
UNSW research centre for primary health care and equity

2007 annual report



UNSW
THE UNIVERSITY OF NEW SOUTH WALES

Acknowledgments

We would like to acknowledge the support of the members of the Management Committee, chaired by the Senior Associate Dean, Professor Terry Campbell. We also thank the Advisory Committee, chaired by Emeritus Professor Ian Webster.

CPHCE gratefully acknowledges the support of Associate Professor Rosemary Knight, Head of the School of Public Health and Community Medicine during 2007. Our Centre has a close association with the School, many of whose staff are also collaborators and co-investigators in research projects and research student supervision.

Our research is conducted in the community and we depend on our partnerships with NSW Health (which provides infrastructure funding) and local health services (Area Health Services, Community Health and Divisions of General Practice), local government and non government organizations. In particular we collaborate with Sydney South West Area Health Service (SSWAHS) and the Illawarra Division of General Practice both of which host units of CPHCE. We would like to acknowledge the support that all our partners have provided during 2007.

We gratefully acknowledge support from a Capacity Building Infrastructure Grant from NSW Health, which supports the management and the development of research within the Centre.

Finally we acknowledge the staff of the CPHCE: the work of the Centre is the outcome of their hard work and commitment to working in an important but sometimes challenging area of research.

Contents

2	Acknowledgments
5	Background
6	Management and Advisory Committees
7	Message from the Chair
9	Message from the Chair of the Advisory Committee
11	Message from the Executive Director
13	Research
29	Teaching Activities
33	Partners and Affiliates
35	Staff
38	Financial Statement
39	Publications
46	Contact Us

Background

The UNSW Research Centre for Primary Health Care and Equity (CPHCE) was formally established by the UNSW Academic Board in 2005, bringing together four existing research groups within the School of Public Health and Community Medicine at the University of New South Wales:

- the Centre for General Practice Integration Studies (CGPIS)
- the Centre for Health Equity Training, Research and Evaluation (CHETRE), and
- researchers in the General Practice Unit at Fairfield Hospital and the Centre for Equity and Primary Health Research in Illawarra and Shoalhaven (CEPHRIS) based at the Illawarra Division of General practice.

These groups have worked closely together since 2002, with a shared focus on research relating to primary health care and health equity.

The long term vision of the Centre is better health and wellbeing in the community through stronger primary health care and policies and strategies that address health inequalities and the social determinants of health. CPHCE has three broad streams of work:

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

We are also actively engaged in building capacity for research in primary care within these streams of work.

Our work is at national, state and local levels. This enables us to address large system issues while at the same time reviewing their impact at a community level. We use a wide range of methods, including quantitative methods such as surveys, audit and analysis of population datasets, and qualitative methods including participatory action research.

Mark Harris is the Executive Director and leads the management team of directors which in 2007 comprised Gawaine Powell Davies, Elizabeth Harris, Lynn Kemp, Nicholas Zwar and David Perkins. The CEO (Gawaine Powell Davies) coordinates the administrative and operational systems across the Centre. During 2007, we employed over 63 staff who worked on 45 research programs or projects.

The Centre is overseen by a Management Committee which reviews its operations, including its annual report, budget, policies and relationships. The Centre also has an Advisory Committee which provides advice on the strategic direction of research. Within the Faculty of Medicine, the Centre is closely affiliated with the School of Public Health and Community Medicine.

Management and Advisory Committees

Management Committee

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	Chief Executive Officer, Centre for Primary Health Care and Equity. Director, Centre for General Practice Integration Studies
A/Professor Rosemary Knight	Head, School of Public Health and Community Medicine
Professor Bill Randolph	Director, City Futures Research Centre, Faculty of the Built Environment
Professor Ilan Katz	Director, Social Policy Research Centre
Dr Teresa Anderson	Director, Clinical Operations SSWAHS
Non-Voting Members	
Ms Sarah Ford (Secretariat)	Finance Manager, Centre for Primary Health Care and Equity

The management board met on 18th April and 23rd August in 2007.

Advisory Committee

Voting Members:	
Emeritus Professor Ian Webster (Chair)	School of Public Health and Community Medicine, UNSW
Ms Janet Anderson	Director of Inter-governmental and Funding Strategies Branch, NSW Health
Dr Andrew Dalley	Chief Executive Officer, Illawarra Division of General Practice
Ms Karen Edwards	Director of Primary and Community Health Services, Greater Southern Area Health Service (now a private consultant)
Professor Mark Harris	Executive Director, Centre for Primary Health Care and Equity
Mrs Elizabeth Harris	Director, Centre for Health Equity Training Research and Evaluation
A/Professor Rosemary Knight	Head, School of Public Health and Community Medicine UNSW
Professor John Macdonald	University of Western Sydney
Dr David Perkins	Director, Centre for Equity and Primary Health Research in the Illawarra and Shoalhaven
A/Professor Gawaine Powell Davies	Chief Executive Officer, Centre for Primary Health Care and Equity. Director, Centre for General Practice Integration Studies
Ms Bronwyn Wilkinson	Community and Extended Care Services, Northern Sydney Area Health Service (now a consultant in private practice)
Ms Marilyn Wise	Director, Australian Centre for Health Promotion, University of Sydney
Professor Nicholas Zwar	Professor of General Practice, General Practice Unit, SSWAHS

The Advisory board met on 5th July and 11th December in 2007.

Message from the Chair



Terry Campbell

It is my great pleasure to congratulate the Directors and Staff of CPHCE for a wonderful 2007, as detailed in this excellent annual report. Following the Award in mid 2006 of a Capacity Building grant from NSW Health, 2007 has been a year of growth and consolidation, secure in the knowledge that we are now beginning to acquire the sort of infrastructure that we need, in order to continue to build on the successes of the past few years and take our research to the next level. This

was further enhanced in 2007 by the provision of additional space at the Randwick site and will be dramatically further improved in early 2008 with the consolidation of the Centre and its staff in the new space provided by the Faculty in the former AGSM building (with the exception of some staff who will be continued to be housed by South West Sydney Area Health Service in Liverpool and Fairfield, and at the Division of General Practice in Wollongong).

The research work of the Centre is centred around three main “streams”, namely the prevention and management of chronic disease; primary health care system development; and understanding and intervening in health inequalities. These are all enormously relevant to the needs of a growing and ageing society and I have no doubt the Centre will continue to demonstrate a significant impact on government policy in these areas in the coming years.

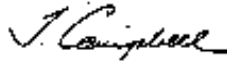
The Centre continues to grow its externally-funded peer-reviewed research income. It achieved a major award of an National Health and Medical Research Council (NHMRC) Project Grant titled The feasibility and impact of cardiovascular absolute risk assessment in general practice (\$799,000). Mark Harris and Lynn Kemp were awarded Research Fellowships, Elizabeth Harris was successful in attracting a Australian Research Council (ARC) funding for the continuation of the MESCH home visiting study and Elizabeth Comino an NHMRC grant for the Gudaga Aboriginal child cohort. The Centre also won the contract to evaluate the HealthOne NSW integrated primary health care program. Looking at the larger picture, the Centre produced 42 publications and was involved in 44 separate research projects in 2007. The Research Capacity Building Program continues to flourish under Nicholas Zwar’s leadership.

Another high point in 2007 was the regional Health Impact Assessment Conference, hosted by the centre in November. This was attended by more than 180 people from 13 countries from across the Asia Pacific region, and has consolidated the position of CPHCE as a leader in this area of work.

Congratulations are also due to Gawaine Powell Davies who has done a superb job in his first year as the CEO of the Centre. I have every confidence that the Centre will successfully navigate the challenges of the coming year including the comprehensive UNSW Review of CPHCE planned for November 2008.

The transition plan for enhancing the formal research training of Centre Staff is proceeding very well. Three staff members were awarded NHMRC PhD scholarships (to commence in 2008). We now have more than 50% of relevant staff enrolled in PhDs and have increased the number of new staff who have PhDs.

In short, CPHCE continues to excel at the same time as it grows and consolidates its position in the forefront of research into primary health care and chronic disease management. I look forward with confidence to a successful 2008.

A handwritten signature in black ink, appearing to read 'T. Campbell', with a stylized, cursive script.

TERRY CAMPBELL AM

Senior Associate Dean, Faculty of Medicine, UNSW

Message from the Chair of the Advisory Committee



Ian Webster

On behalf of the Advisory Committee I am pleased to acknowledge the excellent achievements of the Centre's staff. We share a sense of pride in the achievements of the whole group and the outstanding personal achievements outlined in the Annual Report.

The two principles of primary health care and health equity are vital if our community is to deliver effective prevention and health care to our disparate communities. There would not be one person who would not want to be able to access health services where they live and work. This is what primary health care delivers. There would not be one person who would not wish their health problem to be viewed through a 'whole-person' perspective rather than through the narrow lens of a disordered organ as so often happens. Of course special skills and knowledge are important, but only important when incorporated into an understanding of the totality of the impact of illness on the person and their social circumstances.

In a review of Richard Sennett's book *The Craftsman* in the *Guardian Weekly*, he is quoted as saying "(in) His search of British state-run hospitals for any residue of craftsmanship, this special human quality of being engaged, makes depressing reading. Doctors' and nurses' attitudes to patients are innately craftsmanlike, driven by curiosity, investigating slowly, retaining an ability to "learn from ambiguity". These special skills have been eroded by quantitative healthcare targets. No place for the craftsman's subtle and practised "interplay between tacit knowledge and self-conscious awareness" in the brutal Fordism of the health service."¹

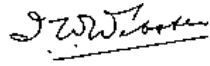
It is in the interplay between evidence and the subtleties of the personal encounters of illness where the Centre contributes. It blends the sciences of medicine, epidemiology and policy analysis in an ethical framework which is relevant to prevention and the front-line management of disease and disability that mars the lives of so many.

The Centre's work assists policymakers to make informed decisions about the role of primary health care in the overall delivery of health services. The Centre has made and is continuing to make important contributions to the management of chronic diseases, notably in self-management. Their work explores the role of nurses in primary health care and how health care teams can function to deliver better health outcomes. The team is leading evaluations into a range of prevention and early intervention initiatives in primary health care. And they are undertaking formal evaluations of government projects to establish comprehensive primary health care networks.

The ultimate aim of the research effort is to produce equitable long-term health outcomes. A good example is the studies into the effectiveness of early interventions in children born into disadvantaged families. These longitudinal studies fit so well with the continuing work in disadvantaged communities in the South West Sydney and other parts of Australia.

¹ McCarthy F (2008), Practice makes perfect. Book review, Sennett R, *The Craftsman* in *Guardian Weekly*, 22 February 2008, p 16-17.

The Advisory Committee congratulates the Centre's leaders and admires the work of the research streams. We join with Professors Terry Campbell and Mark Harris in thanking the external funders for their support and encouragement and we acknowledge the support of the University of New South Wales and the Faculty of Medicine.

A handwritten signature in black ink, appearing to read 'I. W. Webster', with a horizontal line drawn underneath.

IAN W WEBSTER AO

Emeritus Professor of Public Health and Community Medicine

Message from the Executive Director



Mark Harris

The UNSW Research Centre for Primary Health Care and Equity (CPHCE) has achieved a national and international reputation for its research in primary health care and health equity.

During 2007, we attracted a major increase in research funding including \$1.3 million in National Health and Medical Research Council (NHMRC), Australian Research Council (ARC) and other Category 1 funding in for new grants and extensions to existing projects. We continued to receive funding from NSW Health of \$490,000 under its Capacity Building Infrastructure grants and

Research Capacity Building Funding of \$425,000 from the Australian Government Department of Health and Ageing through the Primary Health Care Research Evaluation Development Strategy. We have increased our publications in peer reviewed journals (42) and have a growing number of research students (22) and medical students undertaking Honours or Independent Learning Projects (ILP) with the Centre (6).

Our research has had a demonstrable impact on government policy. Examples include input into the implementation of the Australian Better Health Initiative and 45 year Health Check in general practice based on our research on SNAP and the evaluation of the health check. We have also drawn on the results of our MESCH trial of intensive home visiting to provide input into the development of the NSW Health Supporting Families Early Policy. We have provided advice and input into the development and evaluation of the Health One NSW (Integrated Primary and Community Health Care Centres) program and the work of the NSW Health Chronic Aged and Primary Health Care Priority Task Force.

Our research continues to be relevant to primary health care practice including providing evidence and tools for best practice (cardiovascular risk, preventive care, behavioural risk factor management, diabetes prevention, Child and Family Health Nurse Home Visiting). We have also developed a number of innovative research methodologies and instruments such as a number of measures for assessing the capacity for chronic disease management in primary care and the quality of shared decision making in care planning,

We have continued to work with NSW Health to provide leadership and build capacity of Area Health Services and Local Government to undertake a large number and variety of Health Impact Assessments (HIAs). We have also developed the methodology for Equity Focused Health Impact Assessments.

We have developed our own research capacity and expertise in areas such as multilevel statistics, data linkage, mixed-method analysis, systematic reviews and instrument development and made this available to others involved in similar research. We have a skilled and enthusiastic team of 45 staff who are provided with regular opportunities for staff development as well as being encouraged and supported to undertake further study and career development.

All of our research involves multidisciplinary partnerships with a wide range of researchers, policymakers, practitioners, local communities and consumers which have ensured that our work is relevant to policy and practice. 2007 saw further growth in CPHCE's international profile and linkages. During 2007, three staff were awarded travelling fellowships and visited a number of international research groups including the Health Service Management Centre at the University of Birmingham, the National

Primary Care Research and Development Centre at the University of Manchester; the London School of Hygiene and Tropical Medicine in the UK; the Centre for Health Economics and Policy Analysis, McMaster University; The Department of Family Medicine, The University of Ottawa and the Julius Centre for Health Sciences and Primary Care, University Medical Centre Utrecht, Netherlands.

A highlight of the year was hosting the regional Health Impact Assessment Conference (HIA 2007) in November (see <http://www.hia2007.com/>). More than 180 people attended the Conference, representing 13 countries from across the Asia Pacific. It highlighted the diverse range of health impact assessment activity that is occurring in New South Wales, Australia and overseas and showcased CPHCE's role as a world leader in this area.

The Healthy Public Policy Program also continued to develop its profile in the Asia-Pacific – specifically assisting the Thai Healthy Public Policy Foundation in editing its HIA training manual and maintaining The Asia Pacific HIA listserv which currently has more than 340 subscribers from 15 countries across the Asia Pacific region.

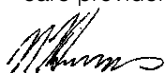
A very successful workshop on Chronic Disease Self-Management was held in August featuring Professor Anne Rogers of the National Primary Care Research and Development Centre at the University of Manchester. This was well attended by over 50 participants and has served as a great stimulus to our own research on self management. We also organized a workshop on Hospitalists to coincide with a visit from an experienced hospitalist and researcher, Associate Professor Jeanne Huddleston from the Mayo Clinic in the USA. This workshop was attended by researchers from CPHCE involved in evaluating the hospitalists program in NSW and other interested parties and provided a great opportunity for discussion and debate about the program with an international perspective.

We also hosted visits from a number of visiting academics including Judith Smith of the University of Birmingham and Professor Bonnie Sibbald, Professor Anne Rogers and Professor Helen Lester all from the National Primary Health Care Research and Development Centre in Manchester.

Looking Forward

In 2008 and beyond we will build upon our achievements to date by:

- further developing our three research streams
- encouraging more exchange visits for visiting scholars with partner institutions and further increasing the Centre's international profile
- supporting and encouraging research students to be attached to the Centre
- improving further our dissemination of research findings the quality and number of peer reviewed publications and the transfer of our research to policy and practice through workshops, symposia, and presentations to policy makers and practitioner groups, and
- strengthening our partnerships with health and human services and with health care providers involved in our research.



PROFESSOR MARK HARRIS

Executive Director, UNSW Research Centre for Primary Health Care & Equity

Research

Fellowships and Scholarships

Fellowships	Recipient
National Health and Medical Research Council Primary Health Care Research, Evaluation and Development Senior Professorial Fellowship	Mark Harris
National Health and Medical Research Council Primary Health Care Research, Evaluation and Development Mid-Career Fellowship	Lynn Kemp
National Health and Medical Research Council Post-Doctoral Fellowship (HERON Project)	Elizabeth Comino
Australian Primary Health Care Research Institute Stream 7 Travelling Fellowship	Sarah Dennis
Australian Primary Health Care Research Institute Stream 7 Travelling Fellowship	Julie McDonald
Australian Primary Health Care Research Institute Stream 7 Travelling Fellowship	Gawaine Powell Davies
Scholarships	
Australian Postgraduate Award Scholarship	Qing Wan
National Health and Medical Research Council PhD Scholarship (for 2008)	Ben Harris-Roxas
National Health and Medical Research Council PhD Scholarship (for 2008)	Rachel Laws
National Health and Medical Research Council PhD Scholarship (for 2008)	Julie McDonald
National Health and Medical Research Council PhD Scholarship	Tim Shortus

Research Projects and Programs

CPHCE 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. An additional underpinning stream of activity is the UNSW Primary Health Care Research Capacity Building Initiative, which is funded through the Australian Government Universities Research Capacity Building Initiative (RCBI), a key component of the National Primary Health Care Research, Evaluation and Development Strategy (PHCRED).

The following pages provide descriptions of current research projects listed under their respective streams. Projects that were completed during 2007 are marked with an asterisk (*). The research teams include both investigators and research staff. Affiliations are included for those who are not part of CPHCE. The names of the first-named chief investigators are in bold and those of project coordinators are underlined. The rest of the research team is listed in alphabetical order. Funding bodies for each project are included in brackets after the project name.

Prevention and Management of Chronic Disease

New approaches to preventing and managing chronic disease are being developed, with an increasing emphasis on providing high quality care within primary health care, particularly general practice. Within this stream there are three main programs of work:

- improving quality of care for chronic disease
- organising chronic disease management, and
- preventing chronic disease.

Improving quality of care for chronic disease

This program arose from a large number of projects conducted over the past decade including the Divisions Diabetes and Cardio-vascular Disease Quality Improvement Project (DDCQIP) and studies of care planning, asthma, chronic obstructive pulmonary disease (COPD) and cardiovascular disease. This work has informed policies at the national level including the National Integrated Diabetes Program and chronic disease initiatives as well as the Enhanced Primary Care Program and the modification of the Asthma 3+ Visit Program. A key direction for the future has been an increased focus on intervention studies evaluating elements of the Chronic Care Model, especially self management, delivery system design, decision support and information systems.

A cluster randomised control trial of nurse and general practitioner partnership for care of chronic obstructive pulmonary disease (COPD) (NHMRC)

Research Team: **Nicholas Zwar**, [Oshana Hermiz](#), Elizabeth Comino, Iqbal Hasan, Guy Marks (Liverpool Hospital), Sandy Middleton (Australian Catholic University), Sanjyot Vagholkar.

This randomised control trial evaluates the impact of a partnership between practice nurses and GPs on the quality of care and health outcomes for patients with COPD. Participants are GPs practising within four Divisions of General Practice in South West Sydney and the study is following

up the care and outcomes for their patients with COPD.

A project to assess the effectiveness and feasibility of case finding of chronic obstructive pulmonary disease (COPD) by practice nurses in General Practice (UNSW Faculty of Medicine Research Grant)

Research Team: **Jeremy Bunker**, Sarah Dennis, Oshana Hermiz, Guy Marks (Liverpool Hospital), Sanjyot Vagholkar, Nicholas Zwar.

This project investigates the prevalence of COPD diagnosis in an Australian general practice setting, and whether an intervention utilising practice nurses addresses under-diagnosis of COPD.

Analysis of patterns of diabetes care and their outcomes from Division registers (The Department of Health and Ageing)*

Research Team: **Mark Harris**, [Jane Taggart](#), [Qing Wan](#), Gawaine Powell Davies.

Division registers provide longitudinal data on the quality of care and health outcomes for patients with diabetes in general practice. The Macarthur and Southern Highlands Division registers have been established for more than ten years. This project described the quality of care and health outcomes for patients over a ten year period.

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 (NVAf) 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.

Evaluation of Moving On: A self-management program for people with chronic illness (Arthritis Foundation)

Research Team: **Anna Williams**, Diana Aspinall (Arthritis NSW), Leah Bloomfield (School of Public Health and Community Medicine), Mark Harris, Neil Orr (National Prescribing Service).

This project has three stages (1) pre-test; (2) pilot study; (3) randomised control trial. The two-armed randomised control trial with rural and metropolitan branches aims to evaluate the impact of the Moving On Program on participants' knowledge and skills for self management, attainment of selected goals, behaviour change and perceived improvements in health status.

Follow up study of the Liverpool Sharing Health Care Initiative Chronic Disease Self Management Demonstration Project*

Research Team: **Mark Harris**, **Anna Williams**, Shane Pascoe, Kathurn Daffurn, Gawaine Powell Davies, Nicholas Zwar

This follow up evaluation study involved qualitative semi-structured interviews and focus groups with clinicians and managers who were involved in the 2005 South West Sydney Chronic Disease Self Management project.

Further analysis of data from the Divisions Diabetes and Cardio-vascular Disease Quality Improvement Project (DDCQIP) (The Department of Health and Ageing)*

Research Team: **Mark Harris**, **Qing Wan**, Gawaine Powell Davies.

This aim of this analysis of DDCQIP data is to determine absolute risk of patients with diabetes and to compare data for patients in rural and urban areas.

General practitioners and palliative care study (General Practice Education and Training)

Research Team: **Joel Rhee**, Andrew Broadbent (Hope Healthcare), Sarah Dennis. Geoff Mitchell (University of Queensland), Sanjyot Vagholkar, Nicholas Zwar.

The aim of this study is to identify the main issues that GPs face in providing palliative care to patients in the community and determine their relative importance.

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), Dominic Leung (Liverpool Hospital), James Van Gelder (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 (NVAf) 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.

The Collaborative Care Planning Scale: A new measure of patient involvement in chronic disease care planning (NHMRC PhD Scholarship)

Research Team: **Mark Harris**, **Tim Shortus**, Lynn Kemp, Suzanne McKenzie.

The Collaborative Care Planning Scale (CCPS) is a patient questionnaire designed to measure patient involvement in chronic disease care planning. In this study, patients with diabetes and cardiovascular comorbidities will complete the scale and related measures. Standard psychometric techniques will be used to determine whether the CCPS is a reliable and valid scale for use in studies of interventions to improve the health outcomes of people with chronic and complex illnesses.

Use of vignettes in the diagnosis of asthma (UNSW Faculty of Medicine Research Grant)

Research Team: **Nicholas Zwar**, **Sarah Dennis**, Guy Marks (Liverpool Hospital).

This focus group study aims to identify patient attributes likely to influence a GP to make a diagnosis of asthma in adults. Results from the thematic analysis will inform the development of a series of vignettes to be used in a larger survey of GPs.

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Organising chronic disease management

The Practice Capacity Study was a cross sectional study of the capacity of general practices to provide quality care for patients with chronic disease conducted between 2003 and 2004. The study has resulted in a number of publications and has influenced RACGP policy in relation to teamwork in general practice and the role of practice nurses in chronic disease management. We are now conducting a number of intervention studies of teamwork both within general practice and between it and other services. We have also begun to study substitution of roles for care of patients with chronic disease in general practice.

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

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

This project evaluates a practice based intervention to improve teamwork between general practice and other services in the care of patients with diabetes and cardiovascular disease. An initial qualitative phase is now being followed by a quasi experimental study with practices in four Divisions.

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

Research Team: **Mark Harris**, David Perkins, Jane Taggart, Cheryl Amoroso, Justin Beilby (Adelaide University), Barbara Booth, Deborah Black (School of Public Health and Community Medicine, UNSW), Sunshine Bustamante, Bettina Christl, Patrick Crookes (University of Wollongong), Mahnaz Fanaian, Maureen Frances, Matt Hanrahan (Alliance of NSW Divisions), Sue Kirby, Geoffrey Meredith (University of New England), Elizabeth Patterson (Griffith University), Gawaine Powell Davies, Judy Proudfoot (School of Psychiatry, UNSW), Anita Schwartz, Jocelyn Tan.

This project began with extensive qualitative studies in general practice including focus groups, stakeholder interviews and practice case studies, followed by a randomized controlled trial of an intervention to support practices to develop teamwork, especially the role of practice managers and nurses for better management of diabetes and cardiovascular disease. Divisions and practices have been recruited in NSW and Victoria.

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Preventing chronic disease

Following the Development of the Australian Department of Health and Ageing SNAP Framework, we conducted a successful trial of the Framework 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. Current directions for our work are in further development and evaluation of risk assessment and management of behavioural risk factors both within primary health care and in referral services.

Community health risk factor management research project (Community Health SNAP) (NSW Health)

Research Team: **Gawaine Powell Davies**, Rachel Laws, Cheryl Amoroso, Mark Harris, Anna Williams.

This project follows on from the general practice SNAP trial, and is testing the use of the SNAP (Smoking, Nutrition, Alcohol, Physical Activity) framework in community health. This involves working with three Community Health Teams in two Area Health Services to review the scope for risk factor interventions, develop models for risk factor management and then to evaluate their acceptability, integration into clinical routines, client reach and acceptability.

Evaluation of Lifescripts implementation in Demonstration Divisions

Research Team: **Gawaine Powell Davies**, [Anna Williams](#).

It is well recognized that lifestyle changes can help to prevent chronic disease. In 2004 the Australian Government produced a range of Lifestyle Prescription (Lifescripts) resources to support risk factor management in general practice.

During 2007-2008, the Department of Health and Ageing has funded fifteen Divisions of General Practice to participate in the Lifescripts Demonstration Divisions project, each of which is implementing different models of Lifescripts. This project will document the models developed and evaluate the strategies used by both the Divisions and practices in implementing the models and likely impact on transferability and sustainability.

Health Improvement and Prevention Study (vascular prevention in general practice) (NHMRC)

Research Team: **Mark Harris**, [Mahnaz Fanaian](#), Cheryl Amoroso, Liz Develin (NSW Health), Gaynor Heading (NSW Cancer Institute), Upali Jayasinghe, David Lyle (Broken Hill UDRH, Sydney University), Suzanne McKenzie, Megan Passey (Northern Rivers UDRH, Sydney University), Gawaine Powell Davies, Kate Purcell, Chris Tzarimas (Lifestyle Clinic, Faculty of Medicine, UNSW), Qing Wan, Nicholas Zwar.

This randomised control trial aims to evaluate the impact of a general practice based intervention for patients at a high risk for vascular disease on change in behavioural and physiological risk factors. This is conducted as part of recall for a

health check in general practice with referral of high risk patients to a intensive physical activity and nutrition program.

Lifestyle risk factor management in 45-49 year health check in general practice (APCHRI)

Research Team: **Mark Harris**, [Cheryl Amoroso](#), Amanda Ampt, Rachel Laws, Gawaine Powell Davies, Suzanne McKenzie, Anna Williams, Nicholas Zwar.

This study compares the change in lifestyle behaviour of patients aged 45 to 49 before and after receiving a health check by their GP. The study also explores the process of this health check, including what support general practice and other services require to provide lifestyle intervention for patients. Eight practices in South Eastern Sydney and Central Sydney Divisions of General Practice are involved, recalling patients to attend for a health check. GPs, nurses, and patients will each complete a survey at baseline and three months, and GP and nurses will also participate in an interview.

Shared absolute cardiovascular risk assessment in general practice (APA Scholarship, UNSW Faculty of Medicine Research Grant)

Research Team: **Mark Harris**, [Qing Wan](#), Terry Campbell (Faculty of Medicine, UNSW), Sanjyot Vagholkar, Nicholas Zwar.

This study involves the development and evaluation of a model of shared assessment of absolute cardiovascular risk between GPs and their patients. A qualitative study with nine key informants and two focus groups has been completed and the shared assessment tool has been developed. A pilot study was conducted in three practices.

Primary Health Care System Development

The growing recognition of primary health care is reflected in recent national and state initiatives such as the Australian Better Health Initiative and the NSW Integrated Health Primary and Community Health Policy 2007-2012. Integrating care and improving continuity across providers, levels and sectors of health care remain major challenges for health care.

There are three main program areas within this research theme:

- primary health care policy development
- improving integration of services and continuity of care, and
- access to primary health care.

Primary Health Care Policy Development

Over recent years, primary health care has tended to develop separately at Commonwealth and state level. The Centre has contributed to Commonwealth-driven developments in general practice and reviewed their contribution to comprehensive primary health care, and also supported the development of the recently launched NSW Health Integrated Primary and Community Health Policy 2007-2012.

Future work will continue to focus on developing our understanding of comprehensive primary health care and the way this is supported in the health policy and other initiatives, and on the search for more integrated care between state and Commonwealth funded services. This will be illuminated by comparisons with developments in other comparable countries.

Developing performance indicators for primary and community health services (NSW Health)*

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

This research was carried out for NSW Health, who were seeking performance indicators to support implementation of the NSW Integrated Primary and Community Health Policy. The indicators were developed in consultation with stakeholders from across primary health care.

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Improving Integration of Services and Continuity of Care

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

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

A framework for strengthening the integration of primary and community health services for small rural/remote communities in the Hunter New England Area Health Service (Hunter New England Area Health Service)*

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

Following an external evaluation of their Regional Health Services program, the Hunter New England Area Health Services commissioned this review of opportunities for improving integration amongst the primary health care services (community health, general practice and Aboriginal health services) for small communities.

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Evaluation of the Hospitalist program (NSW Health)

Research team: **David Perkins**, Jeffrey Braithwaite (Centre for Clinical Governance, UNSW), Mark Harris, Karen Larsen, Gawaine Powell Davies.

'Hospitalist' is a new role for salaried medical staff within hospitals, which thanks to improved coordination and continuity of care throughout the patient journey. This evaluation reviews a pilot program introducing this role into four NSW hospitals.

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Optimising skill-mix in the primary health care workforce for the care of older Australians – a systematic review (APCHRI)*

Research Team: **Nicholas Zwar**, **Sarah Dennis**, Rhonda Griffiths (University of Western Sydney), Iqbal Hasan, Jenny May (University of Newcastle), David Perkins.

This systematic review investigated the skill mix required to provide long term primary care for older Australians living in the community.

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What is the place of generalism in mental health care in Australia? A systematic review (APHCRI)

Research team: **David Perkins**, Mark Harris, Karen Larsen, Helen Lester (National Primary Health Care Research and Development Centre, UK), Julie McDonald, Gawaine Powell Davies, Anna Williams.

This review investigated the elements of mental health care that are best carried out by generalists and the support that this may require, including relationships with specialist services and providers, and the workforce implications of these arrangements.

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Access to Primary Health Care

Little is known about patterns of access to quality care, particularly for those requiring care over time for chronic conditions. Recent work has included studies of access to primary health care for people with diabetes and asthma, using data from population health surveys. Future work will use record linkage to relate the use of primary health care to other health service indicators.

Access to primary health care (The HERON Network¹)

Research team: **Elizabeth Comino**, Elizabeth Harris, Mark Harris, Gawaine Powell Davies, Anthony Zwi (School of Public Health and Community Medicine, UNSW).

This research program aims to increase the use of routine population health data collections for primary health care research. Data sources include population health surveys, administrative data from State and Commonwealth Departments of Health, Child and Family Data from Sydney South West Area Health Service and other research and general practice based data collections.

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Equity of access to and use of quality primary health care for people with diabetes: a secondary analysis of the AusDiab survey (The HERON Network)

Research team: **Elizabeth Comino**, Jeff Flack (Bankstown Hospital), Elizabeth Harris, Mark Harris, Jonathan Shaw (International Diabetes Institute, Melbourne).

The AusDiab survey was the first purpose designed population-based survey of diabetes in Australia. This research is exploring the use of the AusDiab data to provide information on access to and use of quality PHC for diabetes care.

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1 The HERON network was established under an NHMRC Health Services Research Capacity Building Grant. It is auspiced by the Sax Institute with The University of Sydney, The University of New South Wales, University of Technology Sydney, The Cancer Council NSW and NSW Health.

Quality primary care, hospital admission, and socioeconomic status and remoteness among older Australians with diabetes (The HERON Network)

Research team: **Elizabeth Comino**, Jeff Flack (Bankstown Hospital), Mark Harris, Bin Jalaludin (Sydney South West Area Health Service), Louisa Jorm (Sax Institute), Gawaine Powell Davies, Anne Young (University of Newcastle).

We are currently seeking NHMRC funding to use the 45 and Up cohort and data linkage facilities to examine the relationships among quality primary care, hospitalisation and socioeconomic status and remoteness (in collaboration with the Sax Institute and the University of Newcastle)

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Socioeconomic determinants of access to and use of primary health care for management of asthma (The HERON Network)*

Research team: **Elizabeth Comino**, Mark Harris, Guy Marks (Liverpool Hospital), Gawaine Powell Davies.

This project considered the use of population health surveys to provide information on management strategies used by people with asthma and examines the socioeconomic determinants of access to and use of asthma care.

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The National Health Survey 2001: usefulness to inform a discussion on access to and use of quality primary health care using type 2 diabetes mellitus as an example (The HERON Network)*

Research team: **Elizabeth Comino**, Tien Chey (Liverpool Hospital), Elizabeth Harris, Mark Harris, Stephen Lillioja (Liverpool Hospital), Gawaine Powell Davies.

This study explored the utility of the conceptual framework using the National Health Survey 2001 as an example. We describe the prevalence of type II diabetes mellitus, indicators of quality primary care and the population factors that are associated with reported quality of care of diabetes.

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Using population health surveys to provide information on access to and use of quality primary health care (HERON)*

Research team: **Elizabeth Comino**, Jeff Flack (Bankstown Health Service), Elizabeth Harris, Mark Harris, Oshana Hermiz, Gawaine Powell Davies.

This research began with creating a conceptual framework based on domains of high quality health care and then developed indicators of quality primary health care using type II diabetes mellitus as an example. These indicators were tested using the ABS 2001 National Health Survey (2001 NHS), New South Wales Health Survey in 2002 and 2003 (NSW HS 2002/3) and AusDiab.

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Understanding and Intervening to Reduce Health Inequalities

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

There are three main program areas within this research theme:

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

Early Childhood

The experience of children in their early years has a strong effect on their 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 the NSW Health Supporting Families Early policy, the advancement 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 (ARC)

Research team: **Elizabeth Harris**, [Lynn Kemp](#), Teresa Anderson (SSWAHS), Henna Aslam, Sue Dockett (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).

This recently funded study will follow up the families in the MECOSH project, a randomised control trial investigating the impact of a comprehensive home-visiting program for at risk mothers (see below), and will determine whether the gains made by children in the MESCH project who have received sustained home visiting from pregnancy to age two are maintained into the preschool years and the transition to school.

Evaluation of midwifery group practice (SSWAHS)*

Research Team: [Lynn Kemp](#), Amanda Kemp, Pat Brodie (SSWAHS), Jennifer Knight.

The provision of maternity care for the women of the Camden district has been the subject of much political, health service and community debate over recent years. The Area Health Service has developed a model of midwifery-led care for Camden women with low-risk pregnancies, implemented in July 2006. This study evaluated this model of care and is the important next step to further development of sustainable maternity services for the people of Camden.

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

Research team: **Elizabeth Comino**, Jennifer Knight, Cheryl Jane Anderson, Pippa Craig, Alison Derrett (SSWAHS), Elizabeth Harris, Mark Harris, Richard Henry (Sydney Children's Hospital), Lisa Jackson Pulver (School of Public Health and Community Medicine, UNSW), Bin Jalaludin (SSWAHS), Brendon Kaleher (SSWAHS), Dennis McDermott, Jenny McDonald (SSWAHS), Sharon Nicholson (SSWAHS), Darryl Wright (Tharawal Aboriginal Corporation).

The Gudaga project is a birth cohort of 159 Aboriginal infants born in Campbelltown Hospital from Oct 2005 – May 2007. The babies are being followed over a 12 month period. The project is describing the health, development and health services use of these infants and their mothers. Infants are visited in their homes when they are 2-3 weeks and six months of age. At 12 months each child receives a full paediatric assessment using the Griffiths instrument.

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

Research team: **Elizabeth Comino**, Jennifer Knight, Cheryl Jane Anderson, Alison Derrett (SSWAHS), Pippa Craig, Elizabeth Harris, Mark Harris, Lisa Jackson Pulver (School of Public Health and Community Medicine, UNSW), Bin Jalaludin (SSWAHS), Lynn Kemp, Kelvin Kong (St Vincent's Hospital), Peter Smith (Faculty of Medicine, UNSW), Jenny McDonald (SSWAHS), Vicki Wade (SSWAHS), Darryl Wright (Tharawal Aboriginal Corporation).

In 2007 additional funding was secured to continue the Gudaga study until the children reach five years of age. This second stage builds on the work of the original Gudaga project and continues to describe the health, development and human services use of Aboriginal children. The qualitative component to the study seeks to identify the hopes and dreams the mothers have for their children. The children receive a full paediatric assessment when they are three and five years of age.

Maternal psychosocial risk factors: improving identification of risk (NSW Health)*

Research Team: **Katina Kardamanidis**, Lynn Kemp.

In a disadvantaged community, some women may be reluctant to disclose issues to midwives undertaking psychosocial assessment. This study explored the circumstances under which women will disclose personal information, and analysed the relationships between risks to determine ways of improving the assessment process.

Randomised control trial of early childhood sustained home visiting (MECSH project) (ARC, The NSW Department of Community Services, SSWAHS, The Department of Health and Aging)

Research team: **Lynn Kemp**, Elizabeth Harris, Teresa Anderson (SSWAHS), Henna Aslam, Amanda Kemp, Cathy McMahon (Macquarie University), Stephen Matthey (SSWAHS), Sheryl Scharke, Virginia Schmied (University of Western Sydney), Graham Vimpani (University of Newcastle).

This randomised control trial is investigating the impact of a comprehensive sustained professional home visiting program initiated antenatally for at risk mothers in a very disadvantaged community. This study is due for completion in mid-2008, and early findings are informing the development of child and family health policy and practice in NSW.

The impact of universal home visiting on access to child and family health nursing services in Sydney South West Area Health Service (South West Sydney Area Health Service)

Research Team: **Elizabeth Comino**, Garth Alperstein (SSWAHS), Lien Hong Bui (SSWAHS), Trish Clark (SSWAHS), John Eastwood (SSWAHS), Bin Jalaludin (SSWAHS), Lynn Kemp, Diana Kenrick (SSWAHS), Carolyn Woodhouse (SSWAHS), Lis Young (Simpson Centre).

The NSW Families First Initiative included universal home visiting for all families with newborn infants to connect vulnerable and at-risk families who do not access centre-based services to child and family health services. Two studies are being undertaken to determine whether the universal home visit is achieving this aim. This project involves deterministic and probabilistic linkage of maternal and child and family health services data.

Transitions of care between midwifery and child and family health services (NSW Nurse and Midwives Board)*

Research Team: **Caroline Homer** (University of Technology Sydney), Carolyn Briggs (University of Technology Sydney), Lynn Kemp, Nicky Leap (University of Technology Sydney), Virginia Schmied (University of Western Sydney).

Effective collaboration between midwives and child and family health nurses will maximise the woman's and family's experience and promote equity of access to services. The transition or transfer of care from midwives to child and family health nurses is a critical process. This study in collaboration with University of Technology Sydney, explored the relationships between midwifery and child and family health nursing services in NSW and identifying best practice models for continuity of care.

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 the needs of the public health workforce who work in these communities.

Cognitive Behavioural Therapy (CBT) intervention for people who are unemployed.(Job Futures/The National Unemployment Network)*

Research team: **Elizabeth Harris**, Vanessa Rose, Bev Johnson (University of Western Sydney), Janette Perz (University of Western Sydney).

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. A trainers' manual and participant workbook have been developed. The next phase of this research is to disseminate finding to psychologists working with Divisions of General Practice and Job Network members.

Evaluation of Community 2168 Community Regeneration Intervention (Liverpool City Council)

Research Team: **Elizabeth Harris**, Karen Larsen, Tanya Harris-Roxas, Lynn Kemp 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 fourth Miller Household Survey was undertaken and in-depth interviews were carried out with members of the management committee and other working parties. We have also undertaken a community mapping project to identify the existing community resources in the area. This round of the evaluation will provide further evidence of any potential impacts on Miller residents and views from stakeholders on the impacts, issues and future directions of the project.

Locational disadvantage: Focussing on place to improve health (SSWAHS)

Research Team: **Elizabeth Harris**, Betty Gill (University of Western Sydney), Mark Harris, John MacDonald (University of Western Sydney), Lynne Madden (NSW Health), Lee Ridoutt (Human Capital Alliance), Peter Sainsbury (University of Sydney), Jo Travaglia (Centre for Clinical Governance, UNSW), Marilyn Wise (University of Sydney).

We have been funded by SSWAHS to develop and pilot a short course for the public health workforce on working in disadvantaged communities. This follows two earlier phases of the project. In the first phase of this project a generic workforce Needs Assessment Model was developed and piloted in three Area Health Services with the public health workforce working in disadvantaged areas. In Phase 2 specific competencies for working in locationally disadvantaged communities were identified and these will form the basis of the training course.

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Equity and Healthy Public Policy (including Health Impact Assessment) (HIA)

Healthy Public Policy systematically and transparently incorporates considerations of health and well-being into the planning and implementation of policies, programs and projects by government, non-government and the private sectors in ways that minimise health risk, promote health and reduce health inequity. The work of the NSW HIA project has shown Health Impact Assessment (HIA) to be an essential practical tool for developing healthy public policy and encouraging collaboration among health professionals and with other sectors.

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NSW HIA capacity building project (NSW Health)

Research team: **Elizabeth Harris**, Stephen Green, Patrick Harris, Ben Harris-Roxas, Lynn Kemp.

The NSW HIA Project aims to build the capacity of the NSW health system to undertake health impact assessments (HIAs). This work has included supporting 22 HIAs lead by the health sector; providing training and education to NSW Health staff and others through workshops, seminars and the development of a Masters-level unit on HIA; creating a practical guide to HIA; and developing active communication around HIA through the use of newsletters and the HIA connect website.

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Rapid Equity focussed HIA – Australian Better Health Initiatives (NSW Health)

Research team: **Elizabeth Harris**, Patrick Harris, Ben Harris-Roxas, Lynn Kemp.

CPHCE was commissioned by NSW Health to conduct a rapid equity focussed health impact assessment on the implementation plan for the Australian Better Health Initiatives in NSW, which aim to promote good health and reducing the impact of chronic disease.

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Human health and wellbeing in environmental assessments in NSW (UNSW Faculty of Medicine Research Grant)

Research team: **Patrick Harris**, Elizabeth Harris, Ben Harris-Roxas, Lynn Kemp, Roger Lyle, Susan Thompson (Faculty of the Built Environment, UNSW).

This project aims to address how comprehensively health impacts are addressed in Environmental Assessments of 'Major Projects' in NSW. An audit tool, developed with input from a reference group including representatives from NSW Department of Planning and NSW Health, was developed and used to assess the content of 31 completed environmental assessments undertaken in NSW between July 2006 and December 2007. Findings will be used to inform guidance on conducting major project environmental assessments.

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The development of a conceptual framework for evaluating the impact and effectiveness of Health Impact Assessment (UNSW Faculty of Medicine Research Grant)*

Research Team: **Ben Harris Roxas**, Lynn Kemp, Judy Proudfoot (School of Psychiatry, UNSW), Vanessa Rose.

This study developed a conceptual framework for evaluating the adoption of HIA recommendations and other reported indirect impacts. This will be done through a multi-stage research design. The study's findings have been disseminated to HIA practitioners internationally and has led to a successful National Health and Medical Research Council Postgraduate Training Scholarship.

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Case Study for the World Health Organisation (WHO) Commission on the Social Determinants of Health (World Health Organisation)

Research Team: **Patrick Harris**, Tony Lower (Secretariat of the Pacific Community), Jan Ritchie (School of Public Health and Community Medicine, UNSW) Graham Tabi (Pacific Action for Health Project).

This case study research was commissioned as part of the priority public health knowledge network of the WHO Commission on the Social Determinants of Health. The case study was an integrated health promotion program, the Pacific Action for Health Project, to address non-communicable disease risk factors in young people in Vanuatu.

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Other

HIA2007 Conference

At the end of 2007, the NSW HIA Project hosted the inaugural HIA2007 South East Asia and Oceania Health Impact Assessment Conference in Sydney from 7-9 November 2007. Attended by more than 180 HIA practitioners from more than a dozen countries, the conference showcased the diverse range of HIA activity that is occurring across the Asia Pacific region, including Australia, Thailand, Cambodia, Vietnam, Lao PDR, New Zealand and South Korea. AusAID provided support for five delegates from the South East Asia region to attend through the International Seminar Support Scheme.

The UNSW Primary Health Care Research Capacity Building Initiative

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

Integral to work of the capacity building stream is the **Primary Health Care Research Network (PHReNet)**, which provides information and support to a broad membership, including general practitioners, staff of Divisions of General Practice, and community and allied health professionals. PHReNet currently has 325 members and offers the following services: education in basic research skills, mentoring and support for early career researchers, research seminars, an Evidence Based Practice journal club, and writing support groups.

A major new development for the program is the launch of **PHReNet-GP** a practice based research network, established to streamline and encourage GP participation in CPHCE projects. A dinner held in October 2007, successfully launched PHReNet-GP and thanked GPs for their ongoing support and participation in CPHCE research. Awards were given to: Dr Vipin Goyal, Dr George Tang, Dr Peter Edwards, Dr Qudsia Hasnani and Dr Phillip Lye in recognition of their outstanding contributions to the research of the Centre.

The 2007 UNSW RCBI team included:

Name	Position
Prof Nicholas Zwar	Director
Vanessa Traynor	Co-ordinator Support in South East Sydney
Suzan Mehmet	PHReNet Administrator
Dr Sarah Dennis	Senior Research Fellow, South West Sydney
Pippa Burns	Support in the Illawarra and Shoalhaven region (Maternity leave from May 2007)
Lesley Hare	Support in the Illawarra and Shoalhaven region (Maternity leave cover).

Key achievements:

Education

- We conducted seven introductory research skills workshops attended by a total of 57 participants (Presenters: Pippa Burns, Sarah Dennis, David Perkins, Lesley Hare, Vanessa Traynor).
- We ran three evidence based practice journal club meetings, attended by a total of 18 participants (Presenters: Sarah Dennis, Sanyot Vagholkar).
- We conducted three sessions of our writing support group, attended by 18 participants (Sarah Dennis, Suzan Mehmet).
- We co-convened two state-wide PHC short courses on research methods, with a total of 25 participants in each (Sarah Dennis, Vanessa Traynor, Nicholas Zwar).
- We contributed a session on session on evidence based practice and critical appraisal to a sutherland division of general practice continuous professional development weekend workshop (Sarah Dennis).
- In conjunction with the Institute of General Practice Education, PHReNet conducted three research seminars featuring six research presentations, with 36 people attending.
- We contributed to teaching General Practice Education and Training registrar research workshops (Mark Harris, Nicholas Zwar).

Mentoring and supervision:

- We maintained a productive and active research network (PHReNet) with 325 members, compared to 280 members in 2006.
- We continued to support the Academic Registrar position at the GP Unit in Fairfield Hospital. This year's registrar, Dr Joel Rhee completed a successful project concerning GPs and palliative care (see p 15 for more information about this project).
- We provided informal ad-hoc advice to a range of PHReNet members across the four regions.
- We provided ongoing mentoring and support to a total of 17 projects:
 1. *A randomised controlled trial to assess the effectiveness of tai chi for people with type 2 diabetes* - Dr Paul Lam (GP-led Project. Supervisors: Sarah Dennis, Nicholas Zwar)
 2. *COPD diagnosis project* – Dr Jeremy Bunker (GP-led project. Co-investigators: Nicholas Zwar, Sanjyot Vagholkar, Sarah Dennis)
 3. *Croatian community needs assessment, fairfield local government area* - Sarafina Zubovic (Multicultural Health, SSWAHS. Supervisor: Sarah Dennis)
 4. *Do patient attitudes contribute to frequent admissions?* Sue Kirby (former Researcher Development Program Masters Student project, now PhD candidate project. Supervisors: Sarah Dennis, Mark Harris)
 5. *GP exercise referral scheme* - Shona Dutton (Researcher Development Program Masters Student project. Supervisors: Sarah Dennis, Nicholas Zwar)
 6. *GPs and palliative care study* - Dr Joel Rhee (academic GP registrar project. Supervisors: Sarah Dennis, Sanjyot Vagholkar, Nicholas Zwar)
 7. *Illawarra Division of General Practice Better Outcomes in Mental Health Care: second interim evaluation, changes and achievements over time* - Anne Harley (Researcher Development Program Masters Student project. Supervisors: Lesley Hare, David Perkins)
 8. *Iron deficiency in African women* – Lolade Folagbade, (Multicultural Health, SSWAHS. Mentors: Sarah Dennis, Suzan Mehmet)
 9. *Kava use in Tongan men in Macarthur* – Della Maneze and Anau Speizer (Community Health, SSWAHS. Supervisor: Sarah Dennis)
 10. *Mental health in Chinese immigrant patients* – Dr George Tang (GP-led Project. Supervisors: Elizabeth Comino, Sarah Dennis)
 11. *Improving communication and time management skills in hospital GP registrars* - Dr Saw Hooi Toh, Institute of General Practice Education (GP educator project. Supervisor: Sarah Dennis)
 12. *Non-steroidal anti-inflammatory drugs in general practice – a decision making dilemma* – Dr Suzi Mikhail (academic GP registrar project. Supervisors/mentors: Sarah Dennis, Vanessa Traynor, Sanjyot Vagholkar, Nicholas Zwar)
 13. *Obstructive sleep apnea in primary care* – Dr Soheyl Aran (GP-led project. Supervisor: Sarah Dennis)
 14. *One Small Step – behaviour change and the internet* – Dr John Shepherd (GP-led project. Supervisors: Vanessa Traynor, Ping Yu, Nicholas Zwar)
 15. *Polypharmacy and the elderly* - Katrina Stott (SSWAHS. Supervisor: Nicholas Zwar)
 16. *Qualitative Component of tai chi in type 2 diabetes study* - Isaac Thangasamy (Independent Learning Project student. Supervisor: Sarah Dennis), and
 17. Schwartz Family Practice, Elderslie - ongoing support with practice data and quality improvement (General Practice).
- During 2007, we awarded 60,000 worth of funding, to early career researchers, under the PHReNet Small Research Grants. The Small Grants holders are progressing as follows:
 - Terri Farrelly has completed her research and submitted her PhD, *Aboriginal attitudes towards suicide and suicide prevention in the Shoalhaven and Illawarra region*

- Dr John Shephard is continuing to further develop his research project, *One Small Step – behaviour change and the internet*
- Dr Paul Lam has completed his project - *A randomised controlled trial to assess the effectiveness of tai chi for people with type 2 diabetes* and submitted a paper, and
- Dr Qing Wan is still progressing with her PhD - *Shared absolute cardiovascular risk management*.
- Previous small grant recipients Della Maneze and Anau Speizer from SSWAHS have completed their study on *kava use in Tongan men in Macarthur* and have submitted a paper for publication.

Piloting and recruitment assistance

PHReNet has provided piloting and recruitment assistance to a number of CPHCE-led projects. These include:

- *The Collaborative Care Planning Scale* - Tim Shortus
- *Shared cardiovascular risk assessment* - Qing Wan, Sanjyot Vagholkar and Mark Harris, and
- *Use of vignettes in the diagnosis of asthma* - Sarah Dennis, Nicholas Zwar and Guy Marks (Liverpool Hospital).

Dissemination

- In collaboration with the Institute of General Practice Education, PHReNet has implemented a new joint research seminar series.
- Ongoing research information is provided through the CPHCE website (www.cphce.unsw.edu.au), PHReNetic newsletter and regular email alerts to PHReNet members.

Publications

- Supported network members to achieve eight journal publications and ten conference presentations.

Partnerships and collaborations

The UNSW Primary Health Care Research Capacity Building Initiative continues to foster ongoing relationships and collaborations with the following organisations:

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

Researcher Development Program

A further component of the capacity building stream is the provision of funding for novice/early career researchers to undertake a placement on existing research projects within the Centre through the Researcher Development Program (RDP). This provides place holders with the opportunity to develop their research skills and understanding within the supportive environment of an experienced team of researchers.

The 2006 RDP place holders, Maureen Frances and Sue Kirby, completed their reports in 2007. Sue Kirby who is now undertaking a PhD with CPHCE (see page 31 for details).

In 2007, the RDP positions were restructured to incorporate a postgraduate option. One of the places continues to be offered under the traineeship model. The other position was offered as a primary health care scholarship to enable the place holder to enrol in a Masters by Research at UNSW. This is the first scholarship of its kind offered by CPHCE and provides financial support for a primary health care researcher wishing to undertake postgraduate study in this area.

The two successful applicants are:

- Shona Dutton, who is currently undertaking a masters at UNSW considering a *General Practice exercise referral scheme*, and
- Anne Harley, who undertaking the part-time traineeship model looking at *Illawarra Division of General Practice Better Outcomes In Mental Health Care: second interim evaluation, changes and achievements over time*.

Teaching Activities

CPHCE contributes to undergraduate and graduate teaching within the Faculty of Medicine at UNSW, as well as occasional teaching for other universities and organizations. Centre staff were involved in teaching for the following courses in 2007:

Undergraduate Medicine at UNSW

■ **Society and Health A & B**

Elizabeth Harris (lecturer), Mark Harris, Ben Harris-Roxas (guest lecturers)

■ **Society and Health**

Cheryl Amoroso (co-presenter)

Henna Aslam (course tutor)

Jeremy Bunker, Sanjyot Vagholkar, Nicholas Zwar (course tutors, lecturers)

Gawaine Powell Davies, Mark Harris (guest lecturers)

■ **Phase One Clinical Teaching**

Nicholas Zwar (co-coordinator in South West Sydney, tutor)

Jeremy Bunker, Sanjyot Vagholkar, (tutors)

■ **Foundation course**

Elizabeth Harris (lecturer)

■ **General Practice (5th Year)**

Jeremy Bunker, Tim Shortus, Sanjyot Vagholkar (tutors, examiners)

Nicholas Zwar (lecturer, tutor, examiner)

■ **Independent Learning Project – student placement**

Sarah Dennis, Mahnaz Fanaian, Mark Harris, Nicholas Zwar (Supervisors)

Postgraduate Medicine at UNSW

Master of Public Health Program

a) MPH Electives run through CPHCE

■ **Inequalities in Health**

Lynn Kemp (course co-ordinator)

Henna Aslam, Elizabeth Comino, Elizabeth Harris (lecturers)

■ **Delivery of Primary Health Services in the Community**

Mark Harris, Gawaine Powell Davies (course co-ordinators)

Rachel Laws, Julie McDonald, David Perkins, (lecturers), Anna Williams (guest lecturer)

■ **Health Impact Assessment**

Ben Harris-Roxas (course co-ordinator)

Stephen Green, Patrick Harris, Elizabeth Harris, (lecturers)

b) Contributions to other MPH Courses

■ **Introduction to Public Health**

Elizabeth Harris, Ben Harris-Roxas (guest lecturers)

■ **Environmental Health**

Ben Harris-Roxas (guest lecturer)

■ **Intensive Course on Health, Development and Human Rights**

Lynn Kemp (lecturer)

Other Graduate Teaching

■ **Graduate Diploma/Masters in Mental Health, Institute of Psychiatry**

Lynn Kemp (lecturer)

■ **Political Ideologies and Health Inequalities Course, Masters of International Health, University of Sydney**

Henna Aslam (guest lecturer)

■ **Non Communicable Disease Prevention and Control, Masters of International Studies/ Masters of Public Health, University of Sydney**

Mark Harris (guest lecturer)

Other Teaching

■ **NSW PHC Research Capacity Building**

Sarah Dennis (Presenter and Retreat supervisor)

■ **Supervision of GP Registrars in Practice, Institute of General Practice Education**

Sanjyot Vagholkar (supervisor)

■ **RACGP Online Nutrition Model**

Rachel Laws (advisor and presenter)

■ Three Day HIA Training for NSW Health Staff

Ben Harris-Roxas (course co-ordinator)

Stephen Green, Patrick Harris (Presenters)

■ One Day HIA Training for NSW Public Health Officer Trainees

Ben Harris-Roxas (course co-ordinator)

CPHCE also provides training through its PHReNet program, listed on page 26:

Research Students

The Centre provides many opportunities for research students. In 2007 a total of 17 PhD students and 5 Masters students were enrolled at the Centre (including a number of CPHCE staff members), supervised by 10 senior staff members. Topics include cardiovascular risk, diabetes, post-natal depression, road safety and Indigenous child health.

Name	Degree	Thesis Title	Supervisor	Expected
Abby Anderson	PhD (UNSW)	Evaluation of health assistants in general practice	Judy Proudfoot (Supervisor) Mark Harris (Co-supervisor)	2010
Barbara Booth*	PhD (UNSW)	Quality improvement in general practice	Mark Harris (Supervisor) Nicholas Zwar (Co-supervisor)	December 2009
Albert Chan	Master of Public Health (treatise) (UNSW)	Uptake of the 45-49 year old health check in Australia and patient and doctor characteristics facilitating uptake of the health checks	Mark Harris (Supervisor) Cheryl Amoroso (Co-supervisor)	July 2008
Jill Guthrie	PhD (UNSW)	Parents' experience of indigenous child hospitalisation	Lynn Kemp (Co-supervisor)	2008
Roy Dean	PhD (UNSW)	The effect of exogenous and endogenous shock on the secondary sex ratio in the Tasmanian community experience	Elizabeth Comino (Co-supervisor)	2010
Shona Dutton ¹	Masters (UNSW)	General Practice Exercise Referral Scheme	Nicholas Zwar (Co-supervisor) Sarah Dennis (Co-supervisor)	2008
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

1 Shona Dutton was awarded the 2007 Primary Health Care Early Career Research Scholarship by CPHCE. See page 28 for more information.

Name	Degree	Thesis Title	Supervisor	Expected
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 (Supervisor) Peter Sainsbury (Co-supervisor)	June 2011
Sue Kirby*	PhD (UNSW)	Do patient attitudes contribute to frequent admissions?	Sarah Dennis (Supervisor) Mark Harris (Co-supervisor)	July 2010
Patricia Knight	PhD (UNSW)	Road safety in rural young males	Mark Harris (Co-supervisor) Don Iverson (Co-supervisor)	December 2008
John Kurko	Masters (UNSW)	The efficacy of lifestyle intervention within rural general practice on patient behavioural risk factors.	Mark Harris (Supervisor) Gawaine Powell Davies (Co-supervisor)	June 2009
Karen Larsen*	Master of Public Health (UNSW)	Urban renewal and public housing: Impacts on public health	Elizabeth Harris (Co-supervisor), David Perkins (Co-supervisor)	January 2009
Rachel Laws*	PhD (UNSW)	Implementation of SNAP interventions in community health services	Mark Harris (Supervisor) Lynn Kemp (Co-supervisor)	September 2009
Julie McDonald*	PhD (UNSW)	Relationships between the services and providers involved in the prevention and management of Type 2 Diabetes, their impact on the development and delivery of primary health care (PHC) services and perceptions of clients/ consumers concerning the quality of care received	Mark Harris (Supervisor) Rohan Jayasuriya (Co-supervisor)	June 2011
Suzanne McKenzie*	PhD (UNSW)	Mental health and prevention of cardiovascular disease in general practice-impacts and interactions	Mark Harris (Supervisor)	June 2011
Gawaine Powell Davies*	PhD (UNSW)	Integration in primary health care	Lynn Kemp (Supervisor) Mark Harris (Co-supervisor)	2011
Melanie Rohn	Master of Public Health (UNSW)	Effects of postnatal depression and socio-economic status on infant cognitive development: Moderating and mediating factors	Lynn Kemp	Completed Thesis passed October 2006
Vanessa Rose*	PhD (UNSW)	Socio-structural determinants of diabetes self-management: test of a self-efficacy model	Mark Harris (Supervisor)	Completed 2007

Name	Degree	Thesis Title	Supervisor	Expected
Sue Seldon	PhD (University of Sydney)	Primary Health Care in Menindee	David Perkins (Co-Supervisor)	2008
Tim Shortus	PhD (UNSW)	Shared Decision making in care planning for diabetes	Mark Harris (Supervisor) Lynn Kemp (Co-supervisor)	July 2008
Jacqueline Tudball*	PhD (UNSW)	Children's experience of self-management of asthma	Lynn Kemp (Supervisor) Elizabeth Comino (Co-supervisor)	2008
Qing Wan*	PhD (UNSW)	Absolute Cardiovascular Risk in general practice	Mark Harris (Supervisor) Nicholas Zwar (Co-supervisor)	July 2008

* CPHCE Staff enrolled in post-graduate study

Undergraduate Students

CPHCE staff members also supervised a number of undergraduate research projects in 2007. These included one Honours student and five medical students at UNSW undertaking Independent Learning Projects (ILPs).

Name	Degree and project type	Thesis Title	Supervisor	Expected Completion
Heather Hanks	MB, BS (ILP)	Rural/Urban roles of the General Practitioner in the management of Colorectal Cancer.	Mark Harris (Co-supervisor) Craig Veitch (Co-supervisor)	November 2007
Natalie Russel	MB, BS (ILP)	Feasibility of a student assisted health clinic: legal and ethical issues	Mark Harris (Co-supervisor) Anna Whelan (Co-supervisor)	November 2007
Halli Kleinig	MB, BS (ILP)	Feasibility of a student assisted health clinic: needs assessment	Mark Harris (Co-supervisor) Anna Whelan (Co-supervisor)	March 2008
Sylvia Ledang	MB, BS (ILP)	Vascular prevention in general practice	Mark Harris (Co-supervisor) Mahnaz Fanaian (Co-supervisor)	March 2008
Isaac Thangasamy	MB, BS (ILP)	Tai Chi for diabetes: mixed-method exploration of patient experience	Nicholas Zwar (Co-supervisor) Sarah Dennis (Co-supervisor)	March 2008
Robyn Silcock	MB, BS (Honours)	Health and development of infants of vulnerable or at risk mothers living in a disadvantaged community	Elizabeth Harris (Co-supervisor), Lynn Kemp (Co-supervisor)	Completed in 2007

Partners and Affiliates

Our research is collaborative, and we are fortunate to work with a wide range of individuals and organisations involved in policy development, health service management and clinical practice. Some of our main partners are listed below.

UNSW

School of Public Health and Community Medicine

Centre for Clinical Governance

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

Hunter New England Area Health Service

Sydney South West Area Health Service

South Eastern Sydney and Illawarra Area Health Service

Greater Southern 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

Broken Hill University Department of Rural Health, University of Sydney

Charles Sturt University

Greater Green Triangle University Department of Rural Health, Deakin University

Macquarie University

University of Melbourne

University of Newcastle

Northern Rivers University Department of Rural Health, University of Sydney

University of Adelaide

University of Technology Sydney

University of Western Sydney

University of Wollongong

Divisions of General Practice

National

Australian General Practice Network

NSW

Alliance of NSW Divisions of General Practice

Bankstown Division of General Practice

Central Coast Division of General Practice

Central Sydney GP Network

GP Network Northside (formerly Hornsby Ku-ring-ai Ryde Division)

Hunter Rural Division of General Practice

Illawarra Division of General Practice

Murrumbidgee\North Western Slopes Division of General Practice

South Eastern NSW Division of General Practice

Riverina Division of General Practice & Primary Health Ltd.

South Eastern Sydney Division of General Practice

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

Fairfield Division of General practice

Liverpool Division of General Practice

NSW Outback Division of General Practice

New England Division of General Practice

North West Slopes Division of General Practice

Wentwest Ltd

Victoria

Central Highlands Division of General Practice

Central Bayside Division of General Practice

Dandenong Division of General Practice

General Practice Divisions of Victoria

Eastern Ranges Division of General Practice

Knox Division of General Practice

Melbourne Division of General Practice

North West Melbourne Division of General Practice

Western Melbourne Division of General Practice

Whitehorse Division of General Practice

South Australia

Adelaide Hills Division of General Practice

Western Australia

GP Coastal Division

Perth and Hills Division of General Practice

Queensland

South East Alliance General Practice

Gold Coast Division of General Practice

Northern Territory

Top-End Division of General Practice

General Practice Training Organisations

Institute for General Practice Education Inc (IGPE)

Sydney Institute for General Practice Education and Training (SIGPET)

City Coast Country

Went West Ltd

Non government organisations

Arthritis NSW

Liverpool Migrant Resource Centre

National Heart Foundation of Australia

National Prescribing Service

Tharawal Aboriginal Corporation

Chronic Illness Alliance

International

National Primary Care Research and Development Centre, University of Manchester, UK

Health Services Management Centre, University of Birmingham, UK.

Health Services Research Centre, Victoria University of Wellington, New Zealand

Thai Healthy Public Policy Foundation

Thai Health System Research Institute

Staff

During 2007, CPHCE employed 63 staff members. In December 2007 there were 47 staff making the equivalent of 39 FTE positions. This compares to 41 staff members in 30.6 FTE positions in 2006. A number of staff who left the centre in 2007 were working on short term contracts for specific projects; their work was invaluable in progressing these projects. Sadly we would like to make a special mention of Trish Menzies, who made an important contribution to our work on HIA, but tragically died late in 2007 and is greatly missed by us all.

Name	Job Title
Cheryl Amoroso	Research Fellow
(Cheryl) Jane Anderson	Project Officer
Amanda Ampt	Research Associate
Henna Aslam	Research Associate
Anne Aylmer*	Administrative Assistant
Pippa Burns	Project Officer
Sunshine Bustamante	Project Administrative Assistant
Bibiana Chan	Research Fellow
Bettina Christl	Research Evaluation Officer
Joyce Chong*	Research Fellow
Elizabeth Comino	Senior Research Fellow
Sarah Dennis	Senior Research Fellow
Roslyn Eames-Brown	Evaluation Officer
Mahnaz Fanaian	Research Fellow/Data Manager
Sarah Ford	Finance Manager
Maureen Frances*	Research Associate
Stephen Green	Project Officer
Linda Greer	Project Officer
Lesley Hare	Project Officer

Name	Job Title
Elizabeth Harris	Director CHETRE, Senior Research Fellow
Mark Harris	Professor, Executive Director
Patrick Harris	Research Fellow
Ben Harris-Roxas	Research Fellow
Iqbal Hasan	Project Officer
Oshana Hermiz	Project Officer
Upali Jayasinghe	Senior Research Fellow
Katina Kardamanidis*	Public Health Officer Trainee
Amanda Kemp	Data Collector
Lynn Kemp	Deputy Director-CHETRE; Senior Research Fellow
Sue Kirby	Research Associate
Jennifer Knight	Senior Research Fellow
Mary Knopp	Administrative Assistant
Karen Larsen	Research Assistant
Rachel Laws	Project Leader/Research Fellow
Roger Lyle	Research Officer
Julie McDonald	Research Fellow
Suzan Mehmet	Network Administrator/Coordinator
Trish Menzies	Research Fellow
Gai Moore*	Project Officer
Danielle Noorbergen	Research Evaluation Officer
Corinne Op't Hoog	Project Officer
Shane Pascoe*	Research Fellow
David Perkins*	Director CEPHRIS; Senior Research Fellow
Gawaine Powell Davies	Associate Professor, CEO-CPHCE; Director CGPIS
Vanessa Rose*	Conjoint Lecturer
Emily Saurman*	Administrative Assistant
Sheryl Scharkie	Research Assistant
Anita Schwartz	Intervention Facilitator

Name	Job Title
Jane Taggart	Senior Research Fellow
Jocelyn Tan	Research Evaluation Officer
Rachel Tomlins	Communications Manager
Vanessa Traynor*	Program Coordinator
Pauline Van Dort	Project Officer
Rachel Ward	Data Manager
Qing Wan	Research Officer
Iris Warnke	Personal Assistant to the CEO
Anna Williams	Research Fellow

Name	Job Title
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Affiliated Staff employed by the School of Public Health and Community Medicine

Barbara Booth	Senior Lecturer
Suzanne McKenzie	Senior Lecturer
Nick Zwar	Professor, Director GPU

Staff employed by Sydney South West Area Health Service

Jeremy Bunker	Staff Specialist, Conjoint Lecturer
Joel Rhee	Academic Registrar
Sanjyot Vagholkar	Staff Specialist, Conjoint Lecturer
Siggi Zapart	Research Officer

*Staff working for CPHCE in 2007 who have since left.

Staff Membership of External Committees

Committee	Name
Australian Government Expert Advisory Committee on Population Health	Mark Harris
City Coast Country Ltd (GP) Training Agency Local Advisory Committee	David Perkins
Community Health Information Strategy Committee	Rachel Laws
Content Review Committee Medical Journal of Australia	Mark Harris
Editorial Board, Australian Family Physician	Nicholas Zwar
Heart Foundation Prevention in Practice Advisory Group	Gawaine Powell Davies
Institute of General Practice Education Inc. Management Committee	Nicholas Zwar
International Association for Impact Assessment Publications Committee	Ben Harris-Roxas
International Society for Equity and Health Conference Organising Committee	Lynn Kemp
National Diabetes Data Working Group	Mark Harris
National Heart Foundation Clinical Issues Committee	Mark Harris
National Heart Stroke and Vascular Absolute Risk Group	Mark Harris
NSW Families First Research and Evaluation Advisory Committee	Lynn Kemp
NSW Health Child Health and Home Visiting Performance Indicators Development Group	Lynn Kemp
NSW Health Chronic, Aged and Community Health Priority Task Force	Mark Harris
NSW Health Health Impact Assessment Steering Committee	Lynn Kemp
NSW Health Healthy Older People Advisory Committee	Gawaine Powell Davies
NSW Health Hospitalist Steering Committee	David Perkins
Perinatal Health Leadership Group	Lynn Kemp
Pharmaceutical Alliance Diabetes Clinical Advisory Group	Gawaine Powell Davies
Pharmaceutical Health and Rational use of Medicines (PHARM) Committee	Nicholas Zwar
RACGP National Standing Committee Research	Nicholas Zwar
RACGP Quality Committee	Mark Harris
RACGP Red Book Task Force	Mark Harris
Research Advisory Committee, National Prescribing Service	Nicholas Zwar
Research Advisory Committee, Primary Health Institute	Gawaine Powell Davies
Research Committee, School of Public Health and Community Medicine	Gawaine Powell Davies
Social Policy Research Centre Advisory Committee	Gawaine Powell Davies
Sydney South West Area Health Service Research Committee	Lynn Kemp

CENTRE FOR PRIMARY HEALTH CARE & EQUITY

Statement of Financial Performance for the Period Ending 31 December 2007

	2007 \$	2006 \$
Income		
External Funds	3,709,840	3,226,990
UNSW Contribution - see notes (i)& (ii)	118,750	80,000
Total Income	3,828,590	3,306,990
Expenses		
Payroll	2,796,333	2,419,764
Equipment	32,790	70,827
Materials	881,321	915,440
Travel	259,798	238,580
Total Expenses	3,644,611	3,644,611
Operating result (iii)	-141,652	-337,621
Surplus(Deficit) Bfwd from Prior Year (iv)	1,315,156	1,652,777
Accumulated Funds Surplus(Deficit)	1,173,504	1,315,156
Excludes debtors (unpaid invoices) (v)&(vi)	-632,320	-496,193

Notes to the Statement of Financial Performance

- i The Centre recognises in-kind contributions provided to it that are not brought to account in the Statement of Financial Performance. This includes space occupied at 3rd floor, Building G27 - AGSM, Randwick and infrastructure support provided by the University of New Wales.
- ii Early Career Researcher Grants, Medicine Faculty Grants & Fellowship Enhancement Grants
- iii Payment of outstanding invoices of \$632,320 will change operating loss to a gain of \$433,184 for 2007
- iv The Accumulated Funds Surplus will provide for redundancy payments for current staff and future expenses to be incurred in completing existing projects.
- v Unpaid invoices include GST
- vi The Unpaid Invoices of \$574,836 (exclusive of GST) will, when received, give the Centre an Operating Surplus for the period of \$433,184

Publications

Journal Articles

1. **Amoroso C**, Proudfoot J, Bubner T, **Jayasinghe U**, Holton C, Winstanley J, Beilby J, **Harris MF**. Validation of an instrument to measure inter-organisational linkages in general practice. *International Journal of Integrated Care*. 2007 Dec 3;7:e46.
2. **Amoroso C**, Proudfoot J, Bubner T, Swan E, Espinel P, Barton C, Beilby J, **Harris MF**. Quality improvement activities associated with organizational capacity in general practice. *Australian Family Physician*. 2007 Jan-Feb;36(1-2):81-4.
3. **Booth B**, McBride T. Patient focus and the quality framework. *Australian Family Physician*. 2007 Jan-Feb;36(1-2):20-2.
4. **Booth B**, Snowdon S. A quality framework for Australian general practice. *Australian Family Physician*. 2007 Jan-Feb;36(1-2):8-11.
5. **Burns P**, **Perkins D**, **Larsen K**, Dalley A. The introduction of electronic medication charts and prescribing in aged care facilities: An evaluation. *Australasian Journal on Ageing*. 2007;26(3):131-4.
6. **Comino E**, **Titmuss A**, **Harris E**, Craig P, Jackson Pulver, L. Identification of Aboriginal infants at an urban hospital. *Journal of Paediatrics and Child Health*. 2007 Sept;43(9):623-6.
7. **Comino E**, **Zwar N**, **Hermiz O**. The Macarthur GP after-hours services: a model of after-hours medical care for Australia? *Australian Health Review*. 2007 May;31(2):223-30.
8. **Dennis SM**, **Zwar N**, **Hasan I**, **Harris MF**. Chronic disease self-management education programs: Challenges ahead. *Medical Journal of Australia*. 2007 Jan 25;186(2):103-4.
9. Flynn J, **Booth B**, Portelli R. Professionalism and the quality framework. *Australian Family Physician*. 2007 Jan-Feb;36(1-2):16-8.
10. Furler J, **Harris E**, **Harris MF**, Naccarella L, Young D, Snowdon T. Health inequalities, physician citizens and professional medical associations: An Australian case study. *BMC Medicine*. 2007 Aug 13;5:23.
11. Gattellari M, Worthington J, **Zwar N**, Middleton S. Barriers to the use of warfarin in non-valvular atrial fibrillation. *Internal Medical Journal*. 2007;37:1.
12. **Harris E**, **Rose V**, **Kemp L**, Chavez R. Strengthening the effectiveness of 'whole of government' interventions to break the cycle of violence in disadvantaged communities. *New South Wales Public Health Bulletin*. 2007 May-June;18(5-6):94-6.
13. **Harris MF**, Proudfoot J, **Jayasinghe U**, Holton C, **Powell Davies PG**, **Amoroso C**, Bubner T, Beilby J. Job satisfaction of staff and the team environment in Australian general practice. *Medical Journal of Australia*. 2007 June 4;186(11): 570-3.
14. **Harris MF**, **Zwar N**. Care of patients with chronic disease: the challenge for general practice. *Medical Journal of Australia*. 2007 Jul;187(2):104-7.
15. **Harris P**, **Harris-Roxas B**, **Harris E**. An overview of the regulatory planning system in New South Wales: identifying points of intervention for health impact assessment and consideration of health impacts. *New South Wales Public Health Bulletin*. 2007 May-June;18(9-10):190-1.
16. **Harris P**, **Harris-Roxas B**, **Harris E**, **Kemp L**. Health impact assessment and urbanization: lessons from the NSW HIA project. *New South Wales Public Health Bulletin*. 2007 May-June;18(9-10):198-201.
17. **Harris P**, **Harris-Roxas B**, **Kemp L**. Guest Editorial: health impact assessment in urban settings. *New South Wales Public Health Bulletin*. 2007 May-June;18(9-10):149-50.
18. **Harris-Roxas B**, **Harris P**. Learning by doing: the value of case studies of health impact assessment. *New South Wales Public Health Bulletin*. 2007 May-June;18(9-10):161-3.

19. Hughes J, **Kemp L**. Building health impact assessment capacity as a lever for public health policy in urban planning. *New South Wales Public Health Bulletin*. 2007 May-June;18(9-10):192-5.
20. **Jayasinghe U**, Proudfoot J, Holton C, **Powell Davies PG**, **Amoroso C**, Bubner T, Beilby J, **Harris MF**. Chronically ill Australian's satisfaction with accessibility and patient-centeredness. *International Journal for Quality in Health Care*. 2007 Dec 23. doi: 10.1093/intqhc/mzm071
21. **Kardamanidis K**, Smith MM, **Vagholkar S**. Bug Breakfast in the Bulletin: refugee health. *New South Wales Public Health Bulletin*. 2007 Jan-Feb; 18(1-2):26-7.
22. **Kemp L**, Chavez R, **Harris-Roxas B**, Burton N. What's in the box? Issues in evaluating interventions to develop strong and open communities. *Community Development Journal*. 2007 June.
23. **Kemp L**, Eisbacher L, McIntyre L, O'Sullivan K, Taylor J, Clarke T, **Harris E**. Working in partnership in the antenatal period: what do child and family nurses do? *Contemporary Nurse*. 2007 Jan;23(2):312-20.
24. Luntz S, Basso R, **Comino E**. Therapy outcomes for culturally and linguistically diverse preschoolers. *Acquiring Knowledge in Speech, Language and Hearing*. 2007;9:48-53.
25. Marsh H, Bond N, **Jayasinghe U**. Peer review process: Assessments by applicant-nominated referees are biased, inflated, unreliable and invalid. *Australian Psychologist*. 2007 March;42(1):33-8
26. **McDonald J**, **Powell Davies PG**, Cumming J, **Harris MF**. What can the experiences of primary care organisations in England, Scotland and New Zealand suggest about the potential role of divisions of general practice and primary care networks/ partnerships in addressing Australian challenges? *Australian Journal of Primary Health*. 2007;13(2).
27. McIntyre E, Saltman D, **Traynor V**, Sims J, Richards J, Dollard J. Building research capacity in Australian departments of general practice and rural health: a document review of annual reports. *Primary Health Care Research and Development* 2007; 8: 3–11.
28. Mikhail S, **Zwar N**, **Vagholkar S**, **Dennis S**, Day R. Non-steroidal anti-inflammatory drugs in general practice: a decision-making dilemma. *Medical Journal of Australia*. 2007 Aug 6;187(3):160-3.
29. Oliver N, **Perkins D**, **Hare L**, **Larsen K**. Stories from the past, the reality of the present, taking control of the future – lifestyle changes among the Pukapuka people in the Illawarra. *Australian Journal of Health Promotion*. 2007;18(2):105-8.
30. **Pascoe S**, Neal R, Bedford Y, McMain S. Initiation, choice and satisfaction of nursing appointments in general practice: a cross-sectional survey of patients and nurses. *Journal of Clinical Nursing* 2007 Jun;16(6):1068-71.
31. **Perkins D**, **Larsen K**, Lyle D, **Burns P**. Securing and retaining a mental health workforce in far western New South Wales. *Australian Journal of Rural Health*. 2007 Apr;15 (2):94-8.
32. Proudfoot J, Infante F, Holton C, **Powell Davies PG**, Bubner T, Beilby J, **Harris MF**. What organizational capacity is needed in Australian general practice for high quality chronic disease care? *Australian Family Physician*. 2007;36(4):186-8.
33. Proudfoot J, **Jayasinghe U**, Holton C, Grimm J, Bubner T, **Amoroso C**, **Harris MF**, **The Praccap Research Team**. Team climate for innovation: what difference does it make in general practice? *International Journal for Quality in Health Care*. 2007 June;19(3):164-9.
34. Proudfoot J, **Jayasinghe U**, Infante F, Beilby J, **Amoroso C**, **Powell Davies PG**, Grimm J, Holton C, Bubner T, **Harris MF**. Quality of chronic disease care in general practice: The development and validation of a provider interview tool. *BMC Family Practice*. 2007 Apr 19;8(21).

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35. **Shortus T, McKenzie S, Kemp L, Proudfoot J, Harris MF.** Multidisciplinary care plans for diabetes: how are they used? *Medical Journal of Australia*. 2007 Jul 16;187(2):78-81.
 36. Snowden T, Benson J, **Proudfoot J.** (2007) Capacity and the quality framework. *Australian Family Physician*, 2007;36(1/2):12-14.¹
 37. Tsang T, Orr R, Lam P, **Comino E**, Singh Fiatarone M. Health benefits of Tai Chi for older patients with type 2 diabetes: The "Move it for Diabetes Study" - A randomised controlled trial. *Clinical Interventions in Ageing - Dove Medical Press*. 2007 October 2007;2(3):429-39.
 38. **Vagholkar S, Hermiz O, Zwar N, Shortus T, Comino E, Harris MF.** Multidisciplinary care plans for diabetic patients: what do they contain? *Australian Family Physician*. 2007 Apr;36(4):279-82.
 39. **Wan Q, Harris MF, Powell Davies PG, Jayasinghe U,** Flack J, Georgiou A, Burns J, Penn D. Cardiovascular risk levels in general practice patients with type 2 diabetes in rural and urban areas. *Australian Journal of Rural Health*. 2007 Oct;15 (5):327-33.
 40. **Williams A, Harris MF,** Daffurn K, **Powell Davies PG, Pascoe S, Zwar N.** Sustaining chronic disease management in primary care: lessons from a demonstration project. *Australian Journal of Primary Health*. 2007 Aug;13(2):41-7.
 41. **Zwar N, Hermiz O, Comino EJ, Shortus T, Burns J, Harris MF.** Do multidisciplinary care plans result in better care for type 2 diabetes? *Australian Family Physician* 2007 Apr; 36 (4):279-82
 42. **Zwar N, Hasan I, Harris MF, Traynor V.** Barriers and facilitators to influenza vaccination among high-risk groups aged less than 65 years – views from general practitioners and practice nurses. *Australia and New Zealand Journal of Public Health*. 2007 Dec 2007;31(6):4.

Conference Presentations

Invited/Keynote

1. **Booth B.** Quality in primary care: yesterday, today and tomorrow. *1st ASEAN Regional Primary Care Conference*. Kuala Lumpur, Malaysia 2007.
2. **Harris E, Comino E, Knight J, Anderson CJ.** The Gudaga project: a birth cohort of Aboriginal infants in an urban community. *Public Health Association of Australia Annual Conference*. Alice Springs 2007.
3. **Harris P.** Health Impact Assessment: A tool for healthy cities in the Asia Pacific? *International Forum for the Alliance of Healthy Cities*. Gold Coast, Queensland, 2007.
4. Jackson Pulver L, **Knight J, Comino E, Harris E, Anderson CJ,** Craig P. Working within our local Aboriginal community: the approach of the Gudaga project. *19th International Union Health Promotion Education World Conference*. Vancouver, Canada 2007
5. **Laws R,** Kurko J, Hughes J, Ellias J. Twice as much prevention in practice. *Primary Health Care Research and Evaluation Conference*. Sydney 2007.
6. **McDonald J.** Learning from the evidence: Models of integrated primary and community health service delivery. *NSW General Practice Network 9th Annual Vital Links State Forum*. Sydney 2007.
7. **Taggart J, Wan Q,** Ruscoe W, Snow J. The big picture of data extraction. *NSW General Practice Network 9th Annual Vital Links State Forum*. Sydney 2007
8. **Harris MF, Williams A.** Chronic disease self-management in primary health care: evidence and practice. *The Way Forward: Chronic Disease Self-management in Australia*. National Conference 2007. Melbourne July 27 2007.

¹ Judy Proudfoot was a staff member of CPHCE in 2006 and this publication arises from her work during that period.

Proffered

1. **Amoroso C, Harris MF, Powell Davies PG, McKenzie S**, Passey M, O'Donoghue R, **Zwar N, Wan Q**. Pre-diabetes screening and management in general practice: current practices and feasibility. *General Practice and Primary Health Care Research Conference*. Sydney 2007.
2. **Aslam H, Kemp L**. Considering culture in health promotion by child and family health nurses. *Australian Association for Maternal, Child and Family Health Nurses Biennial Conference*. Sydney 2007.
3. **Booth B**. A quality framework for Australian general practice. *General Practice and Primary Health Care Research Conference*. Sydney 2007.
4. Cumming J, **McDonald J**, Smith J, **Powell Davies PG**. Building comprehensive primary health care models (workshop). *Health Services Research Association of Australia and New Zealand* 2007.
5. **Dennis S, Zwar N, Harris MF**, Griffiths R, Roland M, **Hasan I, Powell Davies PG**. Chronic disease management in primary care: what works? *General Practice and Primary Health Care Research Conference*. Sydney 2007.
6. **Dennis S, Zwar N, Harris MF**, Griffiths R, Roland M, **Powell Davies PG, Hasan I**. Chronic disease management: what works? *5th Health Service and Policy Research Conference*. Auckland, New Zealand 2007.
7. **Dennis S, Zwar N**, Marks G. Use of focus groups to explore the difficulties that GPs face in making a diagnosis in adults. *TSANZ and ANZSRS Annual Scientific Meeting*. Auckland, New Zealand 2007.
8. **Fanaian M, Harris MF**. A randomized control trial of a general practiced based intervention to prevent chronic vascular disease. *4th Biennial NSW PHC Research and Evaluation Conference*. Sydney 2007.
9. **Harris E**. HIA and Equity. *South East Asian and Oceania Regional Health Impact Assessment Conference*. Sydney 2007.
10. **Harris E, Aslam H, Kemp L**. Universal for whom? Families who do not receive a child health visit. *Public Health Association for Australia Annual Conference*. Alice Springs 2007.
11. **Harris E**, Simpson S, Aldrich R, Mahoney M, Stewart Williams J, Nutbeam D. Why is equity important to a sustainable health system? *Public Health Association of Australia Annual Conference*. Alice Springs 2007.
12. **Harris MF**, Snowden T, **Amoroso C, Powell Davies PG, Zwar N**. Evolution of Support for Behavioral Risk Factor Management in Australian General Practice. *North American Primary Care Research Group Annual Meeting*. Vancouver, Canada 2007.
13. **Harris P, Harris E, Harris-Roxas B, Kemp L**. Health Impact Assessment and mainstream policy development: consideration of barriers and facilitators found by the New South Wales Health Impact Assessment Project. *Australian Health Promotion Association's 17th National Conference*. Adelaide 2007.
14. **Harris P, Harris E, Harris-Roxas B, Kemp L**. Health impact assessment and mainstream policy development: consideration of barriers and facilitators found by the New South Wales Health Impact Assessment Project. *Australian Health Promotion Association's 17th National Conference*. Adelaide 2007.
15. **Harris P, Harris E, Harris-Roxas B, Kemp L**. Tight timeframes in which to make decisions about health inequalities: using a rapid equity focused health impact assessment to improve the equity focus a health promotion program. *19th International Union Health Promotion Education World Conference*. Vancouver, Canada 2007.
16. **Harris P, Harris E, Kemp L, Harris-Roxas B**. 'Learning By Doing' to address health inequities: A sustainable approach to capacity building. *19th International Union Health Promotion Education World Conference*. Vancouver, Canada 2007.

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- 17. Harris P, Harris E, Thompson S, Harris-Roxas B, Kemp L, Lyle R.** Consideration of health and wellbeing in environmental impact assessments in New South Wales, Australia. *South East Asian and Oceania Regional Health Impact Assessment Conference*. Sydney 2007.
- 18. Harris P, Harris-Roxas B, Harris E, Kemp L.** Using rapid equity focussed HIA to enhance the consideration of health equity in policy and program development *South East Asia and Oceania Regional Health Impact Assessment Conference*. Sydney 2007.
- 19. Harris P, Kemp L.** HIA as a tool for healthy public policy. *South East Asia and Oceania Regional Health Impact Assessment Conference*. Sydney 2007.
- 20. Harris P, Trudinger D, Burfood N.** Health Impact Assessment: Building Capacity Towards Addressing the Social Determinants of Health and Health Inequalities in Victoria and New South Wales. *Australian Health Promotion Association's 17th National Conference*. Adelaide 2007.
- 21. Harris-Roxas B.** Equity in Health Impact Assessment: Context, concepts and experiences. *STAKES Health Inequalities Impact Assessment Conference*, Helsinki, Finland, 2007.
- 22. Harris-Roxas B.** Key Issues in Health Impact Assessment Practice. *27th International Association for Impact Assessment Conference* Seoul, South Korea; 2007.
23. Jones C, **Perkins D, Hare L, Lyle D.** Accessible, acceptable and effective? Initiatives to improve mental health services in rural and remote Australia. *Rural Health Research Colloquium*; Tamworth; 2007.
24. Kelaher B, **Knight J, Comino E, The Gudaga Research Team.** The Gudaga project: researching within the Aboriginal community of South West Sydney. *4th Biennial NSW Primary Health Care Research and Evaluation Conference*. Sydney 2007.
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Contact Us

Centre for Primary Health Care and Equity

Executive Director: Professor Mark Harris
UNSW SYDNEY NSW 2052
Tel: +61 2 9385 0203
Fax: +61 2 9385 0140
Email: m.f.harris@unsw.edu.au

CEO Associate Professor Gawaine Powell Davies
UNSW SYDNEY NSW 2052
Tel: +61 2 9385 1506
Fax: +61 2 9385 1513
Email: g.powell-davies@unsw.edu.au

Off campus research units

CHETRE
Director: Mrs Elizabeth Harris
Locked Mail Bag 7103,
Liverpool BC NSW 1871
Tel: +61 2 9612 0779
Fax: +61 2 9612 0762
E-mail: mary.knopp@sswahs.nsw.gov.au

General Practice Unit
Director: Professor Nicholas Zwar
Fairfield Hospital
PO Box 5
Fairfield NSW 1860
Tel: +61 2 9616 8520
Fax: +61 2 9616 8400
E-mail: n.zwar@unsw.edu.au

Please direct any inquiries regarding the Annual Report to the Communications Manager, Rachel Tomlins, on +61 2 9385 1505 or at r.tomlins@unsw.edu.au.

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

