
UNSW research centre for primary
health care and equity

2006 annual report

Acknowledgments

We would like to acknowledge the support of the members of the Management Board, chaired by the Senior Associate Dean, Professor Terry Campbell, in reviewing the performance of the Centre and identifying key strategies to address the challenges faced by CPHCE. The Advisory Committee, chaired by Emeritus Professor Ian Webster, has also played an important role in advising on the strategic directions and opportunities for the Centre in the context of its environment in the health system.

CPHCE gratefully acknowledges the ongoing support of Associate Professor Rosemary Knight, Head of the School of Public Health and Community Medicine. Within UNSW our Centre is closely associated 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 in which CHETRE and the GP Unit are based and the Illawarra Division of General Practice which hosts CEPHRIS. We would like to acknowledge the support that all our partners have offered during 2006.

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.

Contents

- 2** Acknowledgments
- 5** Background
- 6** Management and Advisory Boards
- 7** Message from the Chair
- 7** Message from the Chair of the Advisory Committee
- 8** Message from the Executive Director
- 10** Research
- 25** Teaching Activities
- 28** Partners and Affiliates
- 30** Staff
- 33** Financial Statement
- 34** Publications
- 40** 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)
- The Centre for Equity and Primary Health Research in Illawarra and Shoalhaven (CEPHRIS)
- Researchers in the General Practice Unit at Fairfield Hospital

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

The long term vision of the Centre is to improve the community's health and wellbeing through a focus on improved primary health care services and development of policies and strategies that address health inequalities and the social determinants of health. CPHCE conducts intervention research that impacts on policy and practice within three broad streams of work:

- Prevention and management of chronic disease
- Primary health care system development
- 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. We undertake national, state and local projects. This enables us to address large system issues while at the same time seeing 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.

Professor Mark Harris is the Executive Director. Each of the research groups (CGPIS, CHETRE, CEPHRIS and researchers within the GP Unit) has a Director. The CEO (Gawaine Powell Davies) coordinates the administrative and operational systems across the Centre. During 2006, we employed over 50 staff who worked on 51 research programs or projects.

The Centre is overseen by a Management Board which reviews its operations including its annual report, budget, policies and relationships. The Centre also has an Advisory Committee which provides advice on the 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 Boards

Management Board

| Voting Members | |
|----------------------------------|--|
| Professor Terry Campbell (Chair) | Senior Associate Dean, Faculty of Medicine, UNSW |
| Professor Mark Harris | Executive Director, Centre for Primary Health Care and Equity |
| Assoc Prof Gawaine Powell Davies | CEO, Centre for Primary Health Care and Equity and Director, Centre for General Practice Integration Studies |
| Assoc Prof 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 |
| Non-Voting Members: | |
| Ms Sarah Ford (Secretariat) | Finance Manager, CPHCE |

The Management Board met on the 2nd February, 21st July and 27th November in 2006.

Advisory Board

| Voting Members | |
|---|--|
| Emeritus Professor Ian Webster AO (Chair) | School of Public Health and Community Medicine, UNSW |
| Dr Andrew Dalley | Chief Executive Officer, Illawarra Division of General Practice |
| Professor Mark Harris | Executive Director, UNSW Research Centre for Primary Health Care and Equity |
| Ms Elizabeth Harris | Director, Centre for Health Equity Training Research and Evaluation |
| Professor John Macdonald | Professor of Public Health, University of Western Sydney |
| Dr David Perkins | Director, Centre for Equity and Primary Health Research in the Illawarra and Shoalhaven |
| Assoc Prof Gawaine Powell Davies | CEO, UNSW Research Centre for Primary Health Care and Equity and Director, Centre for General Practice Integration Studies |
| Ms Bronwyn Wilkinson | Community & Extended Care Services, Northern Sydney Area Health Service |
| Ms Marilyn Wise | Director, Australian Centre for Health Promotion, University of Sydney |
| Professor Nick Zwar | Professor of General Practice and Director, General Practice Unit, Sydney South West Area Health Service |
| Assoc Prof Rosemary Knight | Head, School of Public Health and Community Medicine UNSW |
| Ms Karen Edwards | Director of Primary and Community Health Services, Greater Southern Area Health Service |
| Observer Members: | |
| Ms Janet Anderson | Director of Futures Planning, NSW Health |

The Advisory Committee met on the 22nd September in 2006.

Message from the Executive Director

The UNSW Research Centre for Primary
Health Care and Equity (CPHCE)

Research

Fellowships and Scholarships

| Fellowships | Recipient |
|--|------------------|
| National Health and Medical Research Council Post-Doctorate Fellowship (HERON Project) | Elizabeth Comino |
| Department of Health and Aging Senior Professorial Fellowship | Mark Harris |
| Scholarships | |
| National Health and Medical Research Council PhD Scholarship | Tim Shortus |
| Australian Postgraduate Award Scholarship | Qing Wan |

Research projects and programs

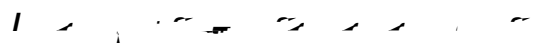
CPHCE research is organised into three streams: prevention and management of chronic disease; understanding and intervening to reduce health inequalities; and primary health care system development. Each of these has a number of sub-programs. An additional underpinning stream of activity is our Research Capacity Building Program, which is funded through the Australian Government Universities Research Capacity Building Program, 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. 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 are listed in alphabetical order.

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
- Preventing chronic disease



This program arose from a large number of projects conducted over the past decade including the Divisions

Self management education (Sydney South West Area Health Service)

Research Team: **Mark Harris**, [Anna Williams](#), Shane Pascoe, Nick Zwar.

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

Integrating chronic disease self management into general practice: a scoping paper (DoHA)

Research Team: **Judy Proudfoot** (School of Psychiatry), [\(Wr144o1we8BT/T12 n8awwActualText \(p\)y\(v\)20\(i\)2p8 Thiatr\)-134 0 7ActualT](#)

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.

Teamwork study: Enhancing the role

Shared Absolute Cardiovascular Risk Assessment in general practice (APA Scholarship, UNSW Medicine Faculty Research Grant)

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

This study involves the development and evaluation of a model of shared assessment of absolute cardiovascular

Primary Health Care System Development

Recent national and state initiatives such as the Australian Better Health Initiative and the NSW Integrated Primary and Community Health Policy 2007-2012 highlight the importance of a strong primary health care sector. Integrating care and improving continuity across providers, levels and sectors of health care remain major challenges.

There are three main program areas within this stream:

- Primary Health Care Policy Development
- Improving Integration of Services and Continuity of Care
- Access to primary health care

P **H** **C** **P** **D**

Over recent years primary health care has tended to develop separately at Commonwealth and state level. Our past programs have contributed to Commonwealth-driven developments in general practice and reviewed the contributions these have made to comprehensive primary health care. We have also supported the development of the NSW Health Integrated Primary and Community Health

This study explored the utility of the conceptual framework using the National Health Survey 2001 as an example. We describe the prevalence of type 2 diabetes mellitus, indicators of quality primary care and the population factors that are associated with report of quality care of diabetes.

Evaluating access to and use of

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 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 stream:

This study monitors the health and development and health service usage over three years of over 150 Aboriginal babies born at Campbelltown hospital. Funding is being sought to continue monitoring these mothers and their children up to 5 years of age.

Community based child health research in Sydney South West Area Health Service (SSWAHS)

Research Team: **Elizabeth Comino**, Garth Alperstein (SSWAHS), John Eastwood (SSWAHS), Lynn Kemp, Peter Sainsbury (SSWAHS).

Research and related activities including reflective practice, quality improvement, and evaluation are needed in services

th46 h46 h46 h46 hork win 46 89th46 h46 h46oement, and eTJ9 0 t ale, SWAHn A. Tnd aimJ/TmText 97 trs [yaam(46 75th46 h46 h46 j9nt,

explored children's own understandings of their asthma self-management. Recommendations are being developed for improved health promotion and education strategies.

The Communication and Language Assistance Program reaching at-risk communities (SSWAHS)

Locational Disadvantage: Focussing on place to improve health (PHERP)

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, Marilyn Wise (University of Sydney).

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 locationally disadvantaged areas. In Phase 2 specific competencies for working in locationally disadvantaged communities were identified. In Phase 3 a short course was developed to develop these competencies in the workforce. We are now seeking funding to run this short course.

Cognitive Behavioural Therapy (CBT) intervention for people who are working with high need clients

Research Team: **Vanessa Rose**.

This exploratory research project aims to evaluate the impact of a brief CBT course on the levels of stress experienced by local human services workers working with high need clients.

Cognitive Behavioural Therapy (CBT) intervention for people who are unemployed.

Research Team: **Vanessa Rose**, Elizabeth Harris, 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 will be evaluating a train the trainers program for 121 Employment.

Healthy Public Policy (HPP) (Healthy Impact Assessment (HIA))

Healthy public policy seeks to incorporate considerations of health and well-being into government, non-government private sector policies and programs in a systematic and transparent way. To be sustained, such interventions require

there to be a strong orientation towards 'healthy public policy' within health and non-health sectors.

NSW HIA Capacity Building Project

Research Team: **Elizabeth Harris**, **Lynn Kemp**, Patrick Harris, Ben Harris-Roxas, Jenny Hughes (NSW Health).

This project aims to build capacity across the NSW health system to undertake Health Impact Assessments. We are developing an MPH Unit on HIA; training workers from across the health system to undertake HIA; developing and supporting a web-site; working with other government departments and local government to identify how HIA can be incorporated in their planning processes and organising workshops and training opportunities in urban health and development.

Developing a conceptual framework for.908 Td()TJETEMC BT/T11 1 Tf

**Development of an International Health Inequity Network
with a focus on primary health care (PHC)**

Research Team: **Elizabeth** _____

Primary Health Care Research Capacity Building Stream



Research is essential to guide policy and practice. There is a well recognised need to build capacity for research in primary care. To this end the Australian Government established the Primary Health Care Research, Evaluation and Development Strategy (PHCRED), which is now in its second phase (2006-2009). A key component of the PHCRED Strategy is the University Research Capacity Building Initiative (RCBI). The RCBI provides University Departments of General Practice and Rural Health across Australia with funding to implement a program of research development and training activities for primary care professionals.

T R C B P CPHCE

The Centre receives funding 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 280 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.

The RCBP team includes: Professor Nick Zwar who is the Director of the program as a whole; Vanessa Trayor who provides overarching co-ordination and direct support to the South East Sydney node of PHReNet; Suzan Mehmet who administers PHReNet; Sarah Dennis who is our Senior Research Fellow providing mentoring and training in South West Sydney; and Pippa Burns who provides support in the Illawarra region.

Key achievements:

Education

- Conducted six Introductory Research Skills workshops (questionnaire design, handling data, qualitative methods, EBM, submission writing, evaluation) attended by a total of 73 participants (Sarah Dennis, Vanessa Traynor, David Perkins)
- Ran four EBP Journal club meetings, attended by a total of 26 participants (Sarah Dennis and Sanjyot Vagholkar)
- Conducted five sessions of our Writing Support Group, attended by a total of 33 participants total (Sarah Dennis)
- Co-convened two state-wide short courses on Research Methods, with a total of 30 participants in each (Vanessa Traynor, Nick Zwar, Sarah Dennis)

Mentoring and supervision:

- Maintained a productive and active research network (PHReNet) with 280 members (across all regions) (Suzan Mehmet, Pippa Burns)
- Awarded \$60,000 worth of funding under the PHReNet Small Research Grants Scheme to support the research of early career researchers
- Provided mentoring and other support to a total of 15 projects, including:
 - Resistant starch the natural weight reducing agent- Judit Gonczi (GP project) (Nick Zwar and Sarah Dennis supervising)
 - Vietnamese Community needs assessment (multicultural/community health) – launched (Sarah Dennis supervising)
 - Tai Chi in Type 2 diabetes - Dr Paul Lam (GP project) (Nick Zwar and Sarah Dennis supervising)

- Mental Health in Chinese Immigrant Patients (GP project) (Elizabeth Comino and Sarah Dennis supervising)
-

Teaching Activities

The Centre 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 2006:

Undergraduate Medicine at UNSW

■ Society and Health A & B

Elizabeth Harris (Design Group Co-Convenor), Mark Harris (Lecturer)

■ Society and Health

Mark Harris (Lecturer, Design Group Co-convenor, Course Tutor), Jeremy Bunker, Sanjyot Vagholkar, Nick Zwar

Guest Lecturers: Cheryl Amoroso, Henna Aslam, Elizabeth Comino, Elizabeth Harris, Ben Harris-Roxas, Rachel Laws, Gawaine Powell Davies, Vanessa Rose

■ Clinical and Communication Skills

Jeremy Bunker, Sanjyot Vagholkar, Nick Zwar (Hospital-based Tutors)

■ Foundation Course

Mark Harris (Lecturer)

■ General Practice (5th Year)

Jeremy Bunker, Mark Harris, Tim Shortus, Sanjyot Vagholkar, Nick Zwar (Tutors, Examiners)

■ Independent Learning Project – student placement

Lynn Kemp, Mark Harris (Supervisors)

Other Undergraduate Courses at UNSW

■ Healthy Planning (with the Faculty of the Built Environment)

Patrick Harris, Ben Harris-Roxas (Guest Lecturers)

Postgraduate Medicine at UNSW

Masters of Public Health (MPH)

a) MPH Electives run through CPHCE

■ Health Inequalities

Elizabeth Harris (Course co-ordinator)

Henna Aslam, Katina Kardamanidis, Patrick Harris, Lynn Kemp, Vanessa Rose

■ Health Impact Assessment

Ben Harris-Roxas (Course co-ordinator)

Elizabeth Harris, Patrick Harris, Lynn Kemp

■ Delivery of Primary Health Services in the Community

Mark Harris, Gawaine Powell Davies (Course Co-ordinators)

Cheryl Amoroso, Joyce Chong, David Perkins

b) Contributions to other MPH Courses

■ Introduction to Public Health

Ben Harris-Roxas, Elizabeth Harris (Guest Lecturers)

■ Community Development

Vanessa Rose (Guest Lecturer)

■ Environmental Health

Ben Harris-Roxas (Guest Lecturer)

Masters of Health Services (MHS)

■ Health Services Development and Implementation

Sue Kirby (Course Coordinator)

■ Evaluation and Planned Change

Sue Kirby (Course Coordinator)

Other Graduate Teaching

■ Masters of Public Health, Menzies School of Health Research on Health Policy

David Perkins (Guest Module Leader)

■ 'Writing Better Research Proposals' Department of Rural Health, University of Sydney

David Perkins (Workshop Leader)

Other Teaching

- **Health Impact Assessment Training Course (for NSW Health staff)**

Ben Harris-Roxas (Guest Lecturer)

- **Health Impact Assessment, Population Health Professional Development**

Ben Harris-Roxas (Guest Lecturer)

- **Introduction to HIA [for NSW Health staff]**

Ben Harris-Roxas (Guest Lecturer)

- **Management Development for Senior Managers**

School of Public Health and Community Medicine [*For Senior Managers in the Solomon's Islands Ministry of Health*]

Sue Kirby (Teacher and participant supporter)

- **Literature Searching Workshop for SIGPET**

Sarah Dennis (Occasional Workshop Leader)

CPHCE also provides training through its PHReNet program, listed on page 29.

Research Students

The Centre provides many opportunities for research students. In 2006 a total of 10 PhD students and 2 Masters by Research students were enrolled at the Centre (including a number of CPHCE staff members), supervised by four senior staff members. Topics include cardiovascular risk, diabetes, post-natal depression, road safety and Indigenous child health.

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 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 Network

NSW

Alliance of NSW Divisions of General Practice
Bankstown Division of General Practice
Central Coast Division of General Practice
Central Sydney Division of General Practice
Eastern Sydney Division of General Practice
Hornsby Ku-ring-ai Ryde Division
Illawarra Division of General Practice
Murrumbidgee\North Western Slopes Division of General
Practice
South eastern NSW Division of General Practice
Riverina Division of General Practice & Primary Health Ltd.
South Eastern Sydney Division of General Practice
Southern Highlands Division of General Practice
St George Division of General Practice
Sutherland Division of General Practice

V

Central Highlands Division of General Practice
General Practice Divisions of Victoria
Eastern Ranges 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

Publications

Book Chapters

1. Stoelwinder J, Blandford J, **Perkins D A**. *Towards Integrated Service Delivery Systems*. In: MG Harris and Associates, editor. *Managing Health Services: Concepts and Practice*. 2nd ed. Sydney: Elsevier; 2006.
2. **Harris MF, Penn D, Taggart J, Georgiou A, Burns J, Powell Davies PG**. *Chronic Disease Registers and their Use for Recall and Audit in Primary Health Care*. In: Lazakidou A, editor. *Handbook of Research on*

- 12. Kemp L.** Identification of nurse competencies to confidently deliver effective home visiting to families with complex needs. *International Society for the Prevention of Child Abuse and Neglect*. York, UK. September 2006
- 13. Kemp L, Harris E,** McMahon C, Matthey S, Vimpani G, Anderson TM, et al. What are the outcomes of antenatal nurse home visiting? *National Investment for the Early Years (NIFTeY)*. Sydney. February 2006
- 13.** Lam P, **Zwar NA, Dennis S,** Diamond T. A randomised control trial to assess the effectiveness of Tai Chi for people with type 2 diabetes. *RACGP 49th Annual Scientific Conference Brisbane, 5-8 October 2006*. Brisbane. October 2006
- 14. Larsen K, Perkins DA.** Review of the Far West Mental Health and Counselling 1800 Line. *General Practice and Primary Health Care Conference*. Perth. July 2006
- 15. Laws RA, Powell Davies PG, Williams A.** Putting prevention into practice: Community Health Risk Factor Management Research Project. *General Practice and Primary Health Care Research Conference*. Perth. July 2006
- 16. Laws RA, Powell Davies PG, Williams A, Harris MF.** Building health services' capacity for prevention: Community Health Risk Factor Management Research Project. *NSW Health Promotion Symposium*. Sydney. June 2006
- 17. McDonald JM.** Models of integrated primary and community health service delivery: learning from the evidence. *NSW Health Integrating Primary and Community Health Workshop*.

30. **Zwar NA**. Research ethics - A practical workshop on how to complete a human research ethics application. *RACGP 49th Annual Scientific Conference*. Brisbane. October 2006
31. **Zwar NA, Hasan I, Harris M, Traynor V**. Barriers and facilitators to influenza vaccine among high risk groups aged less than 65 years. *RACGP 49th Annual Scientific Conference*. Brisbane. October 2006

Journal Articles

1. **Amoroso C**, Zwi A, Sommerville E, Grove N. Epilepsy and stigma. *Lancet*. 2006 367(9517):1143-4.
2. Barton C,

-
- 20.** Newland J, **Zwar NA**. General practice and the management of chronic conditions. Where to now? *Australian Family Physician*. 2006 35(1):16-9.
- 21.** Newman L, Baum F, **Harris E**. Federal, State and Territory government responses to health inequities determinants of health. *Australian Health Promotion Journal of Australia*. 2006 December 2006 17(3):217-25.
- 22.** Orr R, Tsang T, Lam P, **Comino EJ**, Fiatarone Singh M. A Randomised Controlled Trial of Tai Chi in Older Adults with Type 2 Diabetes: Effect on Balance, Gait, Muscle Power and Contraction Velocity. *Diabetes Care*. 2006 April. 29(9):2120-2122
- 23.** Orr R, Tsang T, Lam P, **Comino EJ**, Singh MJ. Mobility impairment in type 2 diabetes - association with muscle power and effect of Tai Chi intervention. *Diabetes Care*. 2006 29(9):2120-2.
- 24.** **Perkins DA**, Roberts R, Sanders T, Rosen A. The Far West Health Service Mental Health Integration Project: A model for Rural Australia? *Australian Journal of Rural Health*. 2006 14(3):105: 105-10
- 25.** **Powell Davies PG**, Hu W, **Harris E**, **Harris M**, Furler J, **McDonald J**. Developments in Australian general practice 2000-2002: what did these contribute to a well functioning and comprehensive Primary Health Care System. *Australia & New Zealand Health Policy*. 2006 January 3(1).
- 26.** Shakeshaft A, Fawcett J, Mattick RP, Richmond RL, Wodak AD, **Harris MF**, et al. Patient driven computers in primary health care: their use and feasibility. *Health Education*. 2006 106:400-11.
- 27.** Tan D. 3.9289 952774412 3 (5Td(Harris)TJET/Span ActualText (b)Td3.9289 952774412 3 8357 0 TdI)TJ/T12 1 Tf9 0 0 9 59.5275 213.68

Reports

UNSW Research Centre for Primary Health Care and Equity

1. Aslam H, Kemp L, Harris E. MECOSH Postnatal Findings: Descriptions and Comparisons
2. **Aslam H, Kemp L, Harris E.** MECOSH Antenatal Findings: Descriptions and Comparisons
3. **De Domenico M, Yu CF, Taggart J, Harris MF, Powell Davies PG.** Barriers and Enablers to the uptake of NIDP Diabetes Service Incentive Payments in General Practice
4. **De Domenico M, Yu CF, Taggart J, Harris MF, Powell Davies PG.** Supporting the National Integrated Diabetes Program in General Practice - Division Activities & Practice Use of Registers.
5. **Harris E, Harris P, Kemp L.** Rapid Equity Focused Health Impact Assessment of the Australia Better Health Initiative: Assessing the NSW components of priorities 1 and 3
6. **Harris P, Harris-Roxas B, Harris E, Kemp L.** Healthy Urban Planning: Recommendations from the New South Wales Health Impact Assessment Project
7. **Hasan I, Vagholkar S, Zwar NA.** Access to Allied Psychological Services Program in the Macarthur Division of General Practice - Evaluation report 2005-06
8. **Hasan I, Vagholkar S, Zwar NA.** Transcultural Access to Allied Health Care Project. An Access to Allied Psychological Services program in the Fairfield Division of General Practice - Evaluation report 2004-06
9. **Knight J, Kemp L.** Our children - Our culture - The SSWAHS Families First Multicultural Project Final Evaluation
10. **McDonald JM, Powell Davies PG.** Identifying and reviewing primary care and community health performance indicators - Mapping project for National Health Performance Committee Sydney
11. **Pascoe S.W., Proudfoot J, Powell Davies PG, Harris M.** Integrating Chronic Disease Self Management into General Practice: A Scoping Paper
12. **Perkins DA.** Practice Based medical student and registrar teaching and supervision
13. **Perkins DA, Powell Davies PG.** A network of general practices to monitor changes in chronic disease care? - Scoping paper for Australian Government Department of Health and Ageing
14. **Powell Davies PG, Harris MF.** Development of the standard national questions and population health estimates to support the implementation of the national performance indicators for Divisions of General Practice
15. **Powell Davies PG, Comino E, Williams AW.** Evaluating the Integrated Primary Health and Community Care Services Program
16. **Powell Davies PG, Harris MF.** Estimates of the population of each Division and state/territory who could benefit from a GP 3 step mental health plan
17. **Powell Davies PG, Harris MF, Perkins D, Roland M, Williams A, Larsen K, et al.** Coordination of care within primary health care and with other sectors: - A Systematic Review Stream 4
18. **Powell Davies PG, Perkins D, Hare L.** GP Hospital Integration Demonstration Sites Program - National Evaluation Report
19. **Taggart J, Harris MF, Powell Davies PG.** Evidence based interventions and National Diabetes Program - Scoping Paper
20. **Wan Q, Taggart J, Harris MF, Powell Davies PG.** A longitudinal analysis of type 2 Divisions diabetes data from the Macarthur Division of General Practice
21. **Wan Q, Taggart J, Powell Davies PG, Harris MF.** A longitudinal analysis of type 2 Diabetes Data from the Southern Highlands Division of General Practice
22. **Williams A, Powell Davies G, Harris MF.** Development of an Evaluation Framework for the "Moving on Program". Arthritis Foundation of NSW
23. **Yu CF, Harris MF, Powell Davies PG, Taggart J, Traynor V, Domenico MD.** National Divisions Diabetes Program Review

