutic Effectiveness and Patient Acceptance of a Vestibular Nerve Activation Intervention in Chronic Insomnia', *Medicamundi*, 54, pp. 89 - 93.

30. Nathan, SA, Bunde-Birouste, AW, Evers, C, Kemp, LA, et al, 2010, 'Social cohesion through football: a quasi-experimental mixed methods design to evaluate a complex health promotion program', *BMC Public Health*, 5(10), p. 587.

31. Passey, M, Fanaian, M, Lyle, D, & Harris, MF 2010, 'Assessment and management of lifestyle risk factors in rural and urban general practices in Australia', *Australian Journal of Primary Health,* 16, pp. 81 - 86.

32. Pierce, D, Liaw, ST, & Dobell, J 2010, 'Australian rural football club leaders as mental health advocates: an investigation of the impact of the Coach the Coach project', *International Journal of Mental Health Systems*, 19(4) 10.

33. Rhee, J, Zwar, NA, & Kemp, LA 2010, 'In Press: How is advance care planning conceptualised in Australia? Findings from key informant interviews', *Australian Health Review*.
34. Schmied, V, Mills, A, Kruske, S, Kemp, LA, et al, 2010, 'The nature and impact of collaboration and integrated service delivery for pregnant women, children and families', *Journal of Clinical Nursing*, 19, pp. 3516 - 3526.
35. Sulaiman, N, Barton, CA, Liaw, ST, Harris, C, et al, 2010, 'Do small group workshops and locally adapted guidelines improve asthma patients' health outcomes? A randomised controlled trial', *BMC Family Practice*, 27(3), pp. 246 - 254.
36. Wan, Q, Zwar, NA, Vagholkar, S, Campbell, TJ, & et al, 2010, 'Cardiovascular absolute risk assessment and management: Engagement and outcomes in general practice patients', *Australian Family Physician*, 39, pp. 954 - 958.
37. Wan, Q, Harris, MF, Zwar, NA, Vagholkar, S, & et al, 2010, 'Prerequisites for implementing a cardiovascular absolute risk assessment in general practice: a qualitative study of Australian general practitioners' and patients' views', *Journal of Evaluation in Clinical Practice*, 16(3): pp. 580 - 584.
38. Williams, AM, Dennis, SM, & Harris, MF 2010, 'How effective are the linkages between self-management programmes and primary care providers, especially for disadvantaged patients?', *Chronic Illness,* 7(1), pp. 20 -30.
39. Yang, S, Zwar, NA, Vagholkar, S, Dennis, SM, et al, 2010, 'Factors influencing general practice follow-up attendances of patients with complex medical problems after hospitalization', *Family Practice*, 27, pp. 62 - 68.
40. Zwar, NA, Richmond, RL, Halcomb, E, Furler, JS, et al, 2010, 'Quit in General Practice: a cluster randomised trial of enhanced in-practice support for smoking cessation', *BMC Family Practice*, 2010 11(59) pp. 63 - 65.

Journal - Other Refereed Article

1. Dennis, SM, Zwar, NA, & Marks, GB 2010, 'Diagnosing asthma in adults in primary care: a qualitative study of Australian GPs' experiences', *Primary Care Respiratory Journal*, 19(1): pp. 52 - 56.
2. Kirby, SE, Dennis, SM, Jayasinghe, UW, & Harris, MF 2010, 'Patient related factors in frequent readmissions: the influence of condition, access to services and patient choice', *BMC Health Services Research*, 10, pp. 216 - 224.
3. Wise, M, 2010, 'Understanding Health Inequalities 2nd Ed [Book Review]', *Health Promotion Journal of Australia, 21*, pp 155-156.

Journal - Non Refereed Article

1. Mazza, D, & Harris, MF 2010, 'Improving implementation of evidence-based prevention in primary care', *Medical Journal of Australia*, 193(2), pp. 101 - 102.

Journal - Letter or Note

1. Vohra, S, Cave, B, Villiani, F, Harris-Roxas, BF, & et al, 2010, 'New international consensus on health impact assessment', *Lancet*, 376, 9751, pp. 1464 - 1465.
2. Wan, Q, Harris, MF, Zwar, NA, Vagholkar, S, et al, 2010, 'Experience in implementation of cardiovascular absolute risk assessment and management in Australian general practice', *International Journal of Clinical Practice,* 64, pp. 1166 - 1167.
3. Zwar, NA 2010, 'Health care reform in the United States: an opportunity for primary care?', *Medical Journal of Australia*, 192, p. 8.

Conference - Full Paper, Not Refereed

1. Comino, EJ, Krastev, Y, Harris, MF, Powell Davies, PG, & et al, 2010, 'Access to best practice primary health care', *Bioethics in a Globalised World*, Singapore, 28 - 31 July 2010.
2. Comino, EJ, Krastev, Y, Christl, B, Harris, MF, et al, 2010, 'Evaluating policy and practice interventions on access to best practice primary health care.' Darwin, Australia, 2010.
3. Fanaian, M 2010, 'Prevention of chronic disease in primary health care HIPS Study', *GP10*, Cairns, Oct 2010.
4. Powell Davies, PG, Krastev, Y, McDonald, J, Jeon, YH, et al, 2010, 'Never the Twain? Different types of integrated care centres and their effectiveness'. Darwin, Australia, 2010.

Conference - Abstract Only

1. Harris-Roxas, BF, & Harris, PJ 2010, 'Current Challenges in Health Impact Assessment Practice', *International Association for Impact Assessment*, Geneva, 6 - 11 April 2010.
2. Krastev, Y 2010, 'The role of Human Research Ethics Committees in conduct of health research in Bulgaria and Australia', *Bioethics in a Globalised World*, Singapore. 28 - 31 July 2010.
3. Marshall, M J, Zang, H, & Jasko, JG 2010, 'An Alternative Approach to Managing Chronic Insomnia', *SLEEP 2010 24th Annual Meeting of the Associated Professional Sleep Societies, LLC,* San Antonio, Texas, 5th -9th June 2010.
4. Melanie Marshall, Nick Zwar, Sarah Dennis, Susan Mehmet, et al, 2010, 'Practice Based Research Networks A Valuable Tool in Primary Health Care Research', *Primary Health Care Research Conference*, Darwin, Australia, 30th June - 2nd July 2010.
5. Nathan, SA, Bunde-Birouste, AW, Evers, CW, Kemp, LA, & et al, 2010, 'Social Cohesion through Football', *International Conference on Sport and Society*, Vancouver, March 2010.
6. Susan Goode, Parker Margin, Dimity Pond, Jenny May, et al, 2010, 'A Comparison of different Models of Practice Based Research Networks', *Primary Health Care Research Conference*, Darwin, Australia, 30th June - 2nd July 2010.
7. Williams, AM, Dennis, SM, & Harris, MF 2010, 'Do linkages between self-management programs and primary care providers target those most in need of self-management support?', *Primary Health Care Research Conference*, Darwin, Australia, 30th June - 2nd July 2010.

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1. Comino, EJ, Knight, J, Webster, VK, Anderson, CJ, & et al, 2010, 'Close the Gap Day: the Gudaga Study', *Campbelltown Hospital Close the Gap Day - Panel Discussion and Workshop*, Campbelltown Hospital, 25 March.
2. Comino, EJ 2010, 'The Gudaga Study: understanding the health, development, and health service use of Aboriginal infants in an urban environment [invited presentation]', *Advances in Public Health and Health Services Research at UNSW: 2nd Annual Symposium*, Scientia Building, UNSW, 7 May.
3. Comino, EJ, Kemp, LA, Harris, MF, Harris, E, & et al, 2010, 'The Gudaga Study: understanding the health, development, and health service use of Aboriginal infants in an urban environment', *2010 Primary Health Care Research Conference - Primary health care research and health reform: Improving care - Symposia*, Darwin, NT, 30 Jun - 2 July
4. Harris, E 2010, 'Complex problems require courageous solutions [Invited Presentation]', *Health in All Polices International Meeting*, Adelaide, South Australia, 13-15 April.
5. Harris, E 2010, 'Panel discussant - Fair Society, Healthy Lives', *Australian Health Inequities Program (AHIP) Symposium - Beyond Evidence on Health Inequities: What works, why and how*, National Wine Centre of Australia, Adelaide, 27-28 April.
6. Harris, E, Killian, D, Silk, J, & Rose, VK 2010, 'Working in a locationally disadvantaged communities capacity building program', *Community Building and Social Inclusion National Conference*, Melbourne, 21-22 April.
7. Harris, MF, Taggart, J, Williams, AM, Dennis, SM, et al, 2010, 'Interventions to improve lifestyle health literacy in disadvantaged populations', *Primary Health Care Research Conference*, Darwin, Australia, 30th June - 2nd July 2010.
8. Harris-Roxas, BF 2010, 'Butting our heads against a wall? or, Moving beyond what we've always some in order to get health meaningfully considered [Invited Presentation]', *HIA 2010 3rd Asia and Pacific Regional Health Impact Assessment Conference - "Health, wellbeing, and HIA: Working better, working smarter"*, University of Otago, Dunedin, New Zealand, 17-19 November.
9. Harris-Roxas, BF, & Harris, PJ 2010, 'Current challenges in HIA practice [Conference Workshop Presentation]', *IAIA10 - International Association for Impact Assessment 30th Annual Conference "The role of impact assessment in Transitioning to the Green Economy"*, Geneva, Switzerland, 6-11 April.
10. Harris-Roxas, BF, Bazeley, P, Kemp, LA, & Harris, PJ 2010, 'Impact Evaluation of Three Health Equity Impact Assessments', *IAIA10 - International Association for Impact Assessment 30th Annual Conference "The role of impact assessment in Transitioning to the Green Economy"*, Geneva, Switzerland, 6-11 April.
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12. Jackson Pulver, L, Comino, EJ, Knight, J, Anderson, CJ, & et al, 2010, 'The Gudaga Project: responding to the health service needs of Aboriginal infants', *International Network of Indigenous Health Knowledge and Development (INIHKD) Conference*, Poulsbo, Washington State, USA, 24-28 May.
13. Jackson Pulver, L, Comino, EJ, Knight, J, Anderson, CJ, & et al, 2010, 'The Gudaga Project: responding to the health service needs of Aboriginal infants', *20th IUHPE World Conference on Health Promotion "Health, Equity and Sustainable Development"*, Geneva, Switzerland, 11-15 July.
14. Kemp, LA 2010, 'Do home visiting interventions need to strengthen families in order to improve outcomes for children?', *18th ISPCAN International Congress on Child Abuse and Neglect - "One World, One Family, Many Cultures"*, Honolulu, Hawaii, 26-29 September.
15. Kemp, LA 2010, 'Sustained nurse home visiting improves outcomes for vulnerable children in disadvantaged communities [Invited Presentation]', *World Congress of Internal Medicine (WCIM) 2010 - "World Medicine for the Next Decade: 2010-2020"*, Melbourne, 20-25 March.
16. Kirby, SE, Dennis, SM, & Harris, MF 2010, 'Emotions in the Choice to Self Manage', *International Conference on Support for Self Management of Health*, Stirling, 11-13 May 2010.
17. Knight, J, Comino, EJ, Webster, VK, & Kemp, LA 2010, 'SIDS amongst urban Aboriginal infants is it more than putting baby to sleep the right way?', *Joint Conference of the International Stillbirth Alliance (ISA) and the International Society for the Study and Prevention of Perinatal and Infant Death (ISPID) - "Precious lives: global collaboration in stillbirth and infant death"*, Sydney, 8-10 October.
18. Powell Davies, PG, McDonald, J, Krastev, Y, Christl, B, & et al, 2010, 'Never the Twain? Different integrated care centres and their effectiveness'. *Primary Health Care Research Conference*, Darwin, Australia, 30th June - 2nd July 2010
19. Rose, VK, & Silk, J 2010, 'Marginalised workers: Worth the investment', *Ingham Health Research Institute 2010 Research Showcase*, Thomas & Rachel Moore Education Centre, Liverpool Hospital, 26 November.
20. Rose, VK, & Silk, J 2010, 'Marginalised workers: Worth the investment', *12th Path to Full Employment and 17th National Unemployment Conference "The Aftermath of the Crisis"*, University of Newcastle, 2-3 December.
21. Rose, VK, Thompson, L, & Qummouh, R 2010, 'The HUB: volunteering for social inclusion, participation and employment', *Community Building and Social Inclusion National Conference*, Melbourne, 21-22 April,
22. Rose, VK, & Silk, J 2010, 'Walk the Talk: A program for surviving unemployment, staying healthy and getting a job', *Ingham Health Research Institute 2010 Research Showcase*, 26 November, Thomas & Rachel Moore Education Centre, Liverpool Hospital.
23. Silk, J, & Rose, VK 2010, 'Walk the Talk: A program for surviving unemployment, staying healthy and getting a job', *12th Path to Full Employment and 17th National Unemployment Conference*, University of Newcastle, 2-3 December.
24. Smith, J, Harris, PJ, & Schmitt, D 2010, 'Mobilising interest in health impact assessments: the Northern Territory experience', *Australian Health Promotion Association 19th National Conference "Walking the Talk Together -Partnerships for Health Promotion"*, Melbourne, 30 May - 2 June.
25. Taggart, J, Dennis, SM, Williams, AM, Harris, MF, et al, 2010, 'Effective interventions to improve health literacy associated with SNAPW risk behaviours', *Primary Health Care Research Conference*, Darwin, Australia, 30th June - 2nd July 2010.
26. Vagholkar S, Zwar N, Harris MF. *Patient experiences of cardiovascular absolute risk assessment.* Primary Health Care Research Conference Darwin 30 June-2 July 2010
27. Webster, VK, Harris, MF, Comino, EJ, Jalaludin, BB, & et al, 2010, 'Timeliness of Aboriginal infant immunisations in south west Sydney', *Ingham Health Research Institute 2010 Research Showcase*, Thomas & Rachel Moore Education Centre, Liverpool Hospital, 26 November.
28. Webster, VK, Harrison, M, Comino, EJ, Jalaludin, BB, & et al, 2010, 'Timeliness of Aboriginal infant immunisations in south west Sydney', *Australasian Epidemiological Association Annual Conference 2010 "Translating Evidence into Practice"*, University of Sydney, 29 September - 1 October.
29. Zapart, S, Kemp, LA, Harris, E, McMahon, C, et al, 2010, 'Miller Early Childhood Sustained Home Visiting (MECSH) trial: Outcomes for preschoolers', *Ingham Health Research Institute 2010 Research Showcase*, Thomas & Rachel Moore Education Centre, Liverpool Hospital, 26 November.

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1. Fanaian, M 2010, 'Prevention of chronic disease in primary health care HIPS Study', *PHC research*, Darwin, 30 June - 2 July 2010.
2. Harris, PJ, & Harris-Roxas, BF 2010, 'A framework to understand how health can contribute to the assessment of extractive industry project impacts', *World Health Organization and IAIA One Day Conference - Health Impact Assessment (HIA) Conference: Urban development and extractive industries: What can HIA offer?*, Geneva, Switzerland, 7 April.
3. Harris, PJ, & Harris-Roxas, BF 2010, 'The health sectors use of Health Impact Assessment to inform land use planning in Australia', *World Health Organization and IAIA One Day Conference - Health Impact Assessment (HIA) Conference: Urban development and extractive industries: What can HIA offer?*, Geneva, Switzerland, 7 April.
4. Hasan, I, Zwar, NA, Dennis, SM, Jackson Pulver, L, & et al, 2010, 'How to get a broad input into the evaluation of an Indigenous community health brokerage service? ', *Primary Health Care Research Conference*, Darwin, Australia, 30th June - 2nd July 2010.
5. Maneze, D, Liaw, S, Dennis, SM, Chen, et al, 2010, 'What does integrated care mean to patients with Chronic Disease', *Primary Health Care Research Conference*, Darwin, Australia, 30th June - 2nd July 2010.
6. Robinson, A, Denney-Wilson, E, Laws, RA, & Harris, MF 2010, 'The emerging role of nurses in general practice: are they equipped to assess and manage child obesity?' *Australian and New Zealand Obesity Society*, Sydney, 21-23 October 2010.
7. Taggart, J, Liaw, ST, Harris, MF, Zwar, NA, et al, 2010, 'Establishing the UNSW electronic Practice Based Research Network (ePBRN)', *Primary Health Care Research Conference*, Darwin, Australia, 30th June - 2nd July 2010.

Government Report

1. Comino, EJ, Harris, MF, Haas, M, Furler, JS, et al, 2010, *Optimizing access to best practice primary health care a systematic review.*

Technical Report

1. Harris, MF, Taggart, J, Williams, AM, Dennis, SM, et al, 2010, *Effective determinants for supporting lifestyle health literacy and self management skills in primary health care*.
2. Harris, PJ, Wise, M, Dunn, S, & Kurko, J 2010, *Influencing healthy planning and policy development in local government: Summary report.*
3. Mackean, Tamara, & Harris, E 2010, *Health Impact Assessment of the Northern Territory Emergency Response*. Australian Indigenous Doctors' Association, Canberra.

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Further information about the Centre for Primary Health Care and Equity can be found at **www.cphce.unsw.edu.au**.

2 A. Prof Lynn Kemp from 1st January 2011