



UNSW Research Centre for Primary Health Care and Equity Annual Report 2013

Never Stand Still

UNSW Medicine

Centre for Primary Health Care and Equity



The Centre for Primary Health Care and Equity acknowledges that their offices are built on the traditional lands of the people of the Darug Nation and the Eora Nation, and pays their respect to Elders past and present

UNSW Research Centre for Primary Health Care and Equity
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Design and Printing: UNSW P3 Design Studio Ref 56387

Photos by Keith McInnes Photography

Published July 2014

CRICOS Provider Number 00098G



ACKNOWLEDGMENTS

It is a pleasure to be able to recognise those who support the Centre and work with us towards our aim of fairer better health and health care in the community.

Our supporters include a familiar roll call of organisations, many of whom have been with us for many years: the Faculty and University within which we work, NSW Health who provide essential infrastructure funding through a Population Health and Health Services Research Support Program grant, South Western Sydney Local Health District and the Ingham Institute for Applied Medical research who support CHETRE and the General Practice Unit at Fairfield, with the Ingham Institute also providing accommodation for CHETRE. We also thank the funding bodies who have supported our research: NHMRC, ARC, APHCRI, to name a few.














Those working with us also includes many familiar names: the School of Public Health and Community Medicine, Muru Marri Indigenous Health Unit, the Australian Institute for Health Improvement and other UNSW researchers and research groups whose work intersects with ours; researchers from universities across Australia and in Canada, New Zealand, the US and the UK; and people from the many government and non-government organisations with whom we work and who are listed in the Partners and Affiliations section on p 45. We are grateful also to the clinicians and service providers across all sectors who take the time to participate in our research and take an interest in our findings.

We acknowledge particularly our partnerships with the Local Health Districts and Medicare Locals in Sydney, south western Sydney and south eastern Sydney. These partnerships keep us in touch with the real world of health services and enabled us to see how our findings apply to primary health care as it is practised.

We are grateful to members of our Steering Committee and Advisory Committee for the support and guidance they give us. Many of them have been with us for a long time, the Chairs, Professors Terry Campbell and Ian Webster since the Centre was formed.

Finally, we thank our staff. They live with short contracts, uncertain funding, and the difficulty of building coherent research programs on an often unpredictable funding base. The work reported here shows how well they continue to respond to this challenge.

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The Centre for Primary Health Care and Equity has been a UNSW research centre since 2005, building on two groups that had been working together since they were founded in 1996. We operate from three locations: on campus at Randwick, at Liverpool (the Centre for Health Equity Training, Research and Evaluation (CHETRE)) and at Fairfield (the General Practice Unit).

- Prevention and Management of Chronic Disease
- Primary Health Care Informatics
- Primary Health Care System Development
- Family and Social Ecology

We work across these areas at national, state and local levels. This enables us to investigate health issues at the level of individuals and communities, services and systems as well as putting them in an international context.





CPHCE 2013 Annual Forum Keynote Speaker
Prof Eileen Baldry and Emeritus Prof Ian Webster

MANAGEMENT

2013 Steering Committee

The Steering Committee oversees the work of the Centre, ensuring that it pursues its objectives in line with its terms of reference and is financially sound. The Committee met on 2 April, 30 July and 26 November 2013.

Chair

Professor Terry Campbell Senior Associate Dean, Faculty of Medicine, UNSW Australia

Members

Professor Mark Harris Executive Director, Centre for Primary Health Care and Equity, UNSW Australia

Associate Professor Gawaine Powell Davies CEO, Centre for Primary Health Care and Equity, UNSW Australia

Dr Teresa Anderson Chief Executive, Sydney Local Health District

Professor Ilan Katz Professor, Social Policy Research Centre

Ms Amanda Larkin Chief Executive, South West Sydney Local Health District

Professor Raina MacIntyre Head, School of Public Health and Community Medicine, UNSW Australia

Professor Bill Randolph Director, City Futures Research Centre, Faculty of the Built Environment, UNSW Australia

Secretariat (non-voting member)

Ms Sarah Ford Finance Manager, Centre for Primary Health Care and Equity, UNSW Australia

Message from the Chair of the Steering Committee



In 2013 health reform, which had been gaining momentum over the previous 2-3 years, came up against the policies of a new government. While its directions for the health care system are still emerging, it is clear that there will be considerable change to primary health care organisations, and new strategies will be needed to strengthen primary health care and improve equity. This is likely to have a significant effect on the work of the Centre for Primary Health Care and Equity, which has invested its efforts in supporting health reform and contributing to the development of Medicare Locals. It also increases the need for the kind of engaged research, evaluation and development that is the Centre's trademark.

In this context the partnerships which the Centre has developed with neighbouring Local Health Districts and Medicare Locals provide a strong foundation for working in an uncertain environment. In 2013 the Centre established the Health Equity Research and Development Unit, a joint venture with Sydney Local Health District, and struck an agreement with the South Eastern Sydney Local Health District to fund five year senior research fellow position to develop links between the Centre's research and the Local Health District. Together with the long standing support from the South Eastern Sydney Local Health District for CHETRE and the General Practice Unit, this provides a good foundation for the Centre's research and something of a buffer against difficult times.

In spite of the changing environment, 2013 has been a good year for the Centre. COMPARE-PHC, the Centre for Obesity Management & Prevention Research Excellence in Primary Health Care based at CPHCE is now well established and in the midst of its research program. IMPACT, a five year Australian-Canadian study of ways of improving access to high quality primary health care is getting underway. The MECSH early childhood home visiting program developed by the Centre in south western Sydney is now being trialled across Australia, and implemented in the UK and Korea. The Primary Health Care Informatics research stream is now well under way, and the Centre was the academic lead for the national evaluation of Medicare Locals. I would like to thank the staff for their hard work during the year, and look forward to further success in 2014..

PROFESSOR TERRY CAMPBELL

Chair, Steering Committee

2013 Advisory Committee

The Advisory Group provides strategic advice to the Centre on its research program. It met on 9 April, 23 July and 15 October 2013.

Chair

Emeritus Professor Ian Webster AO School of Public Health and Community Medicine, UNSW Australia

Members

Ms Tish Bruce Director of Community Health, SE Sydney and Illawarra Local Health District

Ms Solange Frost Senior Policy Officer, Council of Social Services New South Wales

Professor Mark Harris Executive Director, Centre for Primary Health Care and Equity, UNSW Australia

Associate Professor Lynn Kemp Director, CHETRE, UNSW Australia

Mr Lewis Kaplan CEO, GP NSW

Professor Lisa Jackson Pulver Director, Muru Marri Indigenous Health Unit, UNSW Australia

Professor Siaw-Teng Liaw Director, Fairfield General Practice Unit

Professor Raina MacIntyre Head, School of Public Health and Community Medicine, UNSW Australia

Dr Blythe O'Hara Executive Officer, Prevention Research Collaboration, University of Sydney

Associate Professor Gawaine Powell-Davies CEO, Centre for Primary Health Care and Equity, UNSW Australia

Associate Professor Virginia Schmied School of Nursing and Midwifery, University of Western Sydney

Dr Sean Slavin Senior Policy Officer, Strategy and Partnerships Branch, Centre for Population Health, NSW Health

Dr Christine Walker Chronic Illness Alliance, Victoria

Professor Nicholas Zwar Professor of General Practice, School of Public Health and Community Medicine, UNSW Australia



Committee chair Ian Webster (centre) with wife Jan (left) and committee member Lynn Kemp (right)

Message from the Chair of the Advisory Committee



As the ground rules change the Centre's work is never-ending. Changes in health policies, organisational structures and funding inevitably affect the direction of the Centre's work in prevention and chronic disease management and especially our principal focus on health equity.

The Centre works on a range of issues which do not get the attention they deserve. Hospitals remain the focus of health policy and funding, whereas primary healthcare is neither expected nor well-equipped to fulfil its potential in prevention and in the management of long-term conditions. Marginalised groups remain marginalised, and a focus on efficiency and markets misses the importance of a universal, affordable and equitable health service which does not distinguish between those who can pay and those who cannot. We have prided ourselves in Australia on being social equals, each getting a fair deal. But the evidence from estimates of income inequality and wealth distribution indicate there are widening social divisions in our country.

In addition there are competing views of health – as an attribute of individuals alone or health as an outcome of the values and structures of communities; and of health care as a good to be purchased according to means, with a safety net for those who can't afford it, or as the entitlement of all citizens.

What then is to be done and how can the Centre help? We must seize the opportunity to look back at how well we have been travelling until this time, to distinguish between the intention and the reality of health reform, and to explore new ways for the values of primary healthcare and equity to be strengthened in these new social conditions. Change brings opportunity, opportunities for new forms for public-private partnerships, for services that can build the capacity of individuals and families to manage their own health, and for new ways of influencing health and social policies to build a healthy society.

This requires imagination and foresight to find new ways ahead. And while there is a sense of urgency and research is necessarily a slow and cautious process, the Centre's engagement with front-line health services, non-government organisations and other groups, provides the environment in which ideas can be tested in the real world and from which new ideas may grow.

Take for example, information technology. The lives of individuals and organisations are increasingly dependent on information technology. Governments use websites and other portals to provide health information and access to personal health data for individuals and organisations. And health organisations depend heavily on information technology to communicate, administer and deliver health services. Thus the growing expertise and interest in information technology in the Centre will keep primary health care locked into these sweeping developments and enhance the engagement with contemporary health problems.

The Advisory Committee expresses its appreciation to Professors Terry Campbell and Mark Harris and Associate Professor Gawaine Powell Davies for their leadership and stewardship of the Centre. We admire the quality of the work in each research stream. For those beginning research we wish them productive and fulfilling research careers in the future.

As Chair, I thank each member of the Advisory Committee for their continuing interest and support and for the soundness of their advice based on wide experience and knowledge.

The Advisory Committee thanks the external funding bodies, the University, the Faculty of Medicine and the School of Public health and Community Medicine for their practical support and encouragement

A handwritten signature in black ink, reading 'I. W. Webster', with a horizontal line underneath.

EMERITUS PROFESSOR IAN W WEBSTER AO
Chair, Advisory Committee

CPHCE Board of Directors



Executive Director

Professor Mark Harris



Chief Executive Officer

Associate Professor Gawaïne Powell Davies

Directors



Associate Professor Lynn Kemp



Professor Siaw-Teng Liaw



Professor Nicholas Zwar

Message from the Executive Director



In 2013 we developed a new health stream, Primary Care Informatics, and we have continued to develop research units with Sydney and South East Sydney Local Health Districts and Medicare Locals in addition to our long standing partnerships and structures in South West Sydney. In addition to COMPaRE- PHC, the Centre for Obesity Management and Prevention Research Excellence in Primary Health Care, we have a major role in the IMPACT CRE – a Canadian Australian collaboration focused on improving access to primary health care by vulnerable and disadvantaged population groups.

A number of research programs entered new phases of work. Children in the Gudaga cohort, which began at birth are now in primary school and new projects focusing on assessment of their health and education performance commenced. The Centre completed work on the national evaluation of Medicare Locals, the NSW Severe Chronic Disease Management Program and two large NHMRC projects – one on COPD and one on the prevention of vascular disease in general practice (PEP). We completed linked data research focused on preventive care and quality of care for patients with diabetes.

We continued to translate our completed work into publications and presentations which have informed policy and practice. The Miller Early Childhood Home Visiting Trial (MESCH) program was taken up in the UK and South Korea as well as in Australia. CPHCE's research has continued to inform government health policy at state and national levels. In addition, our involvement with Medicare Locals, engagement with policy makers and dissemination of research findings through academic publications and presentations have been supporting health reform.

We have a broad range of partnerships with other researchers, policymakers, practitioners, local communities and consumers. During 2013 we received visiting fellowships from a number of international researchers including: Professor William Dietz, former director of the Division of Nutrition and Physical Activity at the Centers for Disease Control and Prevention USA, visited on obesity in children; Professor David Weller from Edinburgh University in Scotland on cancer management in primary care; Professor Ann Rogers and Anne Kennedy from Southampton University in the UK on self-management; Prof. Chris van Weel from the Netherlands; Dr Nick Goodwin from the Kings Fund; and Dr Michiko Hoshiko from Kurume University in Japan.

Looking Forward

In 2013 and beyond CPHCE will continue to develop research on:

- health informatics in primary care linking practice and diabetes service electronic health records to better understand how chronic disease management is shared in the “medical neighbourhood”
- improvement the quality and appropriateness of primary health care for Aboriginal and Torres Strait Islander peoples
- improving access to primary health for vulnerable populations
- improving implementation of preventive care especially for patients with low health literacy.

CPHCE will continue to develop partnerships with Local Health Districts and Medicare Locals in NSW to conduct research and evaluation which is relevant to their needs and priorities and strengthen our international collaborations and the Centre's international profile.

A handwritten signature in black ink, appearing to read 'Mark Harris', with a stylized flourish at the end.

PROFESSOR MARK HARRIS

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



STAFF

All staff employed through the Centre during 2013 (including long term casual staff) are listed below. Those with an asterisk have since left. As at November 2013, there were 48 staff members (34.24 FTEs).

Professor

Professor Mark Harris MBBS, FRACGP, DRACOG, MD

Associate Professor

Associate Professor Gawaine Powell Davies BA (Hons), MHP

Associate Professor Pat Bazeley Cert Teaching, BA (Hons), PhD

Associate Professor Elizabeth Comino BVSc, BSc, MPH, PhD

Associate Professor Lynn Kemp BHSc, PhD, RN

Senior Research Fellow

***Dr Sarah Dennis** Grad Assoc Phys, MSc, PhD

Dr Rebekah Grace BA (Psychology) (Hons), PhD

Dr Elizabeth Harris BA, DipEd, DipSoc Work, MPH, PhD

Dr Upali Jayasinghe MSc Maths, GradDip Stats, GradDip Appl Stats, PhD

Dr Jenny Knight BA (Hons), Dip Ed, MPH, PhD

Dr Julie McDonald BA, MPH, PhD, RN

Dr Catherine Spooner BA (Hons Psychology), MPH, PhD

Dr Hairong Yu BEng (Hons), MSc, PhD

Research Fellow

Dr Nighat Faruqi MBBS, MCCH, PhD
Dr Patrick Harris BA (Hons), MPH, PhD
Ms Fiona Haigh BSocSc, MPH, LLB, PhD Candidate
Dr Jane Lloyd BAppSc (Health Ed), MPH, PhD
***Dr Vanessa Rose** BA (Psychology), MA (Psychology), PhD
Ms Jane Taggart BEd, Dip PE, MPH
***Ms Anna Williams** BHSc (Nursing), MPH, RN, PhD Candidate

Senior Research Officer

Ms Sharon Parker BHSc (Nursing), MPH, RN
Ms Heike Schütze AdvCert Biomed Tech, BSc (Biomedical), MPH, PhD Candidate

Research Associate/Research Officer/Project Officer

***Mr Raghib Ahmad**
Ms Cheryl Anderson
Ms Emma Elcombe Cert IV Bus, BAppSc (Equine Studies), MSc (Brain and Mind Sciences)
***Ms Pauline Foote** BA (BehavSc), RN, RM, GradCert Pub Sector Man
***Ms Lesley Garton** B Soc Work
Mr Iqbal Hasan MBBS, MTH
Mr Oshana Hermiz MB, ChB, DS
Mr Md Fakhrul Islam BSc, MSc, MIS, MBIostat
Ms Karla Jaques BPH
Ms Chandni Joshi MPH/MHM, MIPH
Dr Catherine Kaplun BEd (ECE) (Hons), PhD
Mr Harrison Ng Chok* BSc, MPH
***Ms Melanie Rollans** Grad Cert Alcohol and Other Drugs, GradDip Psych, BN, MN (Mental Health), PhD Candidate
Mr Nicholas (Nick) Rosser A/Dip Health (Sport and Rec), Dip Health (Sports Coaching), BExSc&R, MSc
Ms Sheryl Scharkie RN
Ms Jaimie Tredoux BHSc, MHSM
Ms Natasha West Certificate III Aboriginal and Torres Strait Primary Health

Programmer

Ms Monica Aburto Cert. Microsoft Access Advanced, SAS Programming

Research Assistant

Ms Fiona Byrne BAppSc (Information Studies); Assoc Dip Lib Prac
Ms Katie Hiron BA, MPH
Ms Veronica Morrison
Mr Tom Powell Davies BA (Hons)
Mr Robert Smith

Finance Manager

Ms Sarah Ford BBus

Administrative Officer

Ms Chih-Ching (Sunny) Chang BA, Grad Dip (Interpreting & Translation), MCom
Ms Kristina Chrissimos BComm
Ms Nouhad (Nina) El Haddad BSc, MNutDiet, PhD Candidate
***Ms Bryhana Kaplun** BA
Ms Elizabeth Kemp
Ms Fakhra Maan BEng Lit/BJourn, MEng Lit, MCom (Organisation and Management)

Affiliated staff

(employed by the School of Public Health and Community Medicine)

Professor

Professor Siaw-Teng Liaw MBBS, Dip Obstetrics, PhD, FRACGP, FACMI, FACHI

Professor Nicholas Zwar MBBS, MPH, PhD, FRACGP

Senior Lecturer

Dr Joel Rhee BSc (Med), MBBS (Hons), GradCert (ULT), FRACGP

(employed by Sydney South West Local Health District)

Staff Specialist & Senior Lecturer

Dr Andrew Knight MBBS, MMedSci (ClinEpid), FRACGP, FAICD

***Dr Sanjyot Vagholkar** MBBS (Hons), MPH, FRACGP, PhD Candidate

Research Officer/Project Officer

Ms Emma Friesen BEng (MfgSys) (Hons), BBus (Mktg), MProfEdTrain (WorkVocEdTrain), MIEAust

Ms Joan Silk BA (Hons), Dip Ed

Ms Siggie Zapart BPsych (Hons), PhD Candidate



Administrative Officer

Ms Mary Knopp Dip Bus Admin

Conjoint Staff

Mr Ben Cave Ben Cave Associates, Leeds, England

Dr Elizabeth Denney-Wilson University of Technology Sydney

Dr Mahnaz Fanaian University of Wollongong

Associate Professor Terry Findlay Australian Primary Health Care Research Institute

Dr Benjamin Harris-Roxas Urbis Consultants

Dr Yordanka Krastev University of Technology Sydney

Dr Rachael Laws Deakin University

Professor Jean-Frédéric Levesque Institut National de Santé Publique du Québec; Bureau of Health Information

Ms Melanie Moylan

Dr Timothy Shortus General Practitioner

Ms Sarah Simpson World Health Organization

Dr Salim Vohra Centre for Health Impact Assessment Institute of Occupational Medicine, London

Dr Qing Wan St Vincent's Hospital, Sydney

Anna Williams

Associate Professor Marilyn Wise

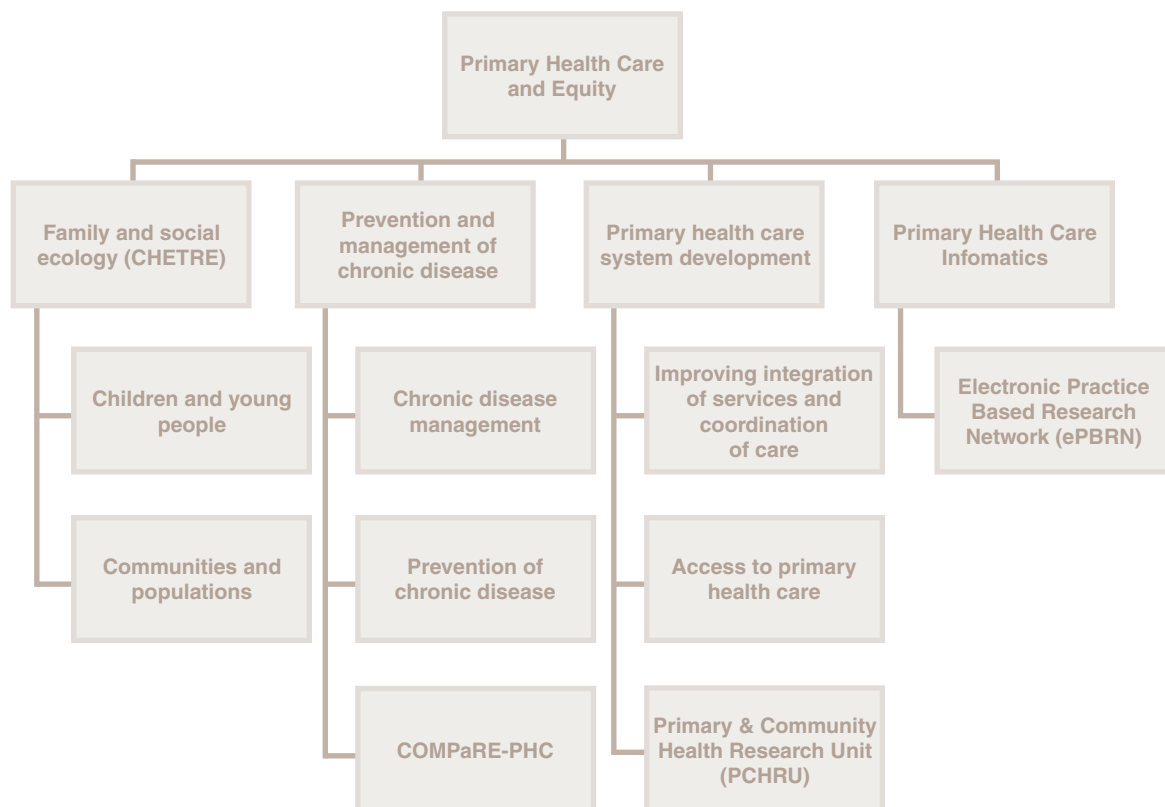




Research

RESEARCH

The Centre has four research streams, with a number of sub-programs.



Research projects active in 2013 are listed below by stream. The chief investigator is named first (in bold) followed by the project coordinator (underlined). Other members of the research team are listed in alphabetical order, and affiliations are provided for those who are not part of CPHCE. The source of funding is given in brackets. For further details of projects, please see our web site (www.cphce.unsw.edu.au)

Prevention and management of chronic disease stream

Our research on the prevention and management of chronic disease in primary health care addresses a broad range of problems currently confronting the health system as it struggles to deal with the increasing burden of chronic disease. These include innovations in the roles of health care providers within the primary care team, engagement of patients in their own care, use of new information and decision support and quality improvement strategies, and better coordinated referral and coordination between PHC care providers.

Improving chronic disease management

This program focuses on improving the quality of care for a range of chronic disease in PHC including diabetes, chronic respiratory and cardiovascular disease, cancer and patients with multiple conditions including chronic physical and mental illness. The theoretical basis of this work includes the expanded chronic illness model which identifies the support systems and organization required for optimal patient centered chronic disease management including new roles for primary care providers especially practice nurses, support for patient self-management, decision support and information systems. This program is increasingly focusing on patients with multi-morbidities in primary health care.

Projects

Attitudes to cancer follow up in general practice: Translational Cancer Research Network (TCRN) UNSW

Research Team: **Mark Harris**, David Weller

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

Research Team: **Siaw-Teng Liaw**, John Furler (Department of GP, University of Melbourne), Margaret Kelaher (Onemda VicHealth Koori Health Unit, University of Melbourne), Phyllis Lau (Department of GP, University of Melbourne), Priscilla Margaret Pyett (Monash University), Kevin Rowley (Onemda VicHealth Koori Health Unit, University of Melbourne)

Models of access and coordination of care for refugees (APHCRI)

Research Team: **Mark Harris**, Margaret Alston (Monash), Bibiana Chan, I-Hao Cheng (Monash), Chandni Joshi, Margaret Kay (University of Queensland), Winston Lo, Kevin Pottie (Ontario), Grant Russel (Monash), Mitchell Smith, Shiva Vasi (Monash), Sayed Shukrullah Wahidi (Monash)

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

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

Primary Health Care for Aboriginal people exiting the criminal justice system

Research Team: **Jane Lloyd**, Mark Harris

Quality Improvement in general practice

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

Integrating chronic illness self-management plans with primary care management: a clarification model of patient-provider care congruence.

PhD Student: **Anna Williams**; Supervisors: Patricia Bazeley and Mark Harris

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

Research Team: **William Hogg** (University of Ottawa), Ben Crabtree (University of New Jersey), Jane Gunn (Melbourne University), Mark Harris, Jean-Fred Levesque (Université de Montréal), Siaw-Teng Liaw, Julie McDonald, William Miller (Pennsylvania State University), Gawaine Powell Davies, Grant Russell (Monash University), Catherine Scott (Alberta Health Services)

Preventing chronic disease

Our research in prevention has focused on the behavioural risk factors (smoking, nutrition, alcohol, physical activity) and the physiological conditions which predispose to chronic diseases (obesity, hypertension, dyslipidaemia, and pre-diabetes). We have developed and evaluated interventions based on the 5As framework (Assess, Advise, Agree, Assist, Arrange) across the life-cycle. A particular focus is on the management of overweight and obesity and preventive care for disadvantaged groups with low health literacy. The research has included mixed method feasibility studies, quasi experimental and cluster randomized trials in both general practice and community health services. The interventions have included interactive training of health professionals in assessment of risk and motivational interviewing, enhancing the role of practice nurses, supporting referral and uptake of individual and group diet and physical activity education programs, and long term follow up and support. This research has informed NSW and Australian Government health policy and been translated into guidelines and resources for practitioners.

Projects

Cardiovascular absolute risk assessment in general practice and impact on prescribing.

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

Centre for Obesity Management and Prevention Research Excellence in Primary Health Care (COMPARE-PHC) (APHCRI)

Research Team: **Mark Harris**, Catherine Spooner, Deborah Askew (Queensland Health- Inala Indigenous Health Service), Adrian Bauman (University of Sydney), Kylie Ball (Deakin University), Iain Broom (Robert Gordon University), Karen Campbell (Deakin University), Ian Caterson (University of Sydney), David Crawford (Deakin University), Elizabeth Denney-Wilson (University of Technology Sydney), Noel Hayman (Queensland Health - Inala Indigenous Health Service), Upali Jayasinghe, Jonathon Karnon (University of Adelaide), Rachel Laws (Deakin University), Siaw-Teng Liaw, John Lynch (University of Adelaide), Gawaine Powell Davies, Deborah Schofield (University of Sydney), Nigel Stocks (University of Adelaide), Julie Will (Centres for Disease Control and Prevention)

A number of projects are being undertaken in the Centre as part of COMPARE-PHC including:

■ Better Management of Weight in General Practice (BMWGP)

Research Team: **Mark Harris**, Nighat Faruqi, Elizabeth Denney-Wilson (UTS), Nouhad El-Haddad, Oshana Hermiz, Rachel Laws (Deakin University), Siaw Teng Liaw, Jane Lloyd, Catherine Spooner, Nigel Stocks (University of Adelaide)

■ Health economic analysis of a model for implementation of guidelines

Research Team: **Mark Harris**, Jodi Gray (University of Adelaide), Jonathon Karnon (University of Adelaide), Sharon Parker, Catherine Spooner, Nigel Stocks (University of Adelaide)

■ Health literacy interventions for weight management

Research Team: **Mark Harris**, Catherine Spooner, Deborah Askew (Inala Indigenous Health Service), Sarah Dennis (University of Sydney), Nighat Faruqi, Chandni Joshi, Jane Lloyd, Nigel Stocks (University of Adelaide), Jane Taggart

■ Referral of obese patients in primary care

Research Team: **Mark Harris**, Ian Caterson (University of Sydney), Elizabeth Denney-Wilson (UTS), Jonathon Karnon (University of Adelaide), Kyoung Kon Kom (Gachon University of Medicine and Science), Rachel Laws (Deakin University), Siaw-Teng Liaw, Megan Passey (University of Sydney), Catherine Spooner, Lin-Lee Yeong

Coordinated primary health care for refugees. A best practice framework for Australia (APHCRI)

Research Team: **Grant Russell** (Monash), Mark Harris, Chandni Joshi, Winston Lo

Implementing guidelines to routinely prevent chronic disease in general practice (PEP) (NHMRC partnership grant, BUPA)

Research Team: **Mark Harris**, Sharon Parker, Raghib Ahmad, Chris del Mar (Bond University), John Litt (Flinders University), Danielle Mazza (Monash University), Gawaine Powell Davies, Grant Russell (Monash University), Richard Taylor (SPHCM, UNSW), Mieke van Driel (University of Queensland), Nicholas Zwar

Prevalence of mental health problems in patients attending Vietnamese general practices in SW Sydney (GPet)

Research team: **Siaw-Teng Liaw**, Thi Nguyen (SWSLHD), Huy An (General Practitioner), Sarah Dennis, Sanjyot Vagholkar

SEEF Equity study: access to preventive and primary health care (NHMRC)

Research Team: **Mark Harris**, Elizabeth Comino, Fakhrol Md. Islam

Supporting teamwork to enhance preventive care provided for disadvantaged patients in general practice (UNSW Faculty of Medicine Gold Star)

Research Team: **Mark Harris**, Raghib Ahmad, Nighat Faruqi, Jane Lloyd

Torpedo study: cardiovascular risk assessment and management in primary care. (NHMRC funding agreement with George Institute)

Research Team: **David Peiris** (George Institute), **Mark Harris**, Sharon Parker, Nicholas Zwar

Understanding the impact of social, economic and geographic disadvantage on the health of Australians in mid-later life: What are the opportunities for prevention? (NHMRC through Sydney University)

Research Team: **Adrian Bauman**, Jack Chen, Elizabeth Comino, Mark Harris, Fakhrol Md. Islam, Bin Jalaludin (SWSLHD)



Data collection van for the Gudaga projects. Thanks to Macarthur Automotive

Primary health care system development stream

A strong primary health care system is essential to a cost-effective health system. Much of our work in 2013 was directed towards understanding and supporting changes in primary health care following the national health care reforms, in particular the establishment of Medicare Locals and the shift towards activity based funding in Local Health Districts. This has provided opportunities for considering how important primary health care principles play out in new settings.

We have also continued our work in investigating access to primary health care, and our capacity building work through the Primary and Community Health Research Unit within south western Sydney.

Improving Integration of Services and Coordination of Care

Health reforms have opened up new challenges and new opportunities for integrating services and improving coordination of care, within and across sectors. We investigated this and other aspects of primary health care development in two large scale evaluations: the national evaluation of Medicare Locals and the process evaluation of the NSW Health Chronic Disease Management Program. We also worked with Medicare Locals and Local Health Districts to develop new approaches to primary health care provision.

Projects

An evaluation of the development, implementation, feasibility and impact of a tailored intervention to improve the quality of care for Aboriginal and Torres Strait Islander peoples attending general practice (NHMRC PhD scholarship)

PhD student: **Heike Schütze**; Supervisors: Mark Harris, Elizabeth Harris, Lisa Jackson Pulver

Assisting Medicare Locals with planning for afterhours primary medical care (Eastern Sydney Medicare Local, South Eastern Sydney Medicare Local and South Western Sydney Medicare Local).

Research Team: **Julie McDonald, Gawaine Powell Davies, Pauline Foote**, Lesley Garton (SWSML), Tom Powell Davies

Can Get Health in Canterbury (Sydney LHD, Inner Western Sydney ML)

Research Team: **Elizabeth Harris**, Penny Findlay, Tracey Wills (IWSML)

Evaluation of the NSW Chronic Disease Management Program (NSW Health)

Research team: **Gawaine Powell Davies, Julie McDonald**, Laurent Billot (The George Institute), Alan Cass (The George Institute), Anne-Marie Feyer (The George Institute), Marion Haas (CHERE), Mark Harris, Alina McDonald (The George Institute), Fiona Turnbull (The George Institute), Rosalie Viney (CHERE), Nicholas Zwar

Evaluation of the Prevention in Primary Health Care SNA Program (NSW Heart Foundation)

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

How can the primary health care system better support Aboriginal Australians released from the criminal justice system? (APHCRI)

Research team: **Jane Lloyd**, Penny Abbott (UWS), Eileen Baldry (School of Social Sciences and International Studies), Mark Harris, Devon Indig (Centre for Health Research in Criminal Justice), Elizabeth McEntyre (Awabakal Newcastle Aboriginal Cooperative), Sonya Nicholl (Justice Health), Jennifer Reath (UWS), Carla Saunders (SESLHD), Juanita Sherwood (UTS), Dea Thiele (AMS Western Sydney)

National evaluation of Medicare Locals (Department of Health and Ageing)

Research team: **Gawaine Powell Davies**, Jenny Advocat (Monash), Karen Edwards (Ernst and Young), Elizabeth Harris, Mark Harris, Thieu Hue Lam (Ernst and Young), Riki Lane (Monash), Siaw-Teng Liaw, Julie McDonald, Grant Russell (Monash), Sheena Wu (Ernst and Young), Nicholas Zwar

Qualitative study of two Superclinics (RACGP and Monash University)

Research team: **Grant Russell** (Monash University), **Mark Harris**, Gawaine Powell Davies, Nicholas Zwar

Use of services by homeless people in South Eastern Sydney LHD (SESLHD)

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



Professor Mark Harris and Professor Zhaokang Yuan of School of Public Health, Nanchang University (left) working together at CPHCE



Access to Primary Health Care

Our work with linked data collections continues to develop. Record linkage at a person level had the potential to explore questions about access to health service that may not be able to be addressed when using the same data bases individually. Using data from the 45 and Up Study, one of the largest studies of healthy aging conducted to date, we have continued to explore the association between primary care and health outcomes. During the past year we have developed a proposal to extend our current linked data to clinical data held by the four key pathology companies. This will make it possible to examine the relationship between clinical control of diabetes risk factors such as hyperglycaemia, access to quality primary care, and health outcomes including complications and hospitalisation, and extend our understanding of the role of primary health care in improving population health outcomes.

Projects

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

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

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

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

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

Research team: **Elizabeth Comino**, Tom Chen, Jeff Flack, Mark Harris, (SWSLHD), Siaw-Teng Liaw, Warwick Ruscoe (Southern Highlands DGP), Jane Taggart, Duong (Danielle) Tran

Primary and Community Health Research Unit (PCHRU)

PCHRU is a program of research capacity building in community health in South Western Sydney Local Health District. During 2013/2014 PCHRU was funded through the Division of Community Health, South West Sydney Local Health District. PCHRU is a collaborative activity of UNSW, UWS, SWSML and SWSLHD. Oversight is provided by the PCHRU Advisory Group comprising the major collaborators and the Community Health Research Advisory Group.

Projects

"Falling in between the cracks" - barriers to diabetes self-management in culturally diverse but linguistically-able patients from non-English speaking backgrounds

Research Team: **Della Maneze** (SWSLHD), Elizabeth Comino, Emma Friesen, Anau Speizer (SWSLHD), Daisy Yogendran (SWSLHD)

Implementation of AAC systems for children with physical disabilities and complex communication needs

Research team: **Kate Margetson** (SWSLHD), **Sarah Carman** (SWSLHD), Elizabeth Comino, Emma Friesen, Kate Short (SWSLHD & USyd)

Macarthur Sexual Assault Service Referral and Client Profile – Analysis and Trends 2001-2010

Research team: **Alison Huggan** (SWSLHD), Debbie Allan (SWSLHD), Elizabeth Comino, Emma Friesen, Trin Ha (SWSLHD)

Pap test screening for cervical precancer in women with a history of substance use in drug and alcohol rehabilitation services

Research team: **Jacqui Soccio** (SWSLHD), Margaret Brown (SWSLHD & Ingham Institute for Applied Medical Research), Elizabeth Comino, Emma Friesen

Review of the SWSLHD Social Work Model of Care

Research team: **Lissy Tressa** (SWSLHD), Elizabeth Comino

Supporting families not engaging with Child Protection services when clinicians have wellbeing or child protection concerns

Research Team: **Belinda Mawhinney** (SWSLHD & SLHD), Elizabeth Comino, Vanda De Silva (SWSLHD), Kim Dunlop (SWSLHD), Melissa Harnett (SWSLHD), Sarah Marsh (SWSLHD), Rhonda Mather (SWSLHD), Alison Tutt (SWSLHD)



Family and social ecology research stream

This research stream applies a family and social ecology framework, recognising that health, development and wellbeing are the product of complex interacting factors at the individual, family, community and environmental levels. We conduct multilevel research that requires participatory research processes where interventions and innovations are embedded within systems and built on a relationship between local research institutions and the professional and broader community. Through this approach we undertake practice and policy relevant research that provides high quality research reports and peer-reviewed publications, and direct support for practice and service development and capacity building.

Children and Young People

This program focusses on understanding the needs of vulnerable families (including families at risk of poorer child health and development outcomes, families living in lower socioeconomic communities and Aboriginal families) and developing and trialling interventions to improve child and young people's health, development and educational outcomes, including individual, family and service system interventions. This research program is grounded in the evidence about the importance of the early years, and targets families with children from antenatal (pregnancy) to the second decade of life.

The Gudaga study is a longitudinal birth cohort study of the health, development and service use of Aboriginal children in Campbelltown, conducted in partnership with the local Tharawal Aboriginal community. We are now working with education researchers to study the Gudaga children's transitions into the early years of school. We are also auditing local child and family services to better understand the relationships between child outcomes and local service context. This audit will also examine culturally appropriate practice and models of service delivery. The Bulundidi Gudaga project is trialling an Indigenous early childhood sustained nurse home visiting program based on the MESCH (Maternal Early Childhood Sustained Home-Visiting) model, which has previously shown to improve outcomes for vulnerable families.

There is rapidly growing international interest in the MESCH program which is now being rolled out and trialled across Australia, the UK and South Korea. We have also formed a research collaboration with Good Beginnings Australia, the Benevolent Society and Karitane to trial a volunteer home visiting program in four Australian states, and are working in a number of forums to develop more integrated, whole-of community models of service delivery.

Projects

An ecological study of school transition and the early years of school for Aboriginal children in an urban location (ARC)

Research Team: **Lynn Kemp**, Rebekah Grace, Cheryl Jane Anderson, Elizabeth Comino, Sue Dockett (Charles Sturt University), Melissa Haswell-Elkins (Muru Marri Indigenous Health Unit, UNSW), Lisa Jackson Pulver (Muru Marri Indigenous Health Unit, UNSW), Cathy Kaplun, Jenny Knight, Fakhra Mann, Bob Perry (Charles Sturt University), Sheryl Scharkie, Natasha West, Anna Williams

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

Research Team: **Lynn Kemp**, Rebekah Grace, Cheryl Jane Anderson, Trish Clark (SWSLHD), Elizabeth Comino, Elizabeth Harris, Mark Harris, Lisa Jackson Pulver (Muru Marri Indigenous Health Unit, UNSW), Jennifer Knight, John Lynch (University of SA), Jenny McDonald (SWSLHD), Cathy McMahon (Macquarie University), Sheryl Scharkie, Vicki Wade (SWSLHD), Natasha West, Darryl Wright (Tharawal Aboriginal Corporation)



Evaluation of the Healthy Learner Project in a disadvantaged high school (Mounties)

Research team: **Siaw-Teng Liaw**, Sarah Dennis, Edward Noon (Ashcroft High School)

MECSH Program Licence and Service agreement (Essex and Plymouth, United Kingdom; Australian Research Alliance for Children and Youth, Victoria and Tasmania)

Research Team: Lynn Kemp

Sustained nurse home visiting: who benefits, why and how? (PhD study)

PhD candidate: Siggi Zapart; Supervisors: Lynn Kemp, Jenny Knight

The Gudaga Study: Describing the health, development, early education, family environment and service context of Aboriginal children aged five to nine years in an urban location (Gudaga III) (NHMRC, SWSLHD)

Research Team: **Elizabeth Comino**, Jennifer Knight, Cheryl Jane Anderson, Rebekah Grace, Lisa Jackson Pulver (Muru Marri Indigenous Health Unit, UNSW), Bin Jalaludin (SWSLHD), Catherine Kaplun, Lynn Kemp, Kelvin Kong, Fakhra Maan, Jenny McDonald (SWSLHD), Cathy McMahon (Macquarie University), Sheryl Scharke, Natasha West

Volunteer Family Connect: Effective care to improve the health of families with young children and their volunteer carers (Benevolent Society, Good Beginnings Australia, Karitane)

Research Team: **Rebekah Grace**, Saul Flaxman (Benevolent Society), Les Hems (Centre for Social Impact), Lynn Kemp, Yvonne McCann (Karitane), Heather Smith (Good Beginnings Australia), Jaimie Tredoux, Jayne-Meyer Tucker (Good Beginnings Australia), Graham Vimpani (University of Newcastle)

Communities and Populations

This program focusses on the health and wellbeing of whole communities and populations. This research program is grounded in the evidence about the positive and negatives impacts of the social determinants of health and their distribution within our society: 'These inequities in health, avoidable health inequalities, arise because of the circumstances in which people grow, live, work, and age, and the systems put in place to deal with illness. The conditions in which people live and die are, in turn, shaped by political, social, and economic forces. Research in this program is conducted with communities, populations and organisations, and addresses planning and policies.

In 2013 we continued to undertake research, training and capacity building in complex community intervention and to engage with local intersectoral partners including local government, NSW Land and Housing Corporation, Housing NSW, Department of Family and Community Services and SWSLHD. Community STaR, our flagship training and research centre funded by Liverpool City Council, undertook a series of community activities to explore social cohesion. We continue to undertake supervision and mentoring of undergraduate and postgraduate research and practice students in the areas of health promotion, medicine and social work.

Our health impact assessment (HIA) program continues to support the undertaking of HIA locally, nationally, and internationally, including work in South America and Africa.

Projects

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

Research Team: **Vanessa Rose**, Harrison Ng Chok, Joan Silk

Equity Focused Health Impact Assessment for SLHD Environmental Health Services Workers (SLHD)

Research team: **Elizabeth Harris**, Heike Schütze

Equity Focused Health Impact Assessment: Hospital in the Home (SLHD)

Research team: **Elizabeth Harris**

Equity-focused Health Impact Assessments on Medicare Locals' strategic plans (APHCRI)

Research team: **Elizabeth Harris**, Fran Baum (Flinders University), Sarah Dennis, John Furler (University of Melbourne), Fiona Haigh, Patrick Harris, Ben Harris-Roxas, Lynn Kemp, Angela Lawless (Flinders University), Marilyn Wise

Equity Focused Health Impact Assessment: Sydney LHD Strategic Plan 2012-2017 (SLHD)

Research Team: **Elizabeth Harris**, Sarah Simpson (World Health Organization), Marcia A Grand Ortega (SPHCM, UNSW)

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

Research Team: **Vanessa Rose**, Joan Silk, Elizabeth Harris, Harrison Ng Chok, and the Community 2168 Management Committee

From advocacy to action: Utilising Health Impact Assessment as a tool to realise the right to health (NHMRC PhD Scholarship)

PhD Student: **Fiona Haigh**; Supervisors: Lynn Kemp, Vanessa Rose

Influencing health and wellbeing considerations in EIA, and application in local government (Population Health, South Western Sydney & Sydney Local Health Districts)

Research team: **Patrick Harris**, Harrison Ng Chok

HIA Training and Support, Western Australian Dental Service (Western Australia Health)

Research team: **Patrick Harris**

HIA Training and Support, Ghana (SOS International)

Research team: **Patrick Harris**

Housing and Health Partnership (Population Health, South Western Sydney & Sydney Local Health Districts, NSW Health)

Research team: **Patrick Harris**, Anthony Hartley (NSW Department of Family and Community Services), Peter Sainsbury (SWSLHD), Mark Thornell (SWSLHD)

National appraisal of Continuous Quality Improvement initiatives in Aboriginal and Torres Strait Islander primary health care (Lowitja Institute)

Research team: **Marilyn Wise**, Sandra Angus, Elizabeth Harris, Sharon Parker

Points of health influence in the Housing NSW Master Planning process (Population Health, South Western Sydney & Sydney Local Health Districts,)

Research team: **Patrick Harris**, Fiona Haigh, Lynn Kemp, Mark Thornell (SWSLHD)

Working in locationally disadvantaged communities: learning by doing program

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

Primary health care informatics stream

The growing health care needs of the ageing population, scarcity of resources and increasing costs of health care delivery in the management of chronic disease have emphasised the need for up-to-date information, and knowledge management and exchange. The Primary Health Care Informatics agenda includes the good design of electronic health records (EHRs) and electronic decision support to achieve a patient-centred integrated PHC system that is accessible and equitable, which emphasises prevention and early detection, and has good clinical and corporate governance.

In this context, the UNSW electronic Practice Based Research Network (ePBRN), a collegial network of computerised general practices, Area/District Health Services and other health providers involved with integrated care in the Fairfield health neighbourhood was established. ePBRN members receive feedback and act on the quality of clinical information in an ongoing quality improvement program. Informatics methods, developed with collaborators in UK, Canada and USA, are used to manage extremely large data sets.

The recent recognition of UNSW Australia as a WHO Collaborating Centre (eHealth) reflects UNSW's significant research strength in informatics and eHealth research.

A number of eHealth and informatics driven translational research programs in UNSW Australia support and are supported by the PHCI stream activities. This research stream has strong links to the WHO Collaborating Centre for e-Health and the Centre for Health Informatics at UNSW. An agreement has also been signed between the CSIRO and UNSW to make the data from the CSIRO telemonitoring project available to Professor Liaw to use for projects to be undertaken by prospective ILP, Masters and/or PhD students.

Projects

An assessment of community readiness for mHealth in rural Bangladesh (AusAid)

PhD Student: **Fatema Khatun**; *Supervisors:* Siaw-Teng Liaw, Anita Heywood (SPHCM, UNSW), Pradeep Ray (APuHC)

Establishing the UNSW ePBRN (Faculty & MREII)

Research team: **Siaw-Teng Liaw**, Jane Taggart, Tom Chen, Elizabeth Comino, Sarah Dennis, Mark Harris, Bin Jalaludin (SWSLHD), Gawaine Powell Davies, Sanjyot Vagholkar, Nicholas Zwar

Healthy me to optimise the management of asthma (CRE in eHealth) (NHMRC)

Research team: **Annie Lau** (CHI), Amael Arguel (CHI), Sarah Dennis, Siaw-Teng Liaw

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

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

Mobile health in aged and disadvantaged communities (WHO Collaborating Centre (eHealth))

Research team: **Pradeep Ray** (APuHC), Raina MacIntyre (SPHCM, UNSW), Siaw-Teng Liaw

NPS MedicineInsight Pilot (NPS)

Research team: **Siaw-Teng Liaw**, Nighat Faruqi, Mark Harris, Oshana Hermiz, Heike Schütze

Ontology-based approaches to identify patients with type 2 diabetes mellitus from electronic health records: Development and Validation (Iran Government)

PhD Student: **Alireza Rahimi**; Supervisors: Siaw-Teng Liaw, Pradeep Ray (APuHC)

Safety of GP information systems (Centre for Health Informatics) (NHMRC)

Research team: **Farah Magrabi** (CHI), Michael Kidd (Flinders), Siaw-Teng Liaw

The accuracy of existing data extraction tools from GP EHRs (NPS)

Research team: **Siaw-Teng Liaw**, Andrew Knight, Joel Rhee, Michael Tam, Jane Taggart, Hairong Yu, Nicholas Zwar

The ePBRN as a PHCI infrastructure and platform for projects

Research team: **Siaw-Teng Liaw**, Jane Taggart, Enrico Coiera (CHI), Elizabeth Comino, Simon de Lusignan (University of Surrey), Geoff Delaney (SWSLHD Cancer Services), Sarah Dennis, Mark Harris, Andrew Hayen (SPHCM), Bin Jalaludin (SWSLHD), Gawaine Powell Davies, Pradeep Ray (APuHC), Hairong Yu, Sanjyot Vagholkar, Nicholas Zwar

Using the electronic Practice Based Research Network (ePBRN) to prevent re-admission for type-2 diabetes (HCF)

Research Team: **Sarah Dennis** (University of Sydney), Mark Harris, Bin Jalaludin (SWSLHD), **Siaw-Teng Liaw**, Alan McDougall (SWSLHD), Rene Pennock (SWSML), Gawaine Powell Davies, Jane Taggart, Hairong Yu, Nicholas Zwar



Researcher Profile

DR UPALI JAYASINGHE



At school and in the HSC I did very well in mathematics, and I got a scholarship through the Department of Education in Sri Lanka to pursue a degree in mathematics in Moscow. The medium of instruction was Russian and I did not know any Russian before I went to Moscow. We were taught Russian for a year: I picked it up very well as we had to use it 24/7 in our day-to-day life. During my six years in Moscow, I used to travel to other European countries by train in the summer holidays - it took two days to travel from Moscow to London by train. At the university I won the mathematical Olympiad. I completed a Masters Degree in Mathematics and after graduating went to Germany for few months and then returned to Colombo.

In Sri Lanka my first appointment was at a technical institute as a lecturer in mathematics. After a while I decided to change my field from mathematics to statistics as I love to understand the application of statistics to real-world situations. I did two graduate diplomas in statistics and applied statistics and was successful in getting a position as the statistician at the University Grants commission. Before emigrating to Australia in 1995, I was employed as the Head of Computer and Statistics Division at the State Mortgage and Investment Bank, Sri Lanka.

I was first employed at the UNSW Australia (UNSW) in May 2004. Prior to joining UNSW, I worked at the University of Western Sydney (UWS) for four years and at the NSW Breast Cancer Institute for three years. Although I am a full-time Senior Research Fellow (Applied Biostatistician) at UNSW, I work on secondment at the Westmead Breast Cancer Institute as the consultant statistician two days a week.

While working at the SELF (Self-concept Enhancement and Learning Facilitation) Research Centre at UWS I accepted an offer to do a PhD in Applied Quantitative Methods under the supervision of Professor Herb Marsh, a professor at UWS and Oxford University. I was awarded the PhD in 2003. In my PhD I examined the peer review process of the Australian Research Council (ARC) large grants. This had important implications on policy and led to major changes in the ARC peer review process. The multilevel cross-classified model has been accepted as the best-practice benchmark for research on peer review. I have been using my multilevel expertise at UNSW as primary care datasets and data from cluster randomized trials have multilevel structures.

At the CPHCE I have been providing biostatistical leadership and support for many projects relating to quality of care and health related quality of life, under the leadership of my mentor Professor Mark Harris. This includes longitudinal studies in diabetes, health literacy and prevention of chronic disease in relation to the SNAPW risk factors. These often throw up interesting associations: for example female patients reporting better physical health if they attend female rather than male GPs, and women smokers reporting clinically significantly poorer mental health than non-smokers. At the Breast Cancer Institute, I have conducted novel breast cancer research with Professor John Boyages including some research to improve current UICC stage of disease among others.

Research is my passion. If I can contribute my knowledge through research to improve the quality of life, even in a small way, I would consider it a service and an achievement.



Research capacity building

Research capacity building is an important part of the work of the Centre. It is an aspect of many of our projects, as we work with clinicians and policy makers in designing, conducting and interpreting our research.

Three of our activities have a very explicit focus on research capacity building.

The electronic Practice Based Research Network (ePBRN)

The ePBRN, coordinated from the General Practice Unit at Fairfield Hospital, connects general practices and other health services, such as Diabetes Clinics and Community Health Centres, in the Fairfield health neighbourhood.

The ePBRN builds capacity in two ways: as an infrastructure to enable researchers to conduct translational research, and a methodology to learn and teach about and conduct EHR-based clinical research. EHR-based research necessitates a sound understanding of multi-methods and realist approaches to the implementation and evaluation of complex interventions and the importance of good quality routinely collected data.

As the integrated research infrastructure develops with our vision of a network of local health neighbourhood ePBRNs, researchers from primary and secondary care will be empowered to conduct robust cohort studies, clinical trials, quality improvement audits and comparative effectiveness research cost-efficiently. The research scope is NSW-wide, national and international as illustrated by our growing national and international collaborations. This ePBRN work is one of the core activities, along with patient-centred informatics-enhanced care, that underpin the PHC Informatics Stream of the CPHCE.

The Primary and Community Health Research Unit (PCHRU)

PCHRU supports research within community health in south western Sydney Local Health District. It was originally funded by the Ingham Institute, and is now supported by the South Western Sydney Local Health District. PCHRU is a collaboration between SWSLHD Division of Community Health, University of NSW, University of Western Sydney and SWS Medicare Local. The three key activities of PCHRU for 2013 were the Research Mentoring Program, Research Culture and Capacity Review, and the establishment of the Community Health Research Advisory Group.

Since 2011 PCHRU has provided advice, guidance and support to over 20 practitioner-led projects within the SWSLHD Division of Community Health through the *Research Mentoring Program*. Research output includes six articles in peer-reviewed journals, two peer-reviewed conference papers for international conferences, four conference abstracts for national conferences, 14 conference abstracts for conferences within SWSLHD, one invited presentation and two newsletter articles on practitioner research. Six projects in this program are currently drafting manuscripts for submission to peer-reviewed journals.

The Research Culture and Capacity Review is a mixed-methods study investigating the facilitators, motivators and barriers to undertaking research in Community Health. The RCCR survey, involved 109 community health staff. A qualitative study is currently underway to explore the survey findings and develop recommendations for research capacity development work in the Division. A PCHRU Community Health Research strategy and Implementation Plan is also underway.

The Community Health Research Advisory Group oversees PCHRU's work with the Division of Community Health. Representatives include members of the Community Health Executive and staff of Community Health.

Centre for Obesity Management and Prevention Research
Excellence in Primary Health Care (COMPaRE-PHC)

Like other APHCRI funded Centres of Research Excellence, COMPaRE-PHC has a role in building capacity in its particular area of research. In 2013 COMPaRE-PHC funded three postdoctoral fellows and three PhD scholarships (one of each at Deakin University, UTS and CPHCE, UNSW). There were a range of activities aimed to contribute to capacity development in the field, including a series of forums, seminars and policy roundtable discussions (a number of which included an international expert on obesity prevention, Dr William Dietz, who was co-sponsored by COMPaRE-PHC and PHCRIS). COMPaRE-PHC also established a website and e-newsletter to disseminate information to researchers, policy makers, clinicians and others interested in the prevention and management of obesity by PHC.

Mentoring and supervision

We also build research capacity through mentoring and supervision. This includes the work of the General Practice Unit at Fairfield in providing research mentoring and supervision for registrars involve in the GP training program, working closely with GP Synergy, the Regional Training Provider; supervision for higher degree candidates; and providing research experience for Independent Learning Project students from the Faculty of Medicine.





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Primary Health Care and Equity

FELLOWSHIPS, SCHOLARSHIPS AND AWARDS

In 2013, two staff had research fellowships and five had PhD scholarships. The Centre also awarded top up scholarships to those on PhD scholarships of less than \$25,000 per annum. Other higher degree candidates are listed later in the report.

Fellowships

Harris, Mark NHMRC Senior Principal Research Fellowship. 2011-2015

Lloyd, Jane NHMRC Training Fellowship. Addressing variations in the implementation of guidelines for preventive activities in general practice. 2011-2014

Scholarships

***El Haddad, Nouhad.** COMPARE-PHC Postgraduate Research Scholarship. 2013-2015

***Haigh, Fiona.** NHMRC Postgraduate Research Scholarship. 2013-2015

***Schütze, Heike** NHMRC Postgraduate Research Scholarship. 2011-2014

Williams, Anna NHMRC Dora Lush Priority Postgraduate Scholarship. 2010-2013

Zapart, Siggi NHMRC Postgraduate Research Scholarship. 2011-2013

*Also received CPHCE top up for lower paying PhD scholarships

Awards

Harris, Elizabeth. Award for Distinguished Research, UNSW.

Harris, Mark. Peter Baume Public Health Impact Prize, UNSW

Schütze, Heike. UNSW Post Graduate Support Scheme.

Zwar, Nicholas; Hermiz, Oshana; Comino, Elizabeth; Middleton, Sandy; Vagholkar, Sanjyot; Xuan, Wei; Wilson, Stephen F and Marks, Guy B. MJA Prize for Excellence in General Practice Research – 2013



Peter Baume Public Health Impact Prize

Professor Mark Harris receiving Peter Baume Public Health Impact Prize at the SPHCM Symposium 2013



TEACHING

Our teaching within the Faculty of Medicine, elsewhere in UNSW and for other universities and organizations allows us to share current research with students and enables staff to develop and maintain their teaching experience. Below is a summary of teaching by Centre staff in 2013¹.

Undergraduate Medicine at UNSW

Subject	Lecturer(s)
Foundation Course	Mark Harris, Elizabeth Harris, Lynn Kemp, Vanessa Rose (lecturers)
Independent Learning Project – student placement	Mark Harris (supervisor)
Phase One Clinical Teaching	Siaw-Teng Liaw, Sanjyot Vagholkar (tutors)
Phase 2 Society and Health	Elizabeth Denney-Wilson (course tutorials), Sarah Dennis, Elizabeth Harris, Siaw-Teng Liaw, Mark Harris, Shane Pascoe, Vanessa Rose, Sanjyot Vagholkar (lecture, course tutorials), Anna Williams, Nicholas Zwar, Andrew Knight
Phase 3 Primary Care	Tim Shortus, Sanjyot Vagholkar, Siaw-Teng Liaw, Nicholas Zwar, Andrew Knight

¹ This does not include teaching by Profs. Nicholas Zwar or Siaw-Teng Liaw, which is part of their substantive roles as a member of the School of Public Health and Community Medicine

Postgraduate Medicine at UNSW

Master of Public Health Program

a) MPH Electives run through CPHCE

Subject	Lecturer(s)
Health Impact Assessment	Fiona Haigh (course co-ordinator); Patrick Harris, Katie Hirono, Marilyn Wise (lecturers)
Inequalities in Health	Vanessa Rose and Lyn Kemp (course co-ordinators); Elizabeth Comino, Fiona Haigh, Elizabeth Harris, Patrick Harris, Rebekah Grace (lecturers)
Prevention and management of chronic disease	Mark Harris, Nicholas Zwar, Rohan Jayasuriya (coordinators); Elizabeth Denney-Wilson, Sarah Dennis, Chandni Joshi, Siaw-Teng Liaw, Catherine Spooner (lecturers)
Principles and Practice of Primary Health Care Services in the Community	Gawaine Powell Davies, Julie McDonald (course co-ordinators); Mark Harris, Chandni Joshi, Nicholas Zwar (lecturers)

b) Contributions to other MPH Courses

Subject	Lecturer(s)
Community Development	Vanessa Rose
Environmental Health	Fiona Haigh
Health Policy	Jane Lloyd
Introduction to Public Health	Elizabeth Harris, Patrick Harris

Other Undergraduate and Graduate Teaching

Subject	Lecturer(s)
Health Promotion Practice Bachelor of Health Science, UWS	Vanessa Rose (lecturer)
Non Communicable Disease Prevention and Control Masters of International Studies/Masters of Public Health, USyd	Mark Harris (lecturer)
Public Health Achievements and Challenges Masters of Public Health, UTS	Yordanka Krastev (Tutor/marker)
Systematic reviews of population health interventions Masters of Epidemiology and Population Health, UTS	Sarah Dennis (Lecturer)

Other Teaching

Subject	Lecturer(s)
GPET Academic Registrar workshop Sydney	Sanjyot Vagholkar
HETI Rural Research Program Methods Short Course	Sarah Dennis
Supervision of GP Registrars in Practice for GP Synergy	Sanjyot Vagholkar, Siaw-Teng Liaw, Andrew Knight (supervisors)

Short Courses and Workshops

Course	Lecturer(s)
HIA Learning by Doing	Fiona Haigh, Patrick Harris, Lynn Kemp, Vanessa Rose
Master Class. Tackling the social determinants of health: new ways of thinking. 2-day short course	Elizabeth Harris, Marilyn Wise (coordinators and lectures); Sarah Simpson (lectures)
Strategic Health Assessment of Oil and Gas Industry in Ghana	Patrick Harris

PhD Research Students

The Centre provides many opportunities for research students. In 2013 a total of 19 PhD students were enrolled at the Centre (including a number of CPHCE staff members²). In addition, CPHCE staff co-supervised a number of students from other Universities.

Name	Thesis Title	Supervisor/ Co-supervisor	Expected Completion
Abby Anderson	Evaluation of health assistants in general practice	Judy Proudfoot, Mark Harris	2014
Barbara Booth	Quality improvement in general practice	Mark Harris, Nicholas Zwar	2014
Shona Dutton	Quantifying physical activity behaviour in a primary care setting - an instrument for measuring physical activity change in general practice	Sarah Dennis, Mark Harris	2014
* Nouhad (Nina) El Haddad	Ethnicity and health literacy for weight management in non-English speaking migrants attending primary health care	Mark Harris, Elizabeth Denney-Wilson, Nighat Faruqi, Catherine Spooner	2016
* Fiona Haigh	From advocacy to action: Utilising Health Impact Assessment as a tool to realise the right to health.	Lynn Kemp, Vanessa Rose	2016
* Patrick Harris	Health impact assessment and public policy	Lynn Kemp, Peter Sainsbury	Awarded 2013
Elizabeth Jasprizza	Men's access to community health services	John MacDonald, Vanessa Rose	2014
Fatema Khatun	An assessment of community readiness for mHealth in rural Bangladesh	Siaw-Teng Liaw, Anita Heywood, Pradeep Ray	2015
Patricia Knight	Road safety in rural young males	Mark Harris, Don Iverson	Submitted 2013
Suzanne McKenzie	Mental health and prevention of cardiovascular disease in general practice- impacts and interactions	Mark Harris, Gavin Andrews	2014
Janani Pinidiyapathirage	Gestational diabetes in Sri Lankan women	Rohan Jaya-suriya, Vanessa Rose	2014
Alireza Rahimi	Ontology-based approaches to identify patients with type 2 diabetes mellitus from electronic health records: development and validation	Siaw-Teng Liaw, Pradeep Ray	2014
Joel Rhee	A study of advance care planning in the primary care context	Nicholas Zwar, Lynn Kemp	2014
* Heike Schütze	An evaluation of the development, implementation, feasibility and impact of a tailored intervention to improve the quality of care for Aboriginal and Torres Strait Islander peoples attending urban general practice	Mark Harris, Elizabeth Harris, Lisa Jackson Pulver	2014
Sanjyot Vagholkar	Cardiovascular absolute risk assessment in general practice and impact on prescribing	Nicholas Zwar, Mark Harris	2014
* Anna Williams	Integrating chronic illness self-management plans with primary care management: a clarification model of patient-provider care congruence	Mark Harris, Patricia Bazeley	2014

² Marilyn Wise was also enrolled in a PhD through the University of Western Sydney.

Name	Thesis Title	Supervisor/ Co-supervisor	Expected Completion
Sue Woolfenden	Inequity in Developmental Vulnerability, its determinants and the role of access to prevention and early intervention services	Lynn Kemp, Valsa Eapen, Katrina Williams	2017
Siggi Zapart	Effective sustained nurse home visiting: who benefits, why and how?	Lynn Kemp, Jenny Knight	2014

* CPHCE Staff enrolled in post-graduate study

Undergraduate Students

CPHCE staff members also supervised a number of undergraduate research projects in 2013. These included two UNSW medical students undertaking Independent Learning Projects (ILPs).

Name	Research Topic	Supervisors
Ji Hyun (Gianna) Do	Facilitating improvement in preventive care in general practice	Mark Harris
Megan Pillay	Management of multi-morbidity in general practice	Mark Harris, Sarah Dennis



PhD Student Profile

MS FIONA HAIGH



My journey towards becoming a researcher and PhD student at CHETRE started in my home country New Zealand where I studied Law and Psychology. I was always curious about understanding how other people think and feel and the thought of standing up in court arguing for people's rights appealed to me. My parents tell me how already at primary school, I would come home and tell them about various injustices I thought teachers had been perpetrating on children - I always had sympathy for the underdogs (or who I perceived to be underdogs) and a strong sense of fairness.

After completing my professional studies and being admitted to the bar I left New Zealand – following a nice German boy I had met rock climbing. My studies took a new turn, and I ended up studying a Masters in Public Health at Bielefeld University. I thought I had finished with law until one day in the library I came across a new book that looked at the relationship between health and human rights. It resonated with me. I clearly remember sitting on the floor in the library reading and reading feeling excited, which to be honest didn't happen to me that often in my studies! I decided to focus my Masters thesis on health and human rights. At the same time I began working part time at the State Institute of Public Health North Rhine Westphalia in an EU funded project developing policy health impact assessment (HIA) methodology. HIA soon became the main focus of my research career. What I particularly liked about HIA is that it provided an opportunity for applied research that can make a direct difference to people's lives. I also liked the focus on equity, and the potential for communities to use HIA as a tool for to protect and enhance their wellbeing.

We then moved from Germany to northern England, where I went to the International Health Impact Assessment Consortium (IMPACT), which is based at the University of Liverpool and forms part of the WHO Collaborating Centre for Policy Research on the Social Determinants of Health. I undertook HIAs and did research and teaching, a welcome change after years of being a student. The nice German boy had come with me and during our time there we had a daughter – Aife. The long wet winters and a desire to be closer to my family combined with a great opportunity to join the HIA team at CHETRE (not to mention the appeal of rock climbing in the Blue Mountains) then led us to Australia at the beginning of 2011. At CHETRE I have been encouraged and supported to begin a PhD that has given me the opportunity to combine HIA with human rights. CHETRE feels like a good fit for me – there is a sense of shared values with people working here despite the content of our work being so varied. This also translates in to a work environment which values people as a whole not just what they contribute to the job.

I can't wait to see what happens next...





DISSEMINATION

2013 Annual Forum

Friday 2 August 2013, John Niland Scientia Building, UNSW Australia

The CPHCE Annual Forum is an important calendar event where we showcase our current research and recognise organisations and individuals with whom we have worked and have assisted us in our research. It is also a networking opportunity where our staff can meet and socialise with staff from our partner organisations. Over 140 staff, research partners and colleagues from interstate attended the 2013 Annual Forum.

Ian Webster Health for all Oration

Prof Eileen Baldry. *Meet Casey- the \$5.5 million 22 year old: Or how we have created complex needs and what to do about it.*

Presentations

A/Prof Lynn Kemp. *Use of data to measure program fidelity.*

Prof Siaw-Teng Liaw. *Integrating primary and secondary care record systems to assess quality of care and health outcomes for patients with diabetes & multi-morbidity.*

Prof Mark Harris. *Quality of preventive care in primary care – using practice data, linked administrative data and patient surveys across the 5As.*

Dr Elizabeth Harris. *Using EFFHIA to assess afterhours plans of Medicare Locals.*

Panel Discussion

Christine Walker (Chronic Illness Alliance), Liz Marles (President, RACGP), Greg Stewart (SESLHD), Enrico Coiera (Centre for Health Informatics).

Awards and Prizes



Individual Partnership Award

Lou-Anne Blunden for Dr Teresa Anderson
Sydney Local Health District



Organisational Partnership Award

The Royal Australian College of General
Practitioners



Medicare Local Partnership Award

Eastern Sydney Medicare Local

Health Impact Assessment Award

Debbie Masters, Hannah Barrington and
Cassandra De Conceicao
Sydney Local Health District



Partners and Affiliates

We collaborate with many different individuals and organisations. Some of our main partners in 2013 are listed below.

Partnership with Local Health Districts and Medicare Locals

We have had very strong partnerships with our neighbouring health services. This reflects our history – our origins were in South Western Sydney Area Health Service – and the long term support that the Local Health District continues to provide. We conduct a significant part of our research with the Local Health Districts and Medicare Locals in central, south eastern and eastern Sydney. They keep us in touch with the realities of providing health services and we work together to develop and test new approaches. We receive generous support from the Local Health Districts, and are working to formalise research partnerships with each. We have also worked closely with the Medicare Locals, and look forward to similar collaboration with the Primary Health Networks when these are established.

UNSW

- Asia Pacific Ubiquitous Health Care Research Centre
- Faculty of the Built Environment
- Faculty of Medicine Lifestyle Clinic
- Institute for Health Innovation: Centre for Clinical Governance and Centre for Health Informatics
- School of Business
- School of Public Health and Community Medicine
- Social Policy Research Centre

Health Departments

- Australian Government Department of Health and Ageing
- NSW Ministry of Health
- NSW Kids and Families
- Tasmanian Department of Health and Human Services
- WA Health

Health Services

- Hunter New England Local Health District
- La Perouse Aboriginal Community Controlled Health Service
- Inala Aboriginal Health Service
- South Eastern Sydney Local Health District
- South Western Sydney Local Health District
- Sydney Local Health District
- Tharawal Aboriginal Corporation

Other Government Departments

- NSW Department of Family and Community Services
- NSW Department of Education and Communities
- Victorian Department of Education and Early Childhood Development

Local Government

- Liverpool City Council
- Wollondilly Shire Council

Australian Universities and Research Institutes

- Australian Primary Health Care Research Institute, Australian National University
- Australian National University
- Broken Hill University Department of Rural Health, University of Sydney
- Charles Sturt University
- Curtin University
- Flinders University
- The George Institute
- Ingham Institute for Applied Medical Research
- James Cook University
- LaTrobe University
- Lowitja Institute
- Macquarie University
- Monash University
- National Centre for Epidemiology and Population Health, Australian National University
- Northern Rivers University Department of Rural Health, University of Sydney
- Royal Children's Hospital Centre for Community Child Health (CCCH), Murdoch Children's Research Institute, University of Melbourne
- Southgate Institute for Health, Society and Equity, Flinders University
- University of Adelaide
- University of Melbourne
- University of Newcastle
- University of Queensland
- University of Technology Sydney
- University of Western Sydney
- Woolcock Institute of Medical Research

Medicare Locals and Associated Organisations

National

- Australian Medicare Local Association

NSW

- Eastern Sydney Medicare Local
- Far West Medicare Local
- GP New South Wales
- Inner West Sydney Medicare Local
- Hunter Medicare Local
- Nepean Blue Mountains Medicare Local
- South Eastern Sydney Medicare Local
- South Western Sydney Medicare Local

South Australia

- Central Adelaide and Hills Medicare Local (CAHML)

Victoria

- The Northern Melbourne Medicare Local (NMML)



Non-Government Organisations

- Arthritis NSW
- Ashcroft High School
- Australian National Preventive Health Agency
- Australian Practice Managers' Association
- Australian Practice Nurse Association
- Australian Research Alliance for Children and Youth
- Benevolent Society
- BeyondBlue
- Cabramatta Community Centre
- Chinese Australian Services Society
- Chronic Illness Alliance
- Community 2168
- Ernst and Young
- Fairfield Migrant Resource Centre
- Gandangara Aboriginal Health Service
- Good Beginnings Australia
- GP Synergy
- Hepatitis NSW
- Karen Edwards
- Karitane
- Kurranulla Aboriginal Community
- La Perouse/ Botany Bay Aboriginal Corporation
- Liverpool Migrant Resource Centre
- MBF Foundation
- Maules Creek Community Council
- Miller Art and Fact
- National Heart Foundation of Australia
- National Prescribing Service
- NSW Ministry of Health Centre for Epidemiology & Evidence
- NSW Service for the Treatment and Rehabilitation of Torture and Trauma Survivors (STaRTTS)
- NSW Users and AIDS Association
- Nutrition Australia
- National Aboriginal Community Controlled Health Organisation
- Royal Australian College of General Practitioners
- South West Youth Peer Education
- Urban Institute for Indigenous Health
- Warwick Farm Neighbourhood Centre
- Weight Watchers

International

- Alberta Health Services
- Birkbeck College, London
- CDC Chronic Disease Prevention
- Centres for Disease Control, Atlanta
- China-Australia health and HIV/AIDS facility (CAHHF)
- Department of Family Medicine, University of Ottawa
- Edinburgh University
- Gesundheit Österreich GmbH
- Institut National de Santé Publique du Québec
- International SOS
- International Union for Health Promotion and Education
- Kings College London
- Kurume University
- Maastricht University
- Manchester University
- National Primary Care Research and Development Centre, University of Manchester, UK
- Robert Wood Johnson Medical School, New Jersey
- Seoul National University
- The Nuffield Trust
- University of British Columbia
- University of California (San Francisco)
- University of Central Lancashire
- University of Colorado
- University of Otago
- University of Ottawa
- University of Surrey
- University of Sussex
- University of Washington
- Victoria University (Wellington, New Zealand)



Visiting Academics



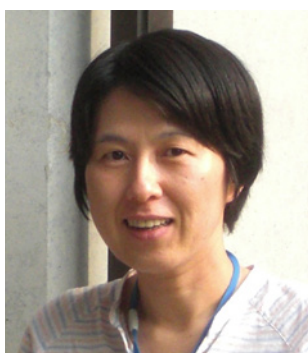
Prof William Dietz

Former director, Division of Nutrition
and Physical Activity, CDC



Dr Nick Goodwin

The Kings Fund,
UK



Dr Michiko Hoshiko

Kurume University,
Fukuoka, Japan



Prof Anne Kennedy

Southampton University,
UK



Prof Ann Rogers

Southampton University,
UK



Prof Chris van Weel

Radboud University,
Netherlands



Prof David Weller

University of Edinburgh,
UK

Staff Membership of External Committees

Committee	Name
ACI Chronic Care Network Inaugural Executive Committee	Julie McDonald
American Medical Informatics Association (AMIA) International Affairs Committee	Siaw-Teng Liaw
American Medical Informatics Association (AMIA) Ethics Committee	Siaw-Teng Liaw
Asia Pacific HIA Network	Patrick Harris, Fiona Haigh
Australia Primary Health Care Research Institute Knowledge Exchange Committee	Nicholas Zwar
Australian Family Physician Editorial Board	Nicholas Zwar
Australasian College of Health Informatics Council	Siaw-Teng Liaw
Baker IDI NHMRC Diabetes Secondary Prevention Guideline Advisory Group	Mark Harris
BMC Public Health Editorial Board	Patrick Harris
Certified Health Informatician Australasia Board	Siaw-Teng Liaw
Coalition of Research into Aboriginal Health	Elizabeth Harris
Department of Veterans Affairs: Coordinated Veterans Care Advisory Committee	Mark Harris
eHealth Informatics Journal Editorial Board	Siaw-Teng Liaw
Good Beginnings Australia Program Advisory Committee	Lynn Kemp
GP Synergy Board Director	Siaw-Teng Liaw
Heart Foundation Prevention in Practice Advisory Group	Rachel Laws, Gawaine Powell Davies
HeartSmart Committee Warwick Farm	Joan Silk
Health Informatics Society of Australia (Board Director)	Siaw-Teng Liaw
Health Informatics Conference (HIC) Scientific Committee	Siaw-Teng Liaw
Ingham Health Research Institute Scientific Advisory Committee	Lynn Kemp, Siaw-Teng Liaw
Ingham Institute Early Years Research Group	Rebekah Grace
Inner Western Sydney Medicare Local Board	Mark Harris
Informatics in Primary Care, Section Editor	Siaw-Teng Liaw
International Medical Informatics Association Academy Taskforce	Siaw-Teng Liaw
International Association for Impact Assessment Publications Committee and Health Section	Patrick Harris
International Journal of Family Medicine Editorial Board	Siaw-Teng Liaw
International Journal of Medical Informatics Editorial Board	Siaw-Teng Liaw
International Union for Health Promotion and Education (IUHPE). Global Working Group on Health Impact Assessment	Elizabeth Harris

Committee	Name
Liverpool Community Drug Action Team	Joan Silk
Medical Journal of Australia Content Review Committee	Mark Harris
National Diabetes Data Working Group	Mark Harris
National Heart Foundation Clinical Issues Committee	Mark Harris, Siaw-Teng Liaw
NHMRC Prevention and Community Health Committee	Mark Harris
NHMRC Mental Health and Parenting Working Committee	Mark Harris
National Prescribing Service Diagnostics Advisory Committee	Mark Harris
NSW Health Aboriginal and Population Health Priority Task Force	Nicholas Zwar
NSW Health Acute Care Taskforce	Siaw-Teng Liaw
NSW Health General Practice Council	Nicholas Zwar
NSW Health Keep Them Safe Evaluation Committee	Lynn Kemp
NSW Health Sustained Health Home-visiting Advisory Group	Lynn Kemp
Primary Health Care Research, Evaluation and Development (PHCRED) Strategy Advisory Committee	Mark Harris
Primary Health Care Research Information Service Strategic Advisory Group	Gawaine Powell Davies
Public Health Association Public Health Research Advisory Group	Vanessa Rose
RACGP National Research Ethics Committee (Chair)	Siaw-Teng Liaw
RACGP National Standing Committee Research	Siaw-Teng Liaw, Nicholas Zwar
RACGP Quality Committee	Mark Harris
RACGP Red Book Task Force	Mark Harris
RACGP SNAPW guide working group (Chair)	Mark Harris
SE Sydney Medicare Local Board	Nicholas Zwar
SESLHD Innovation in Integrated Care Steering Committee	Gawaine Powell Davies
SESLHD Medicare Locals and Health Collaborative Committee	Gawaine Powell Davies
Social Determinants of Health Alliance	Lynn Kemp, Vanessa Rose
STAR Association Research Advisory Board	Rebekah Grace
SWSLHD Aboriginal Child and Family Health Steering Committee	Rebekah Grace, Nick Rosser

Committee	Name
SWSLHD Area Cancer Services Advisory Committee	Sanjyot Vagholkar
SWSLHD Population Health Division Executive	Lynn Kemp, Vanessa Rose
SWSLHD Population Health, Social Determinants of Health Committee	Vanessa Rose
SWSLHD Research & Teaching Committee	Siaw-Teng Liaw
SWSLHD Stroke Advisory Committee	Sanjyot Vagholkar
SWSLHD-SWSML Integrated Health Committee member	Siaw-Teng Liaw
SWSML Information Technology Committee	Siaw-Teng Liaw
SWSML Universities Committee	Siaw-Teng Liaw
WaranWarin Steering Committee	Elizabeth Comino, Rebekah Grace, Nick Rosser
Westmead Breast Cancer Institute Research Advisory Committee	Upali Jayasinghe
WHO Western Pacific Regional Office Thematic Working Group on Health Impact Assessment	Patrick Harris





PUBLICATIONS

Book Chapters

Harris E, Harris-Roxas BF, Harris PJ., & Kemp, LA. (2013). 'Learning by doing: Building workforce capacity to undertake HIA - An Australian case study'. In: M. O'Mullane (Ed.): *Integrating Health Impact Assessment into the Policy Process: Lessons and Experiences from around the World*. pp. 99-108. Oxford: Oxford University Press. doi:[10.1093/med/9780199639960.001.0001](https://doi.org/10.1093/med/9780199639960.001.0001)

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Conference Presentations (oral presentations and posters)

Ansari, S., Hosseinzadeh, H., Dennis, S.M., & Zwar, N.A. (2013). Diagnosis of COPD in the face of Multimorbidity: Patients' Perspectives. *18th Congress of the Asian Pacific Society of Respiriology*, Pacifico Yokohama, Japan, 11-14 November 2013. doi:[10.1111/resp.12183](https://doi.org/10.1111/resp.12183) 40

Arora, A. (2013). Predictors of early introduction of solid foods in Australian infants. *International Association of Dental Research General Session and Exhibition*, Seattle, USA, 20-23 March 2013.

Arora, A. (2013). Tackling oral health literacy in Arabic immigrants: A qualitative approach. *International Association of Dental Research General Session and Exhibition*, Seattle, USA, 20-23 March 2013.

Arora, A., Floyd, S., Gibson, E., Wong, D., Heilman, J.R., & Levy, S.M. (2013). Fluoride content of infant foods and drinks in Australia. *World Congress of Preventive Dentistry*, Budapest: Hungary, 9-12 October 2013.

Bhole, S., Maharaj, R.K., Naidu, S., & Arora, A. (2013). Tailoring of Paediatric dental leaflets – Views of Indian immigrant mothers in South Western Sydney. *FDI Annual World Dental Congress*, Istanbul, Turkey, 21-31 August 2013.

Comino, E., Elcombe, E., Grace, R., & Knight, J. (2013). Life course approaches to improving Aboriginal child health in an urban community. *Australian Epidemiological Association Annual Scientific Meeting*, Brisbane, 20-22 October 2013.

Comino, E., Friesen, E., & Duggan, J. (2013). Strategies to support novice practitioner researchers in Primary and Community Health Services. *2013 Primary Health Care Research Conference*, Sydney, 10-12 July 2013.

Comino, E., Grace, R., Jackson Pulver, L., Wright, D., & the Gudaga Research Team. (2013). The Gudaga Research Program: Time, trust and tenacity. *Advances in Public Health & Health Services Research, 5th Annual Research Symposium*, Sydney, Australia, 11 October 2013.

Faruqi, N., Joshi, C., Dennis, S., Lloyd, J., Taggart, J., Spooner, C., *et al.* (2013). What health literacy interventions are effective in the primary healthcare settings in weight loss management – a systematic review. *Australian and New Zealand Obesity Society Annual Scientific Meeting*, Melbourne, 16-18 October 2013.

Grace, R.L., Knight, J., McMahon, C., & Comino, E. (2013). The Gudaga study: Contexts and underpinnings. *Australasian Human Development Association 18th Biennial Conference*, Surfers Paradise, Australia, 1-4 July 2013.

Grace, R.L., McMahon, C., Knight, J., Kemp, L., & Comino, E. (2013). Key learnings from the Gudaga early childhood development research and research plans moving into the middle childhood years. *Australasian Human Development Association 18th Biennial Conference*, Surfers Paradise, Australia, 1-4 July 2013.

Grace, R., & Comino, E. (2013). The early childhood development of urban aboriginal children over time. *Australian Human Development Association 18th Biennial Conference*, Surfers Paradise, Australia, 1-4 July 2013.

Haigh, F.A. (2013). From advocacy to action Utilising HIA as a tool to realise the right to health. *13th International Conference on Impact Assessment Health*, Geneva, Switzerland, 2-4 October 2013.

Harris, M., Litt, J., Russell, G., Mazza, D., Van Driel, M., Zwar, N., Krastev, Y., Parker, S., Smith, J., Del Mar, C. (2013). Facilitating Implementation of guidelines for the prevention of vascular disease in general practice. *2013 Primary Health Care Research Conference*, Sydney, Australia, 12-12 July 2013.

Harris, M., Litt, J., Russell, J., Mazza, D., van Driel, M., Zwar, N., Krastev, Y., Parker, S., Smith, J., Del Mar, C. (2013) *Facilitating Implementation of guidelines for the prevention of vascular disease in general practice – Guidelines*. *International Network Conference*, San Francisco, 18-21 August 2013.

Harris, M., Joshi, C., Lloyd, J., Parker, S., Del Mar, C., van Driel, M., Litt, J., Mazza, D., Grant, R., Wilson, J., Smith, J. Health literacy and prevention in Australian General Practice. *41st North American Primary Research Group Annual Meeting*, Ottawa, Canada, 9-13 Nov 2013.

- Joshi, C., Harris, M., Lloyd, J., Jayasinghe, U., Parker, S., Faruqi, N. (2013). The relationship between adequate health literacy and access to preventive care. *2013 Primary Health Care Research Conference*, Sydney, Australia, 10-12 July 2013.
- Kemp, L. (2013). What are the implications of "MESCH" for the Public Health Nursing contribution to maternal and child health outcomes? *3rd International Public Health Nursing Conference*, National University of Ireland, Galway, Ireland, 25-27 October 2013
- Knight, J., Grace, R.L., & McMahon, C. (2013). Performance on measures of behavior in the Gudaga study. *Australian Human Development Association 18th Biennial Conference*, Surfers Paradise, Australia, 1-4 July 2013.
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- McDonald, J., & Powell Davies, P.G. (2013). The NSW Chronic Disease Management Program – 'connecting care in the community'. An evaluation of a new collaborative model of care. *8th Health Services and Policy Research Conference*, Wellington, New Zealand, 2-4 December 2013.
- McMahon, C., Knight, J., Grace, R.L., & Comino, E. (2013). The development of urban Aboriginal children over three time points. *Australian Human Development Association 18th Biennial Conference*, Surfers Paradise, Australia, 1-4 July 2013.
- Pinchin, T., Trisna, N., & Arora, A. (2013). Content analysis of infant and toddler foods in Australia. *International Association of Dental Research ANZ Division Annual Meeting*, Bangkok, Thailand, 21 - 23 August 2013.
- Schütze, H., Jackson Pulver, L., Harris, M. (2013). Barriers to Indigenous identification: a general practice perspective. *2013 Primary Health Care Research Conference*, Sydney, Australia, 10-12 July 2013.
- Schutze, H., Jackson Pulver, L., & Harris, M. (2013). How can we improve the patient experience for Indigenous patients in primary care: an innovative approach. *21st World Conference on Health Promotion - Best Investments for Health*, Pattaya, Thailand, 25-29 August 2013.
- Schutze, H., Jackson Pulver, L., Harris, M. (2013). How well does general practice in Sydney identify the Indigenous status of patients? *Advances in Public Health & Health Services Research, 5th Annual Research Symposium*, Sydney, Australia, 11 October 2013.
- Short, K., Knight, J., Grace, R.L., & McMahon, C. (2013). Assessing language development in urban Aboriginal children. *Australian Human Development Association 18th Biennial Conference*, Surfers Paradise, Australia, 1-4 July 2013.
- Spooner, C., & Lavey, L. (2013). Establishment of Multi-Institution Centres of Research Excellence- tips for new players. *2013 Primary Health Care Research Conference*, Sydney, Australia, 10-12 July 2013.
- Spooner, C., Harris, M.F., & Denney-Wilson, E. (2013). Centre for Obesity Management & Prevention Research Excellence in Primary Health Care. *Australian and New Zealand Obesity Society Annual Scientific Meeting*, Melbourne, Australia, 17-19 October 2013.
- Tolani, M., & Arora, A. (2013). Critical appraisal of oral health literacy indices. *International Association of Dental Research ANZ Division Annual Meeting*, Bangkok, Thailand, 21 - 23 August 2013.
- Vagholkar, S., Zwar, N., Vaidya, R., Denney-Wilson, E., Harris, M.F. Family Physician Experiences of Using Cardiovascular Absolute Risk Assessment. *41st North American Primary Research Group Annual Meeting*, Ottawa, Canada, 9-13 Nov 2013.
- Vaughn, G., McLintock, C., Sherwood, J., Walsh, W., Tune, K., Mahoney, F., et al. (2013). Challenges of Surveillance: Rheumatic Heart Disease (RHD) in pregnancy. *61st Annual Scientific meeting of Cardiac Society of Australia and New Zealand Congress*, Gold Coast, Australia, 8-11 August 2013.
- Yu, H., Liaw, S.T., Taggart, J., & Rahimi, A. (2013). Using Ontologies to Identify Patients with Diabetes in Electronic Health Records. *International Semantic Web Conference*, Sydney, Australia, 23-25 October 2013.
- Zwar, N., Reddel, H., Dennis, S., Hassan, I., Hermiz, O., Bunker, J., et al. (2013). Accuracy of case-finding for COPD by practice nurses. *41st North American Primary Research Group Annual Meeting*, Ottawa, Canada, 9-13 November 2013.



Reports

Flatau, P., Conroy, E., Spooner, C., Edwards, R., Eardley, T., & Forbes, C. (2013). *Lifetime and intergenerational experiences of homelessness in Australia (AHURI Final Report No. 200)*. Melbourne: Australian Housing and Urban Research Institute.

Harris, E. (2013). *Equity Focused Health Impact Assessment of South West Sydney Medicare Local After Hours Care Plan*. Sydney: Centre for Primary Health Care and Equity, UNSW Australia.

Harris, E., Harris, P., and Furler, J. (2013). *Equity Focused Health Impact Assessment of NMML After-hours Care Planning to Extend After-hours Services*. Sydney: Centre for Primary Health Care and Equity, UNSW Australia.

Harris, E. (2013). *Equity Focused Health Impact Assessment: Sydney LHD Strategic Plan 2012-2017. Identification and assessment report*. Sydney: Centre for Primary Health Care and Equity, UNSW Australia.

Harris, E. (2013). *Equity Focused Health Impact Assessment: Hospital in the Home*. Sydney: Centre for Primary Health Care and Equity, UNSW Australia.

Harris, E., Lawless, A., and Baum, F. (2013). *Equity Focused Health Impact Assessment of CAHML Stage One After Hours Care Plan*. Sydney: Centre for Primary Health Care and Equity, UNSW Australia.

Schutze, H., & Harris, E. (2013). *Equity Focused Health Impact Assessment Environmental Services Workers*. CPHCE, UNSW Australia: Sydney.

Spangaro, J.M., Zwi, A.B., Adogu, C., Ranmuthugala, G., Powell Davies, P.G., & Steinacker, L. (2013). *Technical Report - Systematic review What is the evidence of the impact of initiatives to reduce risk and incidence of sexual violence in conflict and post-conflict zones and other humanitarian crises in lower and middle income countries?* University of London: EPPI-Centre Social Science Research Unit, Institute of Education.

Wise, M., Angus, S., Harris, E., Parker, S. *National appraisal of continuous quality improvement initiatives in Aboriginal and Torres Strait Islander primary health care: final report*. The Lowitja Institute, 2013: Melbourne.



FINANCIALS

Centre for Primary Health Care and Equity

Statement of Financial Performance				
for the Year Ended 31 December 2013				
	Notes	2013	2012	
		\$	\$	
Funds				
Research Revenue	v	2,746,873	\$3,546,596	
Licences/Royalty Fees			\$984	
Consulting/Commercial Activities	v	926,292	\$249,559	
Interest	i	0	\$38,825	
Funds from DVCR		109,623	\$61,146	
UNSW Operating Funds	ii/iii	505,718	\$623,762	
Other Income	iv	355,922	\$2,813	
Total Funds		4,644,428	\$4,523,685	
Costs				
People Costs		4,029,960	\$3,477,110	
Scholarship Stipends		110,771	\$107,051	
Contract & Consulting Services		395,984	\$234,898	
Consumables		30,940	\$23,490	
Travel		145,137	\$129,345	
Equipment		25,952	\$27,523	
Other Expenses		65,175	\$148,238	
Contract Research Ahead		171,777	\$113,673	
Total Costs		4,975,696	\$4,261,328	
Operating result		-331,268	\$262,357	
Adj to 2012 Operating Result	vi		39,647	
Opening Balance		2,643,847	\$2,341,843	
Closing Balance		2,312,579	\$2,643,847	

Notes to the Statement of Financial Performance

- i) Due to the change in payment schedule for NHMRC income, interest is no longer earned on NHMRC funds
- ii) The Centre also recognises in-kind contributions provided to it by UNSW that are not brought to account in the Statement of Financial Performance - this includes space occupied at Level 3 Building G27 - AGSM, Randwick
- iii) Contribution to salaries of 7 CPHCE staff, Fellowship Enhancement for Professor Mark Harris & Dr Jane Lloyd
- iv) 'Other Income' includes \$228,674 of UNSW support to meet Enterprise Bargaining gaps in NHMRC projects
- v) Income rec'd relevant to a prior year & outstanding invoices have been added and subtracted from the relevant categories of income
- vi) 2012 closing balance understated by \$39647
- vii) Unpaid invoices as at 31/12/2013 total \$258,122

CONTACT US

Main Campus

Executive Director: Professor Mark Harris

UNSW Australia

UNSW SYDNEY NSW 2052

Tel: +61 2 9385 8384 **Fax:** +61 2 9385 1513

Email: m.f.harris@unsw.edu.au

CEO: Associate Professor Gawaine Powell Davies

UNSW Australia

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: Associate Professor Lynn Kemp

Locked Mail Bag 7103,

Liverpool BC NSW 1871

Tel: +61 2 8738 9310 **Fax:** +61 2 8738 9350

Email: mary.knopp@sswahs.nsw.gov.au

General Practice Unit

Director: Professor Siaw-Teng Liaw

Fairfield Hospital

PO Box 5

Fairfield NSW 1860

Tel: +61 2 9616 8520 **Fax:** +61 2 9616 8400

Email: siaw@unsw.edu.au

Please direct any inquiries regarding the Annual Report to
Gawaine Powell Davies at g.powell-davies@unsw.edu.au.

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



