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.
ACKNOWLEDGMENT

It is a pleasure to be able to recognise those who support the Centre and work alongside 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 Ministry of 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 are grateful to the Sydney Local Health District for its support of Health Equity Research and Development Unit (HERDU) and the South Eastern Sydney Local Health District for its ongoing support and development of joint initiatives. We also thank the funding bodies who have supported our research: NHMRC, ARC, APHCRI, to name a few.

Those working alongside us also include many familiar names: the School of Public Health and Community Medicine, Muru Marri Indigenous Health Unit, the Australian Institute for Health Innovation and other UNSW researchers and research groups whose work intersects with ours; researchers from universities across Australia and in Canada, New Zealand, the USA 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 central Sydney, south western Sydney and south eastern Sydney. These partnerships keep us in touch with the real world of health services and enable 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. What is not reflected here but is equally important is the spirit of cooperation and mutual respect with which this is done.
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BACKGROUND

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 four locations: on campus at Randwick, at Liverpool (the Centre for Health Equity Training, Research and Evaluation, “CHETRE”), at Fairfield (the General Practice Unit) and at Camperdown (the Health Equity Research and Development Unit, “HERDU”)

Our mission is to contribute to better, fairer health and health care in the community by conducting research, evaluation and development that strengthens primary health care and addresses health inequities. In 2014 our research streams were:

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

We support the uptake of our research findings in policy and practice, and undertake research capacity building, particularly in South Western Sydney.

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.
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 23 April, 6 August and 9 December 2014.

**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 2014 the Centre followed the strategic directions set in the previous year, fine tuning as they went. The research hubs that bring the Centre together with neighbouring Local Health Districts were strengthened: in Sydney, the Health Equity Research and Development Unit became more firmly established within the Local Health District, and has been strengthening the focus on equity within the Local Health District as well as undertaking projects with community partners, particularly in Canterbury. In South Eastern Sydney we have been contributing to health service integration through the Integrated Care program, and laying the ground work for research and evaluation. In South Western Sydney a review confirmed the commitment of UNSW and the Local Health District to CHETRE and set directions for future support and development.

These research hubs, and other close relationships with Medicare Locals and other service providers reflect the Centre’s commitment to applied research that makes a difference. This will be strengthened in coming years following a review of the Centre’s education and capacity building activities, which confirms this as an important part of making research relevant and putting what is learnt into practice.

This is not at the expense of larger scale research and investigator-driven projects. The Centre is one of six research groups in a five-year Australian/Canadian Centre for Research Excellence aimed at improving access to primary health care for vulnerable communities; CPHCE also hosts a Centre for Research Excellence in preventing and managing obesity in primary health care and continues to work with local Aboriginal communities on its now eight-year study of Aboriginal child health and development; and in 2014 the Centre completed its involvement in large-scale evaluations of the NSW Health Chronic Disease Management Program and of Medicare Locals.

As always, the Centre is in the midst of change. Externally, Medicare Locals will be replaced by Primary Health Networks in 2015: the Centre has been working with local health services to plan for these changes. Internally, Gawaine Powell Davies has been planning his retirement as foundation CEO and senior primary health care researcher, and Elizabeth Comino is also gradually withdrawing from her important work in data linkage and Aboriginal health. While succession is never easy, these changes will provide opportunities for the renewal that all organisations need if they are to keep their edge.

I would like to thank all the staff of the Centre for their excellent work in 2014, and look forward to seeing what the coming year brings.

PROFESSOR TERRY CAMPBELL
Chair, Steering Committee
2014 Advisory Group

The Advisory Group provides strategic advice to the Centre on its research program. It met on 29 April, 15 July and 10 December 2014.

Chair

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

Members

Ms Tish Bruce  Deputy Director, Ambulatory and Primary Health Care, SE Sydney 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
Professor William (Bill) Bellew  School of Public Health, 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 Chris Shipway  Director Primary Care and Chronic Services, NSW Agency for Clinical Innovation
Dr Christine Walker  Chronic Illness Alliance, Victoria
Professor Nicholas Zwar  Professor of General Practice, School of Public Health and Community Medicine, UNSW Australia
Message from the Chair of the Advisory Committee

The Centre’s research and development focuses strongly on managing complexity, including the intersections between physical and mental health and between patient and clinician priorities in primary health care, and improving access for disadvantaged and vulnerable populations including Aboriginal and Torres Strait Islanders, refugee and low income people.

Chronic conditions can create many challenges for people, including managing their physical and mental health and living with pain and the restrictions that their conditions impose. Providing long term, comprehensive, person centred care for such people is an increasingly important part of the work of general practice and other primary health care services.

Primary health care is where the buck stops. Where specialist services are in short supply – for example in mental health or pain management – the task falls to primary health care. This is the reason why it is so important to have strong primary health care at the heart of the health system, with more specialised services providing support as well as taking on the care of complex cases. Recent National Mental Health Commission’s (NMHC) reports have strongly emphasised community-based services and prevention, and the 2014 report is expected to recommend greater involvement of front-line practitioners.

The Centre’s work on chronic conditions, prevention – such as in obesity, its involvement with disadvantaged communities and the ethos of equity have already informed primary health care policies and practice at national and local levels and, without doubt, will make increasing future contributions as greater emphasis is given to primary health care services. Its work on health system development has contributed to understanding of integrating primary health care services and developing the role of Medicare Locals and Primary Health Networks.

With these areas of research the Centre, necessarily, has engaged with many primary healthcare organisations, local district area health services, governments and international agencies. Its reputation has grown in result. It is now well embedded with research centres and partnerships in the South-Western Sydney Local Health District, Sydney Local Health District and the South Eastern Sydney Local Health District. With its strong relationships with primary health care, public sector services and non-government organisations, the Centre has a seminal role to play in integrating the policies and practices of the core elements of health services in our communities.

The Advisory Committee assists the Centre’s leadership as it reviews the achievements and helps frame the research agenda for the future.

We acknowledge and appreciate the leadership of Professors Terry Campbell and Mark Harris and Associate Professor Gawaine Powell-Davies.

A special word about our Associate Professor Gawaine Powell-Davies, our CEO. Sadly for many of us who have known Gawaine over many years we have learnt he is retiring in 2016. It is hard for any of us to imagine the Centre without his presence. His unassuming nature, warmth and support has loomed large in the careers of everyone associated with the Centre since it began. We hope he will stay in close contact while enjoying and fulfilling his plans for the next phase of his life.

I express admiration for the work of each research stream and wish all the researchers productive future careers in research.

We endorse the thanks of Professors Campbell and Harris for the support and encouragement of external funding bodies, University, Faculty of Medicine and the School of Public health and Community Medicine.

EMERITUS PROFESSOR IAN W WEBSTER AO
Chair, Advisory Committee
CPHCE Board of Directors

Executive Director
Professor Mark Harris

Chief Executive Officer
Associate Professor Gawaine Powell Davies

Directors

- Associate Professor Lynn Kemp
- Professor Siaw-Teng Liaw
- Professor Nicholas Zwar
- Associate Professor Elizabeth Harris
- Dr Julie McDonald
Message from the Executive Director

In 2014 we have continued to develop research units with Sydney and South East Sydney Local Health Districts and collaborative projects with the Medicare Locals in eastern, south eastern, inner west and south western Sydney. The Sydney Hub (Health Equity Research Development Unit – HERDU) is well established and has conducted many projects including a number of equity focused health impact assessments within the LHD and a project focused on access to health care in Canterbury with the Medicare Local Can Get Health.

We continue to lead COMPaRE- PHC, the Centre for Obesity Management and Prevention Research Excellence in Primary Health Care. We also have a major role in the Innovative Models Promoting Access-to-Care Transformation (IMPACT) – a Canadian Australian collaboration focused on improving access to primary health care by vulnerable and disadvantaged population groups. In this we lead one of the three sites in Australia as well as conducting systematic reviews on interventions to address access needs. We have also continued our work with the 45 and Up study exploring the link between hospital and community based care for patients with type 2 diabetes.

The Gudaga cohort of Aboriginal children which began at birth, is now well into primary school and the trial of home visiting with Aboriginal children (Bullindidi Gudaga) is underway with children now being followed up into their second year of life. A collaborative project with Tharawal has been established to translate the findings of the Gudaga projects into policy and practice.

We have continued to conduct a number of key Health Impact Assessments (HIA) including a HIA on the Trans Pacific Partnership Free Trade Agreement which achieved considerable media coverage in Australia and internationally.

The Miller Early Childhood Home Visiting Trial (MESCH) program continued to be disseminated within Australia and overseas. CPHCE’s research consistently informs government health policy at state and national levels. We have a broad range of partnerships with other researchers, policymakers, practitioners, local communities and consumers.

During 2014 we hosted visits by a number of international researchers including:

- Emeritus Professor Aline-Wendy Dunlop, School of Education, Faculty of Humanities and Social Sciences, University of Strathclyde, UK
- Prof Iain Broom, Director of the Centre for Obesity Research and Epidemiology (CORE) at Robert Gordon University, UK
- Barbara Docherty, Honorary Clinical Lecturer, School of Nursing, University of Auckland, NZ
- Jan-Willem Weenink, Radboud University Nijmegen, Netherlands.

Looking Forward

In 2014 and beyond CPHCE will continue to develop research on:

- health informatics in primary care in the support of better integrated care between secondary and primary care in the community
- improving access to appropriate primary health care for Aboriginal people and other vulnerable and disadvantaged population groups including refugees
- more effective strategies to address obesity and other risk factors for chronic disease in primary care
- addressing health literacy both at an individual and organizational level
- The role of primary care networks in commissioning and supporting better health care in the community.

CPHCE remains committed to developing local, national and international partnerships to support the delivery of applied research and policy relevant evaluation and to enable us to live up to our goal of a better and fairer health system.

PROFESSOR MARK HARRIS
Professor of General Practice and Executive Director,
Centre for Primary Health Care & Equity, UNSW Australia
STAFF

All staff who worked at the Centre during 2014 (including long term casual staff) are listed below. As at November 2014, there were 43 staff members (29.5 FTEs).

Professor

Professor Mark Harris MBBS, FRACGP, DRACOG, MD

Associate Professor

Associate Professor Pat Bazeley Cert Teaching, BA (Hons), PhD
Associate Professor Elizabeth Comino BVSc, BSc, MPH, PhD
Associate Professor Elizabeth Harris BA, DipEd, DipSoc Work, MPH, PhD
Associate Professor Lynn Kemp BHS, PhD, RN
Associate Professor Gawaine Powell Davies BA (Hons), MHP
Associate Professor Marilyn Wise BA, MHP

Senior Research Fellow

Dr Karen Gardner BA, MPH, PhD
Dr Rebekah Grace BA Psch (Hons) 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, MPH, PhD
Dr Hairong Yu BEng (Hons), MSc, PhD
Research Fellow

Dr Amit Arora  BDS, MDSc (Hons), PhD
Dr Nighat Faruqi  MBBS, MCCH, PhD
Ms Fiona Haigh  BSocSc, MPH, LLB, PhD Candidate
Dr Patrick Harris  – BA (Hons) MPH, PhD
Dr Jane Lloyd  BAppSc (Health Ed), MPH, PhD
Ms Jane Taggart  BEd, Dip PE, MPH

Senior Research Officer

Ms Tracey Bruce  BA, MHSM, RN
Ms Penelope Finlay  BA, Grad Dip Soc Ecol, MPASR
Ms Sharon Parker  BHSc (Nursing), MPH, RN
Ms Heike Schütze  AdvCert Biomed Tech, BSc (Biomedical), MPH, PhD Candidate

Research Associate/Research Officer/Project Officer

Ms Cheryl Anderson
Ms Fiona Byrne  BAppSc (Information Studies); Assoc Dip Lib Prac
Ms Ros Eames-Brown  B.ED (Nursing) PhD
Ms Emma Elcombe  Cert IV Bus, BAppSc (Equine Studies), MSc (Brain and Mind Sciences)
Mr Iqbal Hasan  MBBS, MTH
Mr Oshana Hermiz  MB, ChB, DS
Ms Katie Hirono  BA, MPH
Mr Md Fakhrul Islam  BSc, MSc, MIS, MBiostat MIE Aust
Ms Karla Jaques  BPH
Ms Chandni Joshi  MPH/MHM, MIPH
Ms Rachael Kearns  B Nursing, MPH, RN
Dr Catherine Kaplun  BEd (ECE) (Hons), PhD
Ms Vivien Le  MPH
Dr Melanie Moylan  BSc (Hons) PhD
Mr Nicholas (Nick) Rosser  A/Dip Health (Sport and Rec), Dip Health (Sports Coaching), BExSc&R, MSc
Ms Sheryl Scharkie  RN
Ms EY Song  Bsoc, MSoc
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 Veronica Morrison
Mr Tom Powell Davies  BA (Hons)
Mr Robert Smith
Mr Jan-Willem Weenink  BSc (BioMed), MSc

Finance Manager

Ms Sarah Ford  BBus

Administrative Officer

Ms Chih-Ching (Sunny) Chang  BA, Grad Dip (Interpreting & Translation), MCom
Ms Nouhad (Nina) El Haddad  BSc, MNutDiet, PhD Candidate
Ms Elizabeth Kemp
Ms Fakhra Maan  BEng Lit/BJourn, MEng Lit, MCom (Organisation and Management)
Ms Lauren Norton  Dip Bus Man
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 Michael Tam BSc(Med), MBBS, MMH(GP), FRACGP

Research Officer/Project Officer

Ms Emma Friesen BEng (MfgSys) (Hons), BBus (Mktg), MProfEdTrain (WorkVocEdTrain)
Ms Joan Silk BA (Hons), Dip Ed
Ms Siggi 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 Sarah Dennis University of Sydney
Dr Mahnaz Fanaian University of Wollongong
Associate Professor Terry Findlay Australian Primary Health Care Research Institute
Dr Rebekah Grace – Macquarie University
Dr Patrick Harris BA (Hons), MPH, PhD
Dr Benjamin Harris – Roxas Urban Consultants
Dr Yordanka Krastev University of Technology Sydney
Dr Rachael Laws Deakin University
Dr Melanie Moylan
Dr Timothy Shortus General Practitioner
Ms Sarah Simpson World Health Organisation
Dr Sanjyot Vagholkar MBBS (Hons), MPH, FRACGP, PhD Candidate
Dr Salim Vohra Centre for Health Impact Assessment Institute of Occupational Medicine, London
Dr Qing Wan St Vincent’s Hospital, Sydney
Ms Anna Williams – Notre Dame University
RESEARCH

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

Research projects active in 2014 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).
Improving chronic disease management

This program focuses on improving the quality of care for a range of chronic diseases 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 care in general practice: Translational Cancer Research Network (TCRN) UNSW
Research Team: Mark Harris, Heike Schütze, Lena Caruso (Translational Cancer Research Network), Melvin Chin, Robyn Ward (Prince of Wales Hospital), David Weller (Edinburgh University)

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)

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 Vaghjilkar

Quality Improvement in general practice
PhD Student: Barbara Booth; Supervisors: Mark Harris and Nicholas Zwar

PhD Student: Anna Williams; Supervisors: Patricia Bazeley and Mark Harris
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 has 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 Karron (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:

1. 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)

2. Health economic analysis of a model for implementation of guidelines
   Research Team: Mark Harris, Jodi Gray (University of Adelaide), Jonathon Karron (University of Adelaide), Sharon Parker, Catherine Spooner, Nigel Stocks (University of Adelaide)

3. 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, Charindri Joshi, Jane Lloyd, Nigel Stocks (University of Adelaide), Jane Taggart

4. Referral of obese patients in primary care
   Research Team: Mark Harris, Ian Caterson (University of Sydney), Elizabeth Denney-Wilson (UTS), Jonathon Karron (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
Implementing guidelines to routinely prevent chronic disease in general practice (PEP) (NHMRC partnership grant)
Research Team: Mark Harris, Sharon Parker, Raghib Ahmad, Chris del Mar (Bond University), John Litt (Flinders University), Jane Lloyd, Danielle Mazza (Monash University), Gawaine Powell Davies, Grant Russell (Monash University), Richard Taylor (SPHCM, UNSW), Mieke van Driel (University of Queensland), Nicholas Zwar

Evaluation of the Literacy Gap in Health among Target Population: the LiGHT Project.
Research team: Mark Harris, Nighat Faruqi, Chandni Joshi, Jane Lloyd

SEEF Equity study: access to preventive and primary health care (NHMRC)
Research Team: Mark Harris, Elizabeth Comino, Fakhrul Md. Islam

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, Fakhrul Md. Islam, Bin Jalaludin (SWSLHD)

Consumer Navigation of Electronic Cardiovascular Tools - The CONNECT study. NHMRC funding agreement with George Institute.
Research Team: David Peiris, Tim Usherwood, Mark Harris Harris, Sharon Parker
Primary health care is the setting for most of the Centre’s research. The projects in this stream focus on the health care system itself, from the perspectives of improving integration and access. Much of this work is applied, and involves working with the Local Health Districts and Medicare Locals in central, south eastern and south western Sydney. The development of research hubs with Sydney and South Eastern Sydney Local Health Districts has provided new opportunities for working with them on primary health care development.

During the year, the funding for the Primary and Community Health Research Unit within south western Sydney finished. We evaluated the program and suggested future directions for building research capacity within the health services.

Improving Integration of Services and Coordination of Care

In 2014, there was a shift in policy support for more integrated care as the Department of Health prepared to replace Medicare Locals with Primary Health Networks, and in NSW the Chronic Disease Management Program (CDMP) came to an end and was replaced by the Integrated Care program. Both of these shifts were influenced by our evaluations of Medicare Locals and the CDMP. During the year we worked through our research hubs to support integration, and commenced development of a guide to strengthening health care in the community.

Projects

A framework to support Local Health Districts in their decision about community based health services
Agency for Clinical Innovation (ACI via Sax Institute)

*Research Team:* Karen Gardner, Elizabeth Harris, Mark Harris, Julie McDonald, Gawaine Powell Davies, Tom Powell Davies,

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)

Developing an appropriate and evidence-based position on the ML role in traditional Community Health services (SWSML)

*Research Team:* Karen Filocamo, Julie McDonald, Gawaine Powell Davies, Tom Powell Davies

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, Ala 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 (UNSW School of Public Health and Community Health), Elizabeth McEntyre (UNSW School of Social Sciences), Jennifer Reath (UWS), Juanita Sherwood (University of Sydney), Dea Thiele (Aboriginal Medical Service Western Sydney)

Integrated Primary Health Care Centres: A multiple methods comparative case study (APHCRI)

*Research team*: Anne Bardoel (Monash), Sarah Dennis (Sydney University), Jeff Fuller (Flinders) Rachael Kearns, Riki Lane (Monash), Julie McDonald, Gawaine Powell Davies, Tom Powell Davies, Grant Russell (Monash), Catherine Spooner, Christine Walker (Chronic Illness Alliance), Bernadette Ward (Monash).

Investigation of models of public/private partnership in community health care (SLHD)

*Research team*: Gawaine Powell Davies, Louise Cowper

More integrated chronic disease management in Prince of Wales Hospital (SESLHD).

*Research team*: Karen Edwards (consultant), Julie McDonald, Gawaine Powell Davies

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

Primary Health Care Research Unit (SWSLHD)

*Research team*: Elizabeth Comino, Emma Friesen, Teng Liaw, Fakhra Maan, Gawaine Powell Davies

Qualitative study of two Superclinics (RACGP and Monash University)

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

Regional Health Services Integration (SESLHD)

Karen Edwards (consultant) Julie McDonald, Gawaine Powell Davies
Access to Primary Health Care

The IMPACT study continues as a major two-country study of ways of improving access to primary health care for people in disadvantaged communities. Activities included a participatory decision making process to identify priorities in South Western Sydney and systematic reviews of the literature on interventions to improve access to PHC for vulnerable population groups.

We continued to develop our work using data linkage in a feasibility study for a cohort of older people in Sydney and South Eastern Sydney, building on the 45 and Up and the SEEF project databases.

Projects

**Assessing the Feasibility of an Aged Care Cohort Study (SLHD)**
*Research team:* Elizabeth Comino, Elizabeth Harris, Md. Fakhrul Islam

**Hospital in the Home Equity Lens (SLHD)**
*Research Team:* Elizabeth Harris, Elizabeth Comino, Jude Page

**Innovative Models Promoting Access and Coverage Team (IMPACT) Centre for Research Excellence (APHCRI, CIHR).**
*Mark Harris*, Teng Liaw, Jean Frederic Levesque, Julie McDonald, Sharon Parker, Gawaine Powell Davies

**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)

**Universal Health Home Visiting Project (SLHD)**
*Research Team:* Elizabeth Harris, Tish Bruce (SESLHD, Miranda Shaw (SWSLHD)

**Use of Services by Homeless People in South Eastern Sydney Local Health District (SESLHD)**
*Research Team:* Julie McDonald, Gawaine Powell Davies
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), (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 with 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 focuses 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.

Key research in this program includes the Gudaga research program: a suite of studies that includes the NHMRC funded Gudaga cohort study of urban Aboriginal children's health and development, the ARC funded Gudaga goes to school study of the children's experience of the early years of schooling, and the NHMRC funded Bulundidi Gudaga quasi-experimental study of sustained nurse home visiting.

The other primary research program is focussed on home visiting interventions, and includes the international implementation of the Maternal Early Childhood Sustained Home-visiting (MECSH) program and the Volunteer Family Connect (VFC) trial of volunteer home visiting.

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-Ellins (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

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)
The Gudaga team
MECSH Program Licence and Service agreement (Essex, Somerset, Jersey and Plymouth, United Kingdom; Australian Research Alliance for Children and Youth, Victoria and Tasmania; Seoul, South Korea)
*Research Team:* Lynn Kemp, Tracey Bruce, Fiona Byrne, Siggi Zapart

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 Scharkie, 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 McCarrn (Karitane), Heather Smith (Good Beginnings Australia), Jaimie Tredoux, Jayne-Meyer Tucker (Good Beginnings Australia), Graham Vimpani (University of Newcastle)

**Communities and Populations**

This program focuses on the health and wellbeing of whole communities and populations. This research program is grounded in the evidence about the positive and negative impacts of the social determinants of health and their distribution within our society: these inequalities 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 2014 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. In 2014/15 we conducted a HIA on the proposed Trans-Pacific Partnership Agreement, which helped inform debate on this controversial topic. Our Learning by Doing Courses in HIA and in Working with Locational Disadvantage helped build capacity within LHDs and the community sector.

**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 – Healthy Together Victoria (Department of Health Victoria)
*Research team:* Elizabeth Harris, Katherine Hirono, Chandni Joshi, Heike Schütze, Marilyn Wise

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
Equity Focused Health Impact Assessment of Quit Victoria Review 2012-2015 (VicHealth)
Research team: Marilyn Wise, Katie Hirono, Elizabeth Harris

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

Healthy Built Environments (SWSLHD)
Research team: Peter Sainsbury (SWSLHD), Mark Thornell (SWSLHD), Meria Beer (SWSLHD), Fiona Haigh, Lynn Kemp, Bin Jalaludin (SWSLHD), Steven Conaty (SWSLHD), Mandy Williams (SWSLHD), Elizabeth Millen (SWSLHD)

Health Impact Assessment of the Trans Pacific Partnership Agreement
Research Team: Katie Hirono, Fiona Haigh, Deborah Gleeson (La Trobe University), Patrick Harris, Anne Marie Thow (Sydney University)

Health in Council (SWSLHD)
Research team: Mark Thornell (SWSLHD), Maria Beer (SWSLHD), Fiona Haigh, Katie Hirono, Tina Britton (Wollondilly Shire Council), Carolyn Whilton (Wollondilly Shire Council)

Housing and Health Partnership (Population Health, South Western Sydney Local Health District, NSW Health; Greater Western Sydney Area, Department of Family and Community Services; Housing NSW Land and Housing Corporation, Department of Finance and Services; CHETRE)
Research team: Patrick Harris, Fiona Haigh, Lynn Kemp Anthony Hartley (NSW Department of Family and Community Services), Debra Mitford (FACS), Cathryn Noble (FACS), Deborah Follers (Land and Housing Corp), Julie Churchward (FACS), Michael Van Der Lay (Housing NSW), Peter Sainsbury (SWSLHD), Mark Thornell (SWSLHD)

Learning by Doing Health impact Assessment Training (SWSLHD)
Research team: Fiona Haigh, Patrick Harris

Learning by Doing Health Impact Assessment Evaluation
Research team: Katie Hirono, Fiona Haigh, Marie Beer (SWSLHD)

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

Negotiating healthy trade in Australia: Health impact assessment of the proposed Trans-Pacific Partnership Agreement
Research Team: Katie Hirono, Fiona Haigh, Deb Gleeson (La Trobe University), Patrick Harris and Ann-Marie Thow (Sydney University)

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

World Health Organization Human Rights, health policy-making and programming: Case Study Report - Vermont's Human Rights-Based Approach to Universal Health Care Coverage (WHO)
Research Team: Gillian MacNaughton (University of Massachusetts Boston), Fiona Haigh, Mariah McGill (Northeastern University School of Law), Konstantinos Koutsoumpas (University of Massachusetts Boston), Courtenay Sprague (University of Massachusetts Boston)
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 (PHCI) stream agenda includes

- the good design of electronic health records (EHRs), and
- electronic decision support, as eHealth and mHealth applications, 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.

A number of eHealth and informatics driven translational research programs in UNSW Australia support and are supported by the PHCI stream activities.

The three key programs in the Primary Health Care Informatics stream are:

- The UNSW electronic Practice Based Research Network (ePBRN): This is a collegial network of computerised general practices, Area/District Health Services and other health providers involved with integration and coordinated care in the Fairfield Health Neighbourhood in SW Sydney. 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 the large data repository of EHR information.
- The WHO Collaborating Centre (eHealth): Professor Liaw is a co-Director of this research centre which is based in UNSW Medicine School of Public Health & Community Medicine. This is an international recognition of UNSW’s significant research strength in informatics and e/mHealth evaluation, research and development. The program has a focus on capacity building in the Asia Pacific and mHealth in aged and disadvantaged communities.
- The NHMRC Centre for Research Excellence in Health Informatics and eHealth: This was based at UNSW but is now located at Macquarie University with the move of Prof Coiera (CIA) to Macquarie; Professor Liaw is a Chief Investigator (CIC) in this CRE. The focus of the Primary Health Care Informatics research is patient-centred electronic decision support.

**Electronic decision support 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)

**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*

**Mobile health in aged and disadvantaged communities (WHO Collaborating Centre (eHealth))**  
*Research team: Pradeep Ray (APuHC), Raina MacIntyre (SPHCM, UNSW), Siaw-Teng Liaw*
ePBRN-related projects

**eHealth and integration in Integrated Primary Care Centres, including SuperClinics**

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

**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 Electronic Health Records (EHR) (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
In 2014 the Centre continued establishing a new structure: hubs for research and service development, as joint ventures with the South Western, South Eastern and Sydney Local Health Districts. This builds on experience with CHETRE, which has long been supported by the University and the Local Health District, and has provided a base for collaboration on research, capacity building put evidence into practice.

Each hub is supported by both the Centre and the Local Health District with a formal agreement, an advisory committee and funding from both groups. The hubs are seen as bridges between the Centre and the LHD, conducting research and evaluation that is of interest to both groups, supporting the uptake of research into practice and giving researchers direct engagement with health services. We hope that in future the Primary Health Networks can also become part of these research hubs.

The new hub in South Eastern Sydney is coordinated by Dr. Julie McDonald. It started formally in October 2014, building on several years’ of close collaboration, and is currently funded until the end of 2017. The initial focus has been on establishing relationships with key stakeholders, contributing to the development of an evaluation strategy for the Integrated Care Strategy and identifying opportunities for research and evaluation. This includes the feasibility of a longitudinal cohort of older people living in the area based on the 45 and up study, opportunities to compare different models of universal home screening in SES and Sydney Local Health Districts and the Children’s Hospital Network; and undertaking a pilot research project that could feed into a larger NHMRC or ARC grant proposal.

CHETRE

In South Western Sydney the Centre for Health Equity Training Research and Evaluation (CHETRE) was led by Assoc Prof Lynn Kemp. It has been running for twenty years, and in 2014 continued a very full program of research in Aboriginal child health, sustained home visiting, Health Impact Assessment and working with disadvantaged communities. During 2014, with the Local Health District we reviewed the fit between the work of CHETRE and the strategic directions of CPHCE and the Local Health District and the support needed to sustain it in the longer term. This confirmed commitment to CHETRE, and set directions for future development.

The substantial work program undertaken by CHETRE staff with key partners is described in detail under the Family and Social Ecology Research Stream.

HERDU

The hub with Sydney Local Health District, is called the Health Equity Research and Development Unit (HERDU). It is led by Assoc. Prof. Elizabeth Harris, and has three other staff (part and full time) employed by the university and the Local Health District. Within the Local Health District, it has reviewed LHD plans and patterns of service provision from an equity perspective, and is doing a feasibility study for a cohort of older Australians in the area, for research, service planning and evaluating. Externally it is working with the LHD and Medicare Local with services in Canterbury to improve access to primary health care and run targeted projects for a very varied and often disadvantaged population.

The strategic plan for the Unit includes:

a) Work within the local health system to:
   - identify and facilitate action to increase equity of access to optimal health care (including preventive care and early intervention) within the population of the SLHD, including attention to the distribution of services in relation to population and need;
   - build organisational and workforce capacity to recognise the need for and to take effective actions.
b) Work outside the health system with government, non-government, private sector and community organisations to:

- increase equitable access to the opportunities and environments necessary for health;
- increase the social and political power of marginalised communities and create effective pathways to enable their active and influential inclusion in social decision-making – in government, private sector, non-government or civil society organisations;
- develop and test processes/methods to actively engage communities in social decision-making (e.g. using deliberative democratic methods).

c) Undertake high quality applied research to:

- contribute to better understanding of the complex nature of the determinants of inequities in access to optimal health care and ways of addressing them;
- contribute to better understanding of the complex nature of the determinants of inequities in health and of actions to address these effectively;
- guide the development of effective policies and practices to reduce health inequity.

d) Develop innovation in high quality teaching and learning to:

- strengthen individual and organisational capacity for effective action across the health system, partner organisations and community.

e) Provide leadership nationally and internationally to:

- develop and evaluate practical tools and approaches that can be used by health (and other social service) professionals and organizations to increase health equity.

HERDU Achievements

Reducing health inequity in the most marginalised communities in the LHD through addressing barriers to health services and improving access relevant health information and services.

- Developed and made accessible relevant, comprehensible information and skills development eg. Mental Health First Aid courses for Chinese-born residents of SLHD, and ensuring translated materials on child safety and development reach Bangladeshi families.

Building the organisation’s capacity to meet the health needs of culturally diverse populations

- Supported Directorates to conduct research, develop frameworks and project plans to identify inequity and promote relevant and effective initiatives
- Conducted a Health Literacy seminar and workshop to review current research on health literacy needs of people from culturally and linguistically diverse backgrounds. Strategies are being developed to build organisational capacity for health literacy as part of the Supporting Patient and Family Centred Care plan
- Developing training and awareness of health inequity and how to address needs of various priority groups

Developing partnerships to improve communication and access to health

- Developing a transport, access and parking plan to improve patient, carer and visitor access and engagement with health services

Strengthening the knowledge base of the health and access needs of marginalised people in SLHD

- Conducting equity focused research eg. Patterns of referral to Hospital in the Home in SLHD and Healthy Ageing to better understand local issues and intervention points
I first began working at the University of New South Wales in 1997 as the GP-Hospitals Network Coordinator for the Integration Support Evaluation and Research Unit. It was my second job after completing a Bachelor of Applied Science in 1996, and working as a project officer at the ACT Division of General Practice.

My mother was a GP in Petersham and an active member of the AMA and the RACGP. She would not charge patients who could not afford to pay and always had a waiting room of patients who had brought a packed lunch, and something to read or do while they waited. I spent a fair bit of time in that waiting room and so in many ways grew up in primary health care setting, with the knowledge that not everything was fair and just. Working with Mark and Liz Harris over the years strengthened my resolve to conduct practical and meaningful research for people who have been marginalised or overlooked by the health system. My academic qualifications and work experience have given me the tools and a platform for this.

In 2003 I moved to Darwin and commenced a PhD at Menzies School of Health Research. My original plan was to conduct a randomised control trial of a diabetes intervention for Aboriginal Australians living in urban areas. However I soon realised that a single intervention would not suit the diverse range of Aboriginal communities, and that much of the benefit from an intervention stems from the process of engagement and community development. I was unsure whether designing another intervention was the best contribution that I could make.

At this point I came across the following passage in a book entitled: From the Bush to the Store: Diabetes, Everyday Life and the Critique of Health Services in Two Remote Northern Territory Communities:

‘Many of the Aboriginal people conducted during this project are, to put it bluntly fed up with the circulatory and inconsistency of health intervention strategies. They are also fed up with the continually recycled rhetoric of ‘culturally appropriate intervention’. Health bureaucracies are seen as continuously ‘reinventing the wheel’, so to speak, by engaging in an ongoing process instituting, abandoning and then reinstituting essentially similar interventions strategies within particular communities. These complaints relate to wider issues to do with the comparative lack of ‘institution memory’ within health bureaucracies and organisations in the Northern Territory, the high turnover of health personnel, and a culture of ‘short term’ project planning with the health field’. p 43.

This resonated strongly with me, so I focused my PhD on ways to improve the implementation of Aboriginal health policy. I found that Aboriginal health policies are not implemented seamlessly across the health care system. Policies evolve as they are implemented and are influenced by context. Health professionals tend to follow aspects of policy that are most familiar to them rather than according to evidence or population needs. Existing limitations in the structure of the health care system are perpetuated, and existing inequities are maintained. Where Aboriginal health services lack the capacity to contribute to policy, the health care system is less able to find new and more effective approaches.
In 2007, with my PhD in hand, I returned to Sydney and to the University of New South Wales. I am now a Public Health Researcher with an interest in implementation science and policy-related research. I conduct applied research that is intended to contribute to better health and health care in the community by strengthening access to primary health care and addressing health inequities. Aboriginal health and applied research is conducted in partnership with Aboriginal organisations and service providers to ensure the research is ethical, informed, relevant and implementable.

My career highlights include being awarded an NHMRC Early Career Fellowship in 2011 and being the first named chief investigator on an Australian Primary Health Care Research Institute Grant in 2012. Since being awarded this funding I have been building a research program to improve access to primary health care for marginalised groups including Aboriginal Australians in contact with the criminal justice system, and to support people with low health literacy to access preventive care in primary care settings.
Education and capacity building are ways in which the Centre tries to ensure that its research makes a difference. During 2014 we invited a consultant to review our activities in this area and suggest directions for the future. The report was adopted, and in 2015 this aspect of the Centre’s work will be coordinated by Prof. Nick Zwar, and supported through the Centre’s infrastructure funding.

Our contribution to academic teaching and to external training is reported on p.36 We build an element of knowledge translation into each research program to support the uptake of findings by service providers and policy makers. The following programs have a particular strong focus on education and capacity building.

**The electronic Practice Based Research Network (ePBRN)**

The ePBRN, coordinated from the General Practice Unit at Fairfield Hospital, has evolved from a data extraction and record linkage project into a research infrastructure that underpins a series of Integrated Health Neighbourhoods to support integrated health services research. These Neighbourhoods comprise a “medical home” and its referral network. The most developed of these, the Fairfield Neighbourhood consists of the Fairfield Hospital and its ambulatory care and outreach services, community health services, primary care and general practice services. This has been used to develop a predictive model for admission of patients with diabetes in the Fairfield Network. Similar infrastructure is being used in the Wollondilly Integrated Care project led by the SWSLHD and SWSPHN as part of the Wollondilly Health Alliance.

This structure allows for longitudinal studies of integrated health care, with the Integrated Health Neighbourhood as the focus of integration across the primary-secondary care continuum and the LHD/PHN seen as a network of Integrated Health Neighbourhoods. This will enable comparative effectiveness research across Integrated Health Neighbourhoods and also across LHDs.

The ePBRN then becomes a platform for health services research and research training with a focus on the use of routinely collected electronic data in electronic health records. With high quality data and a sound understanding of multi-method research, researchers from primary and secondary care will be able to conduct robust cohort studies, clinical trials, quality improvement audits and comparative effectiveness research cost-efficiently.

This data quality and analytics research program is one of the core activities that underpin the PHC Informatics Stream of the CPHCE.

**The Primary and Community Health Research Unit (PCHRU)**

For the past three years PCHRU has supported research within community health in South Western Sydney Local Health District. It has been a collaboration between SWSLHD Division of Community Health, University of NSW, University of Western Sydney and SWS Medicare Local, directed by Associate Professor Elizabeth Comino, and coordinated by Emma Friesen and Fakhra Maan. Its activities have included a Research Mentoring Program (RMP), a review of the research culture and capacity within the Local Health District and strengthening research governance and infrastructure within community health.

In 2014, its funding came to an end. We conducted a review of the work of PCHRU over the three years, and proposed strategic directions for future research capacity building within community health. This is now with the Local Health District.
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 primary health care research. In 2014 COMPaRE-PHC funded three postdoctoral fellows and three PhD scholarships as well as supporting a range of other students at Doctoral, Masters, Honours and undergraduate levels. These fellows and students were located across the COMPaRE-PHC sites: CPHCE, Deakin University, UTS University of Adelaide and Inala Indigenous Health Service. During 2014, three journal articles were published with postdoctoral fellows, two with the postdoctoral fellows as first authors. One of our postdoctoral fellows obtained an NHMRC postdoctoral fellowship during 2014. We continue to support this fellow by funding a research assistant to ensure her work with COMPaRE-PHC can continue while she is engaged in new work with the new fellowship.

COMPaRE-PHC organised a range of activities that aimed to build capacity beyond academia. A number of these events included international experts. First, Professor Iain Broom, Director of the Centre for Obesity Research and Epidemiology at Robert Gordon University (UK) talked about the development and roll-out of the Counterweight Program in policy roundtable discussions, public seminars and targeted workshops. Second, Barbara Docherty, leader of University of Auckland’s Training and Development Services, presented a public workshop on communicating with patients about their weight.

COMPaRE-PHC continued to develop and maintain its website and e-newsletter, both of which had been established in 2013 to disseminate information to researchers, policy makers, clinicians and others interested in the prevention and management of obesity by PHC.

Mentoring and supervision

Mentoring and supervision include the work of the General Practice Unit at Fairfield in training registrars in the GP training program, supervision for Masters and PhD candidates; and providing research experience for Independent Learning Project and other students from the Faculty of Medicine.
In 2014, 2 staff had research fellowships and 3 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. 2011-2016

Scholarships


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

*Also received CPHCE top up for lower paying PhD scholarships*

Awards

**Harris, Elizabeth**. Bellagio Resident Fellowship, The Rockefeller Foundation

**Building Evidence & Research-The Gudaga Research Program.**

NSW Aboriginal Health Awards 2014 (13th November 2014)

Sudden infant death syndrome in an urban Aboriginal community. *Journal of Paediatrics and Child Health* 49, 1025-1031.

Winner of the Liverpool Catholic Club Best Community Paper prize, Ingham Institute for Applied Medical Research Awards Night (20th November 2014)

Ingham paper award

Aboriginal Health Awards 2014
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 2014.¹

Undergraduate Medicine at UNSW

<table>
<thead>
<tr>
<th>Subject</th>
<th>Lecturer(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foundation Course</td>
<td>Mark Harris, Elizabeth Harris, Lynn Kemp, Katherine Hirono</td>
</tr>
<tr>
<td>Independent Learning Project – student placement</td>
<td>Mark Harris (supervisor)</td>
</tr>
<tr>
<td>Phase 1 Clinical Teaching</td>
<td>Siaw-Teng Liaw, Sanjyot Vagholkar (tutors)</td>
</tr>
<tr>
<td>Phase 2 Society and Health</td>
<td>Elizabeth Harris, Andrew Knight, Siaw-Teng Liaw, Mark Harris, Sanjyot Vagholkar (lecture,), Nicholas Zwar,</td>
</tr>
<tr>
<td>Phase 3 Primary Care</td>
<td>Andrew Knight, Siaw-Teng Liaw, Joel Rhee, Tim Shortus, Sanjyot Vagholkar, Nicholas Zwar</td>
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</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Subject</th>
<th>Lecturer(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health Impact Assessment</td>
<td>Fiona Haigh (course co-ordinator); Patrick Harris, Katherine Hirono (co-convenor), Marilyn Wise (lecturers)</td>
</tr>
<tr>
<td>Inequalities in Health</td>
<td>Lynn Kemp (course co-ordinator); Elizabeth Comino, Fiona Haigh, Patrick Harris, Rebekah Grace, Peter Sainsbury, Jane Lloyd, Heike Schütze (lecturers), Katherine Hirono</td>
</tr>
<tr>
<td>Prevention and management of chronic disease</td>
<td>Mark Harris, Nicholas Zwar, Rohan Jayasuriya (coordinators); Elizabeth Denney-Wilson, Sarah Dennis, Chandni Joshi, Siaw-Teng Liaw, Gawaine Powell Davies, Catherine Spooner (lecturers)</td>
</tr>
<tr>
<td>Principles and Practice of Primary Health Care Services in the Community</td>
<td>Gawaine Powell Davies, Julie McDonald (course co-ordinators); Mark Harris, Chandni Joshi, Heike Schütze, Nicholas Zwar (lecturers)</td>
</tr>
</tbody>
</table>

#### b) Contributions to other MPH Courses

<table>
<thead>
<tr>
<th>Subject</th>
<th>Lecturer(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Environmental Health</td>
<td>Fiona Haigh</td>
</tr>
<tr>
<td>Introduction to Public Health</td>
<td>Elizabeth Harris, Patrick Harris, Katherine Hirono</td>
</tr>
<tr>
<td>Community Development</td>
<td>Katherine Hirono</td>
</tr>
<tr>
<td>Development human rights and health</td>
<td>Fiona Haigh, Lynn Kemp</td>
</tr>
</tbody>
</table>

### Other Undergraduate and Graduate Teaching

<table>
<thead>
<tr>
<th>Subject</th>
<th>Lecturer(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Work effectively with Aboriginal and Torres Strait Islander peoples</td>
<td>Heike Schütze (Coordinator and lecturer)</td>
</tr>
</tbody>
</table>

### Other Teaching

<table>
<thead>
<tr>
<th>Subject</th>
<th>Lecturer(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supervision of GP Registrars in Practice for GP Synergy</td>
<td>Siaw-Teng Liaw, Andrew Knight, Joel Rhee, Nicholas Zwar (supervisors)</td>
</tr>
</tbody>
</table>

### Short Courses and Workshops

<table>
<thead>
<tr>
<th>Course</th>
<th>Lecturer(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master Class. Tackling the social determinants of health: Interventions that are ‘fit for purpose’. 2-day short course</td>
<td>Elizabeth Harris, Marilyn Wise, Sarah Simpson (coordinators and lectures), Heike Schütze (facilitator)</td>
</tr>
</tbody>
</table>
PhD Research Students

The Centre provides many opportunities for research students. In 2014 a total of 15 PhD students were enrolled at the Centre (including a number of CPHCE staff members). In addition, CPHCE staff co-supervised a number of students from other Universities.

<table>
<thead>
<tr>
<th>Name</th>
<th>Thesis Title</th>
<th>Supervisor/ Co-supervisor</th>
<th>Expected Completion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abby Anderson</td>
<td>Evaluation of health assistants in general practice</td>
<td>Judy Proudfoot, Mark Harris</td>
<td>2015</td>
</tr>
<tr>
<td>Barbara Booth</td>
<td>Quality improvement in general practice</td>
<td>Mark Harris, Nicholas Zwar, Jan Ritchie</td>
<td>Submitted 2014</td>
</tr>
<tr>
<td>Shona Dutton</td>
<td>Quantifying physical activity behaviour in a primary care setting - an instrument for measuring physical activity change in general practice</td>
<td>Sarah Dennis, Mark Harris</td>
<td>2015</td>
</tr>
<tr>
<td>* Nouhad (Nina) El Haddad</td>
<td>Ethnicity and health literacy for weight management in non-English speaking migrants attending primary health care</td>
<td>Mark Harris, Elizabeth Denney-Wilson, Nighat Faruqi, Catherine Spooner</td>
<td>2016</td>
</tr>
<tr>
<td>* Fiona Haigh</td>
<td>From advocacy to action: Utilising Health Impact Assessment as a tool to realise the right to health.</td>
<td>Lynn Kemp, Vanessa Rose</td>
<td>2016</td>
</tr>
<tr>
<td>Fatema Khatun</td>
<td>An assessment of community readiness for mHealth in rural Bangladesh</td>
<td>Siaw-Teng Liaw, Anita Heywood, Pradeep Ray</td>
<td>2015</td>
</tr>
<tr>
<td>Suzanne McKenzie</td>
<td>Mental health and prevention of cardiovascular disease in general practice- impacts and interactions</td>
<td>Mark Harris, Gavin Andrews</td>
<td>Submitted 2014</td>
</tr>
<tr>
<td>Janani Pinidiyapathirage</td>
<td>Gestational diabetes in Sri Lankan women</td>
<td>Rohan Jaya-suriya, Vanessa Rose</td>
<td>2014</td>
</tr>
<tr>
<td>Alireza Rahimi</td>
<td>Ontology-based approaches to identify patients with type 2 diabetes mellitus from electronic health records: development and validation</td>
<td>Siaw-Teng Liaw, Pradeep Ray</td>
<td>2014</td>
</tr>
<tr>
<td>Joel Rhee</td>
<td>A study of advance care planning in the primary care context</td>
<td>Nicholas Zwar, Lynn Kemp</td>
<td>Submitted 2014</td>
</tr>
<tr>
<td>* Heike Schütze</td>
<td>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</td>
<td>Mark Harris, Elizabeth Harris, Lisa Jackson Pulver</td>
<td>Submitted 2014</td>
</tr>
<tr>
<td>Sanjyot Vaghokar</td>
<td>Cardiovascular absolute risk assessment in general practice and impact on prescribing</td>
<td>Nicholas Zwar, Mark Harris</td>
<td>Submitted 2014</td>
</tr>
<tr>
<td>* Anna Williams</td>
<td>Integrating chronic illness self-management plans with primary care management: a clarification model of patient-provider care congruence</td>
<td>Mark Harris, Patricia Bazeley</td>
<td>2015</td>
</tr>
</tbody>
</table>
### TEACHING

<table>
<thead>
<tr>
<th>Name</th>
<th>Thesis Title</th>
<th>Supervisor/Co-supervisor</th>
<th>Expected Completion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sue Woolfenden</td>
<td>Inequity in Developmental Vulnerability, its determinants and the role of access to prevention and early intervention services</td>
<td>Lynn Kemp, Valsa Eapen, Katrina Williams</td>
<td>2017</td>
</tr>
<tr>
<td>* Siggi Zapart</td>
<td>Effective sustained nurse home visiting: who benefits, why and how?</td>
<td>Lynn Kemp, Jenny Knight</td>
<td>2015</td>
</tr>
</tbody>
</table>

* CPHCE Staff enrolled in post-graduate study

Barbara Booth, who submitted a successful PhD application in 2014.
Back to front and probably upside down describes my pathway to both academia and the completion of a PhD with the CPHCE. I have been a general practitioner for 25 years and have worked in a variety of practices in NSW and now Queensland. I am a true generalist, interested in everything and everyone. This describes my research interests as well as my clinical interests.

After many years of working in clinical practice and doing some research and teaching with the RACGP, I embarked on an academic career with UNSW in 2003. I was responsible for developing one of the courses for the new medical program, Society and Health 2 and also taught general practice skills to the more senior students. I did a number of small projects investigating different aspects of chronic disease prevention and had several publications to my name. I finally was dragged kicking and screaming into a PhD in 2007 when I was lucky enough to be included as CI on a large NHMRC project with Professor Mark Harris and colleagues. I developed my proposal in conjunction with the project and investigated the mental health aspects of the intervention designed to address cardiovascular risk factors in general practice patients. I conducted a mixed method study motivated by my patients who were always telling me (literally or otherwise) that “stress” prevented them making lifestyle changes that might benefit their health. I thought I would explore psychological distress in the participants in the randomized controlled trial and see if indeed stress played a part in either facilitating or blocking attempts at lifestyle behavior change.

So, seven publications later (three as first author) and lots of hard work, a thesis was written and the PhD awarded in July 2014. The answer to the question, not surprisingly, is complex and the thesis a good read. To get there, it was 7 long years of persistence peppered with significant personal and professional challenges and you might say it was all worth it in the end. I moved to James Cook University in north Queensland in 2010 and am now the Head of the Discipline of General Practice and Rural Medicine, Director of Clinical Studies for the College of Medicine and Dentistry, the Primary Health Care Coordinator for the Anton Breinl Research Centre for Health Systems Strengthening, the Clinical Coordinator for the North Queensland Practice Based Research Network and, in my spare time, the Assessment Panel Chair for the RACGP North Queensland Sub- Faculty.

I teach medical students in all 6 years of the undergraduate medical program at JCU, have supervised two MBBS honours students, am a research mentor for a Masters student and have just accepted my first PhD student. I travel extensively in north Queensland as we have students and staff spread out over an area that is more than twice the size of NSW, from the Torres Strait in the north, down to just south of Mackay and west to Mt Isa, Winton and Longreach. As I fly over the Barrier Reef for a day or two of work in Cairns, or over the red dirt and cattle country of western Queensland on the way to Mt Isa, I pinch myself about how lucky I am. As I cross the Gulf of Carpentaria and see all the massive rivers flowing north on the way to see students in Darwin, I wonder how a GP from northern Sydney ended up in this wonderful part of the world. A part of Australia which is a land of great beauty but where we still have great health disparities and where we have populations that are underserved. A land where we are training a health workforce who have the right skills and attitudes to work in the places of most need and know how to make a difference to their communities. What a privilege to be able to use the skills and knowledge that have been entrusted to me by my teachers and mentors to contribute to this cause.
KNOWLEDGE EXCHANGE

Grand Opening of Waranwarin Child and Family Centre and Close the Gap Day

Thursday, 20 March 2014, Waranwarin Child and Family Centre

Members of the Gudaga Research Team attended the Tharawal celebrations for Closing the Gap Day on Thursday, 20 March 2014. This year they were held at the Waranwarin Child and Family Centre and were combined with the official opening of the Waranwarin Centre. This day is an opportunity for the Aboriginal community to come together and celebrate their work towards building a strong, healthy Aboriginal community on Tharawal Lands.

The Gudaga Research Team are strong supporters of programs and activities at Tharawal Aboriginal Corporation. Today we hosted a stall that showcased the Gudaga and Bulundidi Gudaga Research with information about the work for families as well as balloons and other activities for the children. Members of the research team are members of the Waranwarin advisory committee and work with the Waranwarin Centre and with Tharawal to ensure that the Gudaga Research findings are taken up and inform the development of programs for Aboriginal families living on Tharawal land.

A/Prof Elizabeth Comino with Uncle Ivan Wellington at the Close the Gap Day
2014 Annual Forum

Friday 22 August 2014, 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 2014 Annual Forum.

Awards

- **Ian Webster Health for all Oration**
  Prof Michael Kidd

- **Individual Partnership Award**
  Dr Michael Moore
  Inner West Sydney Medicare Local

- **Organisational Partnership Award**
  South Eastern Sydney Local Health District accepted by Dr Greg Stewart

- **Medicare Local Partnership Award**
  South Western Sydney Medicare Local
  Accepted by Mr Rene Pennock

- **Health Impact Assessment Award**
  Professor Michael Moore Transpacific Partnership accepted by Katie Hirono of CPHCE who worked on the Transpacific Partnership HIA
Partners and Affiliates

We collaborate with many different individuals and organisations. Some of our main partners in 2014 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 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
- Western Sydney Aboriginal Medical Service
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
- Canterbury City Council
- Liverpool City Council
- Wollondilly Shire Council

Australian Universities and Research Institutes
- Australian National University:
  - Australian Primary Health Care Research Institute
  - National Centre for Epidemiology and Population Health
- University of Sydney:
  - Broken Hill University Department of Rural Health
  - Faculty of Health Sciences
  - Northern Rivers University Department of Rural Health
- Bond University
- Charles Sturt University
- Curtin University
- The George Institute for Global Health
- Ingham Institute for Applied Medical Research
- James Cook University
- LaTrobe University
- Lowitja Institute
- Macquarie University
- Royal Children's Hospital Centre for Community Child Health (CCCH), Murdoch Children’s Research Institute, University of Melbourne
- Southern Academic Primary Care Research Unit (SAPCRU), Monash University
- 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
- Murrumbidgee Medicare Local
- Nepean Blue Mountains Medicare Local
- South Eastern Sydney Medicare Local
- South Western Sydney Medicare Local
- Western Sydney Medicare Local

South Australia
- Central Adelaide and Hills Medicare Local (CAHML)

Victoria
- The Northern Melbourne Medicare Local (NMML)
- Barwon Medicare Local
NON-GOVERNMENT ORGANISATIONS

- 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
- Beyond Blue
- Bupa Health Foundation
- Cabramatta Community Centre
- Chronic Illness Alliance
- Community 2168
- Ernst and Young
- Fairfield Migrant Resource Centre
- Gandangara Aboriginal Health Service
- Good Beginnings Australia
- GP Synergy
- Hepatitis NSW
- Karitane
- Kurranulla Aboriginal Community
- La Perouse/ Botany Bay Aboriginal Corporation
- Liverpool Migrant Resource Centre
- 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
- McGill University
- National Primary Care Research and Development Centre, University of Manchester, UK
- Robert Woods Johnston 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 Iain Broom
Director of the Centre for Obesity Research and Epidemiology (CORE) at Robert Gordon University, UK

Emeritus Professor Aline-Wendy Dunlop
School of Education, Faculty of Humanities and Social Sciences, University of Strathclyde, UK

Barbara Docherty
Honorary Clinical Lecturer, School of Nursing, University of Auckland, NZ

Jan-Willem Weenink
Radboud University Nijmegen, Netherlands
(See feature story next page for Jan-Willem’s experience in Australia)
Visiting Researcher Profile

JAN-WILLEM WEEINK MSC

I studied Biomedical Sciences at the Radboud University Nijmegen in my home country, the Netherlands. My Masters of Science included a major in Health Technology Assessment and a minor in Public Administration. The final stage of my study involved a research internship concentrating on patient care teams in primary care, which I conducted at IQ Healthcare - a scientific institute within the Radboud University Medical Centre, which focuses on quality improvement in healthcare. After finishing my study I continued working at IQ Healthcare as a researcher, carrying out problem-based research assignments for the benefit of policy and practice.

Most of my projects during my three years at IQ Healthcare focused on performance measurement and reporting, such as the development of national quality indicators for hospital-based care, the influence of public quality information on patients’ hospital and health professional choice, and the use of patient reported outcome measures (PROMs) in primary care. During this time, I developed a specific interest in the underperformance of healthcare professionals, a subject in which my interests for health sciences, psychology and organisational management meet. Since 2012, I’ve been continuously involved in research projects focusing on how to adequately deal with healthcare professionals that persistently underperform.

In April 2014 I came to Australia, initially for three months. However, these three months became a full year. The first six months I worked at the Bureau of Health Information (BHI), focusing on a report about patient experiences with integrated care in public hospitals in New South Wales. During this time, I also spent one day a week as a visiting fellow at the Centre for Health Economics Research and Evaluation (CHERE) at the University of Technology in Sydney (UTS). In November 2014, I started working at the Centre for Primary Health Care and Equity (CPHCE) at UNSW. I’ve primarily been involved in the IMPACT research program. Specifically, I supported the reanalysis of data from a series of large international primary care surveys, aiming to identify contextual factors that influence access or the success of access innovations for vulnerable populations. During my time at CPHCE, I also worked on several studies about primary healthcare reforms in Australia and Canada.

In June 2015, I will go back to IQ Healthcare in the Netherlands. I’ll continue working on problem-based research projects, and aim to finish a PhD thesis about underperforming healthcare professionals. I want to thank my colleagues at CPHCE for the interesting and pleasant time I had at the Centre and look forward to any future opportunities for collaboration.
## Staff Membership of External Committees

<table>
<thead>
<tr>
<th>Committee</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACI Chronic Care Network Inaugural Executive Committee</td>
<td>Julie McDonald</td>
</tr>
<tr>
<td>American Medical Informatics Association (AMIA) International Affairs Committee</td>
<td>Siaw-Teng Liaw</td>
</tr>
<tr>
<td>American Medical Informatics Association (AMIA) Ethics Committee</td>
<td>Siaw-Teng Liaw</td>
</tr>
<tr>
<td>Asia Pacific HIA Network</td>
<td>Patrick Harris, Fiona Haigh</td>
</tr>
<tr>
<td>Australia Primary Health Care Research Institute Knowledge Exchange Committee</td>
<td>Nicholas Zwar</td>
</tr>
<tr>
<td>Australian Family Physician Editorial Board</td>
<td>Nicholas Zwar</td>
</tr>
<tr>
<td>Australian Primary Care Research Network Management Committee (Chair)</td>
<td>Nicholas Zwar</td>
</tr>
<tr>
<td>Australasian Association for Academic Primary Care (President)</td>
<td>Nicholas Zwar</td>
</tr>
<tr>
<td>Australasian College of Health Informatics Council</td>
<td>Siaw-Teng Liaw</td>
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<tr>
<td>Baker IDI NHMRC Diabetes Secondary Prevention Guideline Advisory Group</td>
<td>Mark Harris</td>
</tr>
<tr>
<td>BMC Public Health Editorial Board</td>
<td>Patrick Harris</td>
</tr>
<tr>
<td>Certified Health Informatician Australasia Board</td>
<td>Siaw-Teng Liaw</td>
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<tr>
<td>Coalition of Research into Aboriginal Health</td>
<td>Elizabeth Harris</td>
</tr>
<tr>
<td>Department of Veterans Affairs: Coordinated Veterans Care Advisory Committee</td>
<td>Mark Harris</td>
</tr>
<tr>
<td>eHealth Informatics Journal Editorial Board</td>
<td>Siaw-Teng Liaw</td>
</tr>
<tr>
<td>Good Beginnings Australia Program Advisory Committee</td>
<td>Lynn Kemp</td>
</tr>
<tr>
<td>GP Synergy Board Director</td>
<td>Siaw-Teng Liaw</td>
</tr>
<tr>
<td>Heart Foundation Prevention in Practice Advisory Group</td>
<td>Gawaine Powell Davies</td>
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<tr>
<td>HeartSmart Committee Warwick Farm</td>
<td>Joan Silk</td>
</tr>
<tr>
<td>Health Informatics Society of Australia (Board Director)</td>
<td>Siaw-Teng Liaw</td>
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<tr>
<td>Health Informatics Conference (HIC) Scientific Committee</td>
<td>Siaw-Teng Liaw</td>
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<tr>
<td>Ingham Health Research Institute Scientific Advisory Committee</td>
<td>Lynn Kemp, Siaw-Teng Liaw</td>
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<tr>
<td>Ingham Institute Early Years Research Group</td>
<td>Rebekah Grace</td>
</tr>
<tr>
<td>Inner Western Sydney Medicare Local Board</td>
<td>Mark Harris</td>
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<tr>
<td>Informatics in Primary Care, Section Editor</td>
<td>Siaw-Teng Liaw</td>
</tr>
<tr>
<td>International Medical Informatics Association Academy Taskforce</td>
<td>Siaw-Teng Liaw</td>
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<tr>
<td>International Primary Care Respiratory Group Education Committee</td>
<td>Nicholas Zwar</td>
</tr>
<tr>
<td>International Association for Impact Assessment Publications Committee and Health Section</td>
<td>Patrick Harris</td>
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<tr>
<td>International Journal of Family Medicine Editorial Board</td>
<td>Siaw-Teng Liaw</td>
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<tr>
<td>International Journal of Medical Informatics Editorial Board</td>
<td>Siaw-Teng Liaw</td>
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<tr>
<td>Committee</td>
<td>Name</td>
</tr>
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<td>--------------------------------------------------------------------------</td>
<td>-------------------------------------------</td>
</tr>
<tr>
<td>International Union for Health Promotion and Education (IUHPE). Global Working Group on Health Impact Assessment</td>
<td>Elizabeth Harris</td>
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<tr>
<td>Liverpool Community Drug Action Team</td>
<td>Joan Silk</td>
</tr>
<tr>
<td>Lung Foundation COPD-X Evaluation Committee</td>
<td>Nicholas Zwar</td>
</tr>
<tr>
<td>Lung Foundation COPD-X Concise Guide for Primary Care Writing Committee</td>
<td>Nicholas Zwar</td>
</tr>
<tr>
<td>Medical Journal of Australia Content Review Committee</td>
<td>Mark Harris</td>
</tr>
<tr>
<td>National Diabetes Data Working Group</td>
<td>Mark Harris</td>
</tr>
<tr>
<td>National Heart Foundation Clinical Issues Committee</td>
<td>Mark Harris, Siaw-Teng Liaw</td>
</tr>
<tr>
<td>National Heart Foundation, National Blood Pressure &amp; Vascular Disease Advisory Committee</td>
<td>Nicholas Zwar</td>
</tr>
<tr>
<td>NHMRC Prevention and Community Health Committee</td>
<td>Mark Harris</td>
</tr>
<tr>
<td>NHMRC Mental Health and Parenting Working Committee</td>
<td>Mark Harris</td>
</tr>
<tr>
<td>National Prescribing Service Diagnostics Advisory Committee</td>
<td>Mark Harris</td>
</tr>
<tr>
<td>NSW Health Acute Care Taskforce</td>
<td>Siaw-Teng Liaw</td>
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<tr>
<td>NSW Health Keep Them Safe Evaluation Committee</td>
<td>Lynn Kemp</td>
</tr>
<tr>
<td>NSW Health Sustained Health Home-visiting Advisory Group</td>
<td>Lynn Kemp</td>
</tr>
<tr>
<td>NSW Health Tobacco Senior Officers’ Steering Group</td>
<td>Nicholas Zwar</td>
</tr>
<tr>
<td>Primary Health Care Research, Evaluation and Development (PHCREDS) Strategy Advisory Committee</td>
<td>Mark Harris</td>
</tr>
<tr>
<td>Primary Health Care Research Information Service Strategic Advisory Group</td>
<td>Gawaine Powell Davies</td>
</tr>
<tr>
<td>RACGP National Research Ethics Committee (Chair)</td>
<td>Siaw-Teng Liaw</td>
</tr>
<tr>
<td>RACGP National Standing Committee Research</td>
<td>Siaw-Teng Liaw</td>
</tr>
<tr>
<td>RACGP Quality Committee</td>
<td>Mark Harris</td>
</tr>
<tr>
<td>RACGP Red Book Task Force</td>
<td>Mark Harris</td>
</tr>
<tr>
<td>RACGP Smoking Cessation Guidelines Content Advisory Group (Chair)</td>
<td>Nicholas Zwar</td>
</tr>
<tr>
<td>RACGP SNAPW guide working group (Chair)</td>
<td>Mark Harris(chair), Nicholas Zwar</td>
</tr>
<tr>
<td>SE Sydney Medicare Local Board</td>
<td>Nicholas Zwar</td>
</tr>
<tr>
<td>SE Sydney Medicare Local Map of Medicine project steering group</td>
<td>Nicholas Zwar</td>
</tr>
<tr>
<td>SE Sydney Medicare Local Needs Assessment Steering Group (Chair)</td>
<td>Nicholas Zwar</td>
</tr>
<tr>
<td>SE Sydney Primary Health Care Partnership Committee</td>
<td>Gawaine Powell Davies</td>
</tr>
<tr>
<td>SESLHD Medicare Locals and Health Collaborative Committee</td>
<td>Gawaine Powell Davies, Julie McDonald</td>
</tr>
<tr>
<td>SESLHD/CPHCE Research Hub Operations Committee</td>
<td>Mark Harris, Gawaine Powell Davies, Julie McDonald</td>
</tr>
<tr>
<td>SESLHD Integrated Care Strategy Working Party</td>
<td>Julie McDonald</td>
</tr>
<tr>
<td><strong>Committee</strong></td>
<td><strong>Name</strong></td>
</tr>
<tr>
<td>------------------------------------------------------------------------------</td>
<td>-----------------------------------------------</td>
</tr>
<tr>
<td>Social Determinants of Health Alliance</td>
<td>Lynn Kemp</td>
</tr>
<tr>
<td>STAR Association Research Advisory Board</td>
<td>Rebekah Grace</td>
</tr>
<tr>
<td>SWSLHD Aboriginal Child and Family Health Steering Committee</td>
<td>Rebekah Grace, Nick Rosser</td>
</tr>
<tr>
<td>SWSLHD Population Health Division Executive</td>
<td>Lynn Kemp</td>
</tr>
<tr>
<td>SWSLHD Research &amp; Teaching Committee</td>
<td>Siaw-Teng Liaw</td>
</tr>
<tr>
<td>SWSLHD-SWSML Integrated Health Committee member</td>
<td>Siaw-Teng Liaw</td>
</tr>
<tr>
<td>SWSML Information Technology Committee</td>
<td>Siaw-Teng Liaw</td>
</tr>
<tr>
<td>SWSML Universities Committee</td>
<td>Siaw-Teng Liaw</td>
</tr>
<tr>
<td>WaranWarin Steering Committee</td>
<td>Elizabeth Comino, Rebekah Grace, Nick Rosser</td>
</tr>
<tr>
<td>Westmead Breast Cancer Institute Research Advisory Committee</td>
<td>Upali Jayasinghe</td>
</tr>
<tr>
<td>WHO Western Pacific Regional Office Thematic Working Group on Health Impact Assessment</td>
<td>Patrick Harris</td>
</tr>
</tbody>
</table>

KOHI, Korea Human Resource Development Institute for Health & Welfare, which is an affiliate agency of Ministry of Health and Welfare in Korea, visited CPHCE on 7th Nov 2014
PUBLICATIONS

Book Chapters


Journal Articles


Conference Presentations
(oral presentations and posters)


6. Elcombe E, Grace R, Kemp L, Comino E. Bulundidi Gudaga - a sustained home visiting program for Aboriginal infants and their mothers: Where are we now? Ingham Research Show Case; Thomas and Rachel Moore Education Centre, Liverpool Hospital.


32. Schütze, H. Cultural respect in general practice in Sydney: Follow-up findings. La Perouse Aboriginal Health Link Advisory Group, La Perouse Aboriginal Community Controlled Health Service; 13 August 2014; La Perouse.
Reports


FINANCIALS
# Centre for Primary Health Care and Equity

## Statement of Financial Performance

**for the Year Ended 31 December 2014**

<table>
<thead>
<tr>
<th>Notes</th>
<th>2014</th>
<th>2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revenue</td>
<td>$000</td>
<td>$000</td>
</tr>
<tr>
<td>Research Revenue</td>
<td>$1,657</td>
<td>$2,973</td>
</tr>
<tr>
<td>Consulting/Commercial Activities</td>
<td>$440</td>
<td>$931</td>
</tr>
<tr>
<td>Other Research Revenue</td>
<td>$124</td>
<td>$129</td>
</tr>
<tr>
<td>UNSW Contributions</td>
<td>$399</td>
<td>$332</td>
</tr>
<tr>
<td>UNSW Medicine Contributions</td>
<td>$463</td>
<td>$307</td>
</tr>
<tr>
<td>Other Revenue</td>
<td>$629</td>
<td>$206</td>
</tr>
<tr>
<td><strong>Total Revenue</strong></td>
<td><strong>$3,712</strong></td>
<td><strong>$4,031</strong></td>
</tr>
<tr>
<td>Expenses</td>
<td></td>
<td></td>
</tr>
<tr>
<td>People Costs, oncosts &amp; other</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Staff Costs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scholarship Stipends</td>
<td>$85</td>
<td>$111</td>
</tr>
<tr>
<td>Contract &amp; Consulting Services</td>
<td>$299</td>
<td>$396</td>
</tr>
<tr>
<td>Consumables</td>
<td>$29</td>
<td>$31</td>
</tr>
<tr>
<td>Travel</td>
<td>$166</td>
<td>$145</td>
</tr>
<tr>
<td>Equipment &lt; than $5,000</td>
<td>$11</td>
<td>$26</td>
</tr>
<tr>
<td>Other Expenses</td>
<td>$525</td>
<td>$238</td>
</tr>
<tr>
<td><strong>Total Expenses</strong></td>
<td><strong>$5,112</strong></td>
<td><strong>$4,978</strong></td>
</tr>
<tr>
<td><strong>Net Result before Depreciation</strong></td>
<td>-$1,400</td>
<td>-$100</td>
</tr>
<tr>
<td>Depreciation</td>
<td>$3</td>
<td>$3</td>
</tr>
<tr>
<td><strong>Net Result after Depreciation</strong></td>
<td>iv</td>
<td>-$1,403</td>
</tr>
</tbody>
</table>

## Notes to the Statement of Financial Performance

i) The financial statement is prepared on an accrual basis for the year ended 31 December 2014, whilst on a cash basis in 2013. As a result of the change in methodology, 2013 comparatives were restated as follows:

<table>
<thead>
<tr>
<th></th>
<th>Restated 2013</th>
<th>As per 2013 Statement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total revenue</td>
<td>$4,878k</td>
<td>$4,644k</td>
</tr>
<tr>
<td>Total expenses</td>
<td>$4,978k</td>
<td>$4,976k</td>
</tr>
</tbody>
</table>

ii) The Centre (CPHCE) 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) Includes contribution to salaries of eight (8) CPHCE staff and Non-salary Fellowship Enhancements for Professor Mark Harris & Dr Jane Lloyd.

iv) The 2014 net result after Depreciation (deficit) for the year ended 31 December 2014 utilises the carry forward surpluses from previous years.
CONTACT US

Main Campus

Executive Director: Professor Mark Harris
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Email: m.f.harris@unsw.edu.au

Director: Terry Findlay
UNSW Australia
UNSW SYDNEY NSW 2052
Tel: +61 2 9385 8401  Fax: +61 2 9385 8404
Email: t.findlay@unsw.edu.au

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Liverpool BC NSW 1871
Tel: +61 2 8738 9310  Fax: +61 2 9602 8052
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

Health Equity Research and Development Unit (HERDU)

Director: A/Prof Elizabeth Harris
SLHD, Level 2, Marsden St, Camperdown
Tel: +61 2 9515 1234
Email: e.harris@unsw.edu.au

Please direct any inquiries regarding the Annual Report to Terry Findlay at t.findlay@unsw.edu.au.

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