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

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

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

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

We continue to receive invaluable advice and support from the Management Board and Advisory Committee. We are grateful to the members of these two groups for their work during the year, and particularly their Chairs, Senior Associate Dean, Professor Terry Campbell, and Emeritus Professor Ian Webster.

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

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

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

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

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

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

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

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

The work of the Centre is overseen by a Management Board, chaired by Professor Terry Campbell. There is also an Advisory Committee, chaired by Emeritus Professor Ian Webster, which provides advice on strategic directions and opportunities for strengthening the research program. Within the Faculty of Medicine the Centre is closely affiliated with the School of Public Health and Community Medicine, with the Head of School sitting on both Management Board and Advisory Committee.

M A Y C A V C



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

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

Ian Webster

As medical graduates and other health professionals begin to work in teams - using information technology, new pharmacological and surgical interventions - new styles of working and professional relationships are being explored. Coordination, teamwork and communication have become even more important in frontline problem-solving. The May Federal Budget allocated \$3.5 billion to healthcare involving a large investment in health technology. It is worth noting that much of this investment is in the delivery of health services in the community. The May Budget also allocated \$1.4 billion to the health workforce, which is a significant investment in the health workforce. The May Budget also allocated \$1.4 billion to the health workforce, which is a significant investment in the health workforce.



M E V D



Mark Harris

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

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

We continued to receive competitive research funding including \$1.5 million in National Health and Medical Research Council (NHMRC), Australian Research Council (ARC) and other Category 1 funding sources for new projects and extensions to existing projects. We also received funding from NSW Health of \$500,000 under its Capacity Building Infrastructure Grant program and Research Capacity Building funding of \$260,000 from the Australian Government Department of Health and Ageing through the Primary Health Care Research Evaluation Development Strategy. We published 43 papers in peer reviewed journals, 7 chapters and a book, and our large group (15) of research students is progressing well, with two submitting their PhD theses. We have also continued to supervise 7 medical students undertaking Honours or Independent Learning Projects (ILP) with the Centre.

Our research has informed health government policy at state and national levels especially health reform. As the move to establish Medicare Locals in place of Division of General Practice our research at this level becomes more important. We have contributed to this debate through academic publications and presentations as well as a strategy to engage the media in our research findings.

Our research is highly relevant to primary health care practice, including providing evidence and tools for best practice (cardiovascular risk, preventive care, behavioural risk factor managements are being acti pr412SW HealthWa strategy to enst

Looking Forward

In 2011 and beyond we will continue to develop:

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



Professor Mark Harris

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2010 Fellowship Recipients

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

Advance Care Planning in Australian primary care

Joel Rhee, : Nicholas Zwar and Lynn Kemp.

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

****Marumali Evaluation: Aboriginal Community Health Brokerage Service***

Nicholas Zwar, Sarah Dennis, Iqbal Hasan, Lisa Jackson Pulver (Muru Murri, UNSW), Ian Wilson (UWS). san, Lisa

number of general practices and community health centres in Melbourne from July-December 2010. A UNSW-University of Melbourne proposal is being developed to evaluate this cultural respect program with a cluster controlled clinical trial in Sydney and Melbourne in 2011-2.

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

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

This cluster randomized controlled trial is being implemented in 50 general practices. Practice recruitment has occurred in Sutherland, St George,

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

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

This is a cluster randomised controlled trial in 34 practices in four Divisions of General Practice. Intervention practices receive training and support to implement absolute cardiovascular risk assessment as part of a health check in general practice. The impact on clinical practice and behavioural and physiological risk factors is being evaluated over 12 months. Patient follow up was completed in late 2010. Two papers have been published. Quantitative and qualitative analysis are proceeding and further publications are planned.

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

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

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

Cardiovascular absolute risk assessment in general practice and impact on prescribing

Sanjyot Vagholkar, Nicholas Zwar and Mark Harris.

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

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

Suzanne McKenzie. Mark Harris and Gavin Andrews (St Vincent's Hospital).

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

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

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

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

Primary Health Care Development

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

There are two programs within this stream:

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

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

Do patient attitudes contribute to frequent readmissions?

Sue Kirby Sarah Dennis and Mark Harris.

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

Access to Primary Health Care

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

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

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

Research Team: **Elizabeth Comino**, Bettina Christl, John Furler (University of Melbourne), Yordanka Krastev, Marion Haas (UTS), Jane Hall (UTS), Mark Harris, Gawaine Powell Davies, Antony R vm6iesnacceaaVidMI8gh(w)phary

there were as many adults who were not diagnosed.
This study is exploring the patient characteristics
that were associated with presence of diabetes

Each child receives a full paediatric assessment when they are aged three and five years. Assessment tools used at this stage include the Griffith Mental Health Scales, the Peabody Picture Vocab test as well as a full hearing assessment. The study contains a qualitative component which will identify the hopes and aspirations the mothers have for their children

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

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

The results of the Gudaga I and MECSH I studies indicate that Aboriginal children in the Macarthur region are at risk for poorer health and developmental outcomes, and that implementation of the MECSH intervention for these families may improve outcomes. Preliminary work with the child and family health nursing team has been undertaken to commence implementation of the intervention. NHMRC funding has been received to conduct a trial of sustained nurse home visiting for Aboriginal and non-Aboriginal families in Campbelltown. In 2010 systems were developed to identify and recruit families for the intervention and ethics approvals were gained. The trial of the intervention will start in 2011.

Disadvantaged Communities and Populations

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

Cognitive behavioural therapy (CBT) intervention for people who are unemployed. (Cabramatta Community Centre, SSWAHS)

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

Developing over the past decade, this research concerns the impact of a brief CBT intervention on health, well-being and employment outcomes of people who are long-term unemployed, including

interventions with people who have chronic mental illness. While the intervention has demonstrated success, uptake has been limited because of difficulties with access to psychologists due to cost and availability. Cabramatta Community Centre and SSWAHS Mental Health Promotion and Population Health funded the further development of a DVD, facilitator's manual and workbook to support the delivery of the CBT program by non-psychologist trainers. A pilot of the new program, involving facilitator training by a clinical psychologist, was undertaken with Cabramatta Community Centre in 2010.

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

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

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

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

: **Vanessa Rose, Elizabeth Harris, Joan Silk**

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

Ten most disadvantaged suburbs in south west Sydney (SSWAHS)

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

This project involved health, asset and service mapping of the ten most disadvantaged suburbs in south west Sydney in order to promote health and improve service access for these communities. Gaps for health service and project intervention were identified.

Equity and Healthy Public Policy

Healthy public policy aims to minimise health risk, promote health and reduce health inequity in populations. Healthy public policy is an outcome of the inclusion of actions to improve and protect health and well-being (and equity) systematically and transparently in the planning and implementation of policies, programs and projects by government, non-government and the private sectors. The work of the NSW HIA project has shown Health Impact Assessment to be an essential practical tool contributing to the development of healthy public policy. HIA provides both a structure and a process that facilitate collaboration among health professionals and between the health and other sectors.

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

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

Health impact assessment (HIA) has been

Working with local government to create healthy environments (SSWAHS)

: **Patrick Harris**

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

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

Patrick Harris, Ben Harris-Roxas, Harrison Ng Chok, Elizabeth Harris,

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

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

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

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

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

Working in partnership the Healthy Public Policy team has:

- supported the development of an Equity Framework and implementation plan for the Hunter New England Area Health Service;
- supported the Greater Southern Area Health Service to review the distribution of health services and their reach, and to integrate analysis of the equity implications of the Area's management and program decision-making;
- worked with Greater Southern Area Health Service to complete a health impact assessment of plans for rural health service delivery

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

The UNSW Primary Health Care Research Capacity Building Initiative

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

The Research Capacity Building Initiative works collaborates with:

- GP Synergy Ltd;
- General Practice New South Wales LTD, (GP NSW);
- The Schwartz Family Practice, Elderslie; and
- Divisions of General Practice within our regions.

The **Primary Health Care Research Network** (PHReNet) provides information and support to a

The 2010 UNSW RCBI team included:

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

The **Practice Based Research Network**, PHReNet-GP, was launched at the end of 2007 as a subdivision of PHReNet, with a membership of 52 in 2010. PHReNet-GP is open to individual GPs, Divisions of General Practice and Research Training Providers interested in collaborating with or taking part in research projects with CPHCE. Ongoing research information is provided through the CPHCE website (www.cphce.unsw.edu.au), the PHReNetic newsletter and regular email alerts to PHReNet-GP Members.

PHReNet-GP also provides members with the opportunity to be involved in UNSW led research projects, in piloting and developing projects or as project participants. In 2010 projects have included:

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

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

Key achievements

Education

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

Mentoring and supervision

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

Name and Degree	Project Title
Ms Sue Kirby (PhD candidate and former RDP)	<i>Do Patient attitudes contribute to frequent readmissions?</i>
Dr Joel Rhee, (former Academic GP registrar, now PhD candidate)	<i>Study of advanced care planning in the primary care context</i>
Ms Shona Dutton (RDP Masters student)	<i>GP Exercise Referral Scheme</i>
Dr Della Maneze (RDP)	<i>The Puppetry of Integrated Care – too many pulling the strings</i>
Mr John Widdup (RDP)	<i>Utilisation rates of early childhood services by Aboriginal infants within an urban population.</i>
Ms Alison Robinson (RDP)	<i>Healthy 4 Life – A pilot study</i>
Mr.Iqbal Hasan	<i>Evaluation of Sydney South West Indigenous Community</i>

Our teaching within the Faculty of Medicine, elsewhere in UNSW and for other universities and organizations allows us to share current research with students and enables staff to develop and maintain their teaching experience. Below is a summary of teaching by Centre staff in 2010¹.

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

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Master of Public Health Program

a) MPH electives run through CPHCE

Other Graduate Teaching

Subject	

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

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National

- Australian General Practice Network

NSW

- GP NSW
- Bankstown Division of General Practice
- Central Coast Division of General Practice
- Central Sydney GP Network
- Eastern Sydney Division of General Practice
- GP Network Northside (formerly Hornsby Ku-ring-ai Ryde Division)
- Hawkesbury Hills Division of General Practice
- Hunter Rural Division of General Practice
- South Eastern Sydney Division of General Practice
- Southern Highlands Division of General Practice
- St George Division of General Practice
- Sutherland Division of General Practice
- Northern Rivers General Practice Network
- Dubbo Plains Division of General Practice
- Macarthur Division of General Practice
- NSW Outback Division of General Practice
- New England Division of General Practice
- North West Slopes Division of General Practice
- Wentwest Ltd

Victoria

- General Practice Victoria

Queensland

- South East Alliance General Practice
- GP Partners

General Practice Training Organisations

- GP Synergy
- WentWest Ltd

Non government organisations

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

International

- Alberta Health Services
- CDC Chronic Disease Prevention
- China-Australia health and HIV/AIDS facility (CAHAF)
- Department of Family Medicine, University of Ottawa
- Institut National de Sante Publique du Quebec
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48 staff worked at the Centre in 2010, (33.28 full time equivalents in November 2010). All staff who worked at the Centre during 2010 (including long term casual staff) are listed below. Those with an asterisk have since left.

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

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

Affiliated staff employed by the School of Public Health and Community Medicine	
Barbara Booth	Senior Lecturer
Siaw-Teng Liaw	Professor – also Director of the Centre for Health Research and Promotion

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B

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

C

1. Harris, PJ, & Harris-Roxas, BF 2010, *Assessment of Human Health and Wellbeing in Project Environmental Assessment*, In J. Bhattacharya (Ed.), *Project Environmental Clearance: Engineering and Management Aspects*

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