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Terry Findlay, Director of the Centre for Primary Health Care and Equity, died in December 2017.

TRIBUTE TO TERRY FINDLAY

Terry had a long career in primary health care and health service development, alternating between the UK and Australia. He began after graduating in social work in 1979 he worked in community health in Botany. He then went on to a number of roles in UK (largely in London) before returning to Australia in 1988 to work as Director of Community Health Services in Blacktown for 6 years. It was during this time that he was seconded to advise the Minister of Health on the strategic direction for primary and community health services. He then moved to Canberra to work as Director of Primary Health Care and as Executive Director of ACT Community Care, a statutory body providing community health and disability services under contract with the ACT government. In 1999 he moved back to the UK to his ancestral roots in Glasgow where he was a General Manager for Primary Care and then Director of an integrated primary health care and social care partnership for the Greater Glasgow and Clyde region. This was a major challenge and achievement for Terry and in his own low key way he often referred to it when talking about our own fledgling attempts to develop more integrated approaches to the needs of disadvantaged populations. He applied this knowledge when he returned to work as Director of the project supporting the transition from Divisions of General Practice to Medicare Locals in 2011 to 2012 and as Head of Programs for the Australian Primary Health Care Research Institute from 2013 to 2015.

Terry worked with us as Director of the Centre for Primary Health Care for only a few years but had a conjoint appointment with the Centre since his return to Australia in 2009. Even though he worked only three days per week for the last 2 and half years, he had a lasting impact on our work and direction. He provided a smooth and steady transition for the Centre with the retirement of Gawaine Powell Davies who had been since our inception. This was also a time when we saw the retirement (failed or otherwise) of three others of our senior staff. This was one of the things he did well – calmly steering the Centre through times of change both internally and its externally environment. But he did much more than this. He helped develop new strategies, identified and negotiated new opportunities and relationships especially as we moved to develop further the model of research hubs embedded in local health districts and research involving complex partnerships across health services. He also nurtured and supported all of us especially the newer younger research leadership of the Centre.

Throughout his career, Terry was committed to equity addressing the needs of disadvantaged populations. He was also committed to the idea of primary health care and the integration of care across organisational silos. Integrated primary health care was not just an abstract idea or a means of keeping people out of hospital. It was a way of better addressing and being accountable to the needs of the population especially those that were most vulnerable. In applying these ideas, he was always strategic and pragmatic. His whole career was focused on promoting primary health care and health care in the community. He was in many ways a personification of our Centre’s goal of “better fairer health in the community”.

For all this, Terry was a dear colleague who we all miss greatly. He had a dry sense of humour and this helped us all in times of stress and change. His sudden illness and untimely passing left us all shocked and at a loss to know what to do. We can at least imagine what he would have done to help us through this.

Vale Terry.
The Centre for Primary Health Care and Equity has been operating as a UNSW Research Centre within the Faculty of Medicine since 2005. We have collaborative research Hubs with SWS Local Health District based in Liverpool, with Sydney Local Health District in Camperdown and with SE Sydney in Randwick, which is also the home base for the Centre as a whole.

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 2017 our research streams were:

- Prevention and Management of Long Term Conditions
- Health Care System Integration and Primary Health Care Development
- Action for Equity
- Informatics and eHealth
- Health Environment

Our work is applied, and we support our collaborators in putting the results of our research into practice. We conduct our research at all levels, from locally based projects to international collaborations. This enables us to compare across settings, while remaining well grounded in our local communities.

Our work focuses on areas that have some of the highest proportions of people of low socioeconomic status of refugee migrant and Aboriginal and Torres Strait Islander origins. All these have complex and distinct health care needs.

ACKNOWLEDGMENT

As always, we begin by thanking our collaborators and supporters, some of whom have been with us for more than 20 years now. Without them, we would be able to achieve nothing.

Within UNSW, the Faculty of Medicine continues to support us generously and provide much of the organisational framework within which our research and teaching occurs. We have a particularly strong association with the School of Public Health and Community Medicine, and work with Centres and Schools across the University, including the Translation Cancer Research Network, the Centre for the Built Environment, the Social Policy Research Centre and the School of Biomedical Engineering.

Outside the university we work closely with several Local Health Districts and Primary Health Networks. We appreciate particularly the partnership of the three Local Health Districts with whom we have established research Hubs: the Centre for Health Equity Training Research and Evaluation (CHETRE) with South Western Sydney Local Health District, the Health Equity Research and Development Unit with Sydney and the South East Research Centre (SeaRCH) with South Western Sydney Local Health District. These hubs are joint enterprises which allow us to work together to address fundamental issues in primary health care and equity. In South Western Sydney the General Practice Unit at Fairfield is affiliated to the Centre, and the John Bell Institute for Applied Medical Research is an important partner and host for CHETRE.

We thank NSW Health – the ministry and the pillars, the Bureau of Health Information, the Agency for Clinical Innovation and the Clinical Excellence Commission, for their support as collaborators and commissioners of work. We are particularly grateful for the support we receive through the Public Health and Health Services Research Support Program, and will continue to receive under its successor, the Prevention Research Support Program. We also thank all the other bodies who have funded our work or supported it in other ways, including the Sax Institute, the National Health and Medical Research Council and Australian Research Council.

We have more research collaborators – local, national and international - than we can mention here. What is particularly encouraging is to see in the report new names alongside long-time collaborators. Not included in the report, but much appreciated, are the many individuals - from health services, non-government organisations and the community – who have given their time to take part in our research.

Our Steering and Advisory committees have continued to provide us with guidance. We thank their Chairs, Terry Campbell and Ian Webster, and all their members.

It is, of course, the staff who do the work, and they have continued to do so with care and dedication, despite the often-uncertain employment conditions under which they work. It is their work that is reported in these pages.

Finally, we must acknowledge with gratitude and great sadness the contribution of Terry Findlay, our Director, who became ill and then died in the second half of 2017. Here, as elsewhere in his long career, he made an enormous contribution.
The Steering Committee oversees the work of the Centre, ensuring that it pursues its objectives in line with its terms of reference and ensuring the Centre is financially sound. The Committee met on 22nd March and 24th October 2017.

CHAIR
Professor Terry Campbell
Senior Vice Dean (Academic), Faculty of Medicine, UNSW Sydney

*Professor William Ledger
Senior Vice Dean, Head and Professor of the Discipline of Obstetrics & Gynaecology, Clinical Affairs, Faculty of Medicine, UNSW Sydney

MEMBERS
Dr Teresa Anderson
Chief Executive, Sydney Local Health District

**Associate Professor Gawaine Powell Davies
Acting Director, CPHCE, UNSW Sydney

Terry Findlay
Director, Centre for Primary Health Care and Equity, UNSW Sydney

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

Professor Ilan Katz
Professor, Social Policy Research Centre, UNSW Sydney

Amanda Larkin
Chief Executive, South West Sydney Local Health District

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

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

Dr Greg Stewart
Director, Primary and Integrated Community Health, South Eastern Sydney Local Health District

*Professor Ledger replaced Professor Campbell as Chair in October.
**Associate Professor Gawaine Powell Davies stood in for Terry Findlay as Acting Director from August.

SECRETARIAT (NON-VOTING MEMBER)
Ms Sarah Ford
Finance Manager, Centre for Primary Health Care and Equity, UNSW Sydney

MESSAGE FROM THE CHAIR OF THE STEERING COMMITTEE

I have been Chair of the Steering Committee since October 2017, following the retirement of the inaugural Chair, Professor Terry Campbell. My association with the Centre is therefore relatively recent, which means that I did not have the opportunity to work with Terry Findlay, Director of the Centre. Terry was diagnosed with cancer in August 2017 and sadly died only a few months later, in December. Terry had a distinguished career in health services development and management in Australia and overseas and was from all accounts one of the best of men. His predecessor, Gawaine Powell Davies, has kindly returned as Acting Director of the Centre until a successor is appointed.

The Centre has conducted research and evaluation and supporting the development of primary health care and health equity over many years, working at all levels from the very local to the international. As a result, the Centre has gained a wide experience and a broad perspective on health and healthcare, as well as of the relevant social and other factors. During 2017 the Centre pursued the directions set out in its 2016 strategic plan. These included strengthening the research hubs which the Centre shares with Sydney, SE Sydney and SW Sydney Local Health Districts. These joint ventures enable the Centre’s work to be grounded in the work of the health services and overcome the gap that often exists between researchers and those who use the results of their work.

In 2017, the Centre’s research income was largely stable at $4.373m, down slightly from $4.485m in 2016. At the same time, the Centre has excelled in boosting its publication and outreach activity. The number of books/chapter publications went from 3 in 2016 to 9 in 2017, the number of conference presentations from 18 to 44 and the number of published papers from 70 to 128 respectively. Importantly, the Centre’s infrastructure grant from NSW Health was renewed, albeit at a lower level than previously. The focus of this funding is now prevention rather than primary health care.

My early impression of the Centre is of a well-focused, well connected and high quality institution that continues to realign itself with the ever changing priorities and needs of the local and national health service and its providers. Its research output is of the highest calibre and has influence far beyond Sydney. The staff of the Centre reflect the diversity of areas of relevance to its research and form a cohesive and supportive community. I particularly thank Professor Powell Davies for his invaluable work at short notice and also my fellow members of the Steering Committee for their support for the Centre and the staff for their excellent work.

BILL LEDGER
Chair, Steering Committee
MESSAGE FROM THE CHAIR OF THE ADVISORY GROUP

It has been a hard year for the Centre’s staff with the sad loss of Terry Findlay. Terry was Centre Director and widely respected for his long-standing involvement in community health, his warm leadership and for his capacity to build bridges between the array of health and social systems. Gawaine Powell Davies, who was looking forward to a new life, has gracefully and nobly stepped again into the role until a new appointment is made. The Advisory Committee is especially appreciative of his willingness and generosity in taking on this role.

The Centre’s research aims to prevent and manage long-term conditions, take action to improve equity, health and the environment, integrate primary health care in the overall health system, each supported by cutting edge research in primary care informatics and e-health. The research in these areas, though logistically challenging, is conducted with intellectual rigour and is honed by front-line experience. It tells us what needs to be done and how well it is working.

The Annual Report details the ongoing work and achievements in these research streams. Each area must be given high priority if we are to deliver to those most in need. Some of the year’s initiatives have been in preventive health programs for patients with severe mental illness, programs for community health workers, refugee health and on the impact of the urban environment on health.

It is essential that primary health care be maintained and strengthened. A recent evaluation of international health systems by the Commonwealth Fund rated Australia’s health system at the top of the international league table; second to the UK. The top performing nations all had embedded primary health care services. Australia scored highly in - the processes of care, access, administrative efficiency and healthcare outcomes, but equity was not a strong point. There is a job to be done for which the Centre’s work is apposite.

Significant changes in leadership have occurred through the year. Associate Professor Jane Lloyd has been appointed Director of Health Equity Research and Development Unit (HERDU) following the retirement of Associate Professor Elizabeth Harris Associate Professor Ben Harris-Roxas has been appointed as Director of the South-Eastern Sydney Research Collaboration Hub (SEaRCH)."These units, with the Centre for Health Equity, Training, Research and Evaluation (CHETRE) in South West Sydney, make up three outreach research hubs which engage directly with area public health services and community-based primary health care agencies. Alongside, the research hubs, strong, practical and formal partnerships have been established with the Local Health Districts in Sydney, south-west Sydney and south-eastern Sydney and with South Western Sydney and South Eastern Sydney and with Primary Health Networks in these and other areas.

The Advisory Committee strongly appreciates the support of the New South Wales Ministry of Health for the infrastructure funding provided through its program for prevention research.

The Advisory Committee values highly the commitment and achievements of Centre’s staff and students. We especially congratulate those who have been awarded higher degrees arising from their research. For those moving on to other positions and career pathways, we wish them well for the future and thank them for their contribution to CPHCE.

We strongly support and value the outstanding leadership of Professor Mark Harris as the Centre’s Executive Director as well as the leaders of the research hubs and research streams.

We thank the Faculty of Medicine and the School of Public Health and Community Medicine for their material support and moral encouragement.

EMERITUS PROFESSOR IAN W WEBSTER AO
Chair, Advisory Group

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The Advisory Group provides strategic advice to the Centre on its research program. It met on 1st June and 26th October 2017.

**CHAIR**

Emeritus Professor Ian Webster

**MEMBERS**

Professor

William (Bill) Bellew  
Tish Bruce  
Elyse Cain  
Natalie Cook  
Rhiannon Cook

*Associate Professor Gawaine Powell Davies

Professor

Evelyn de Leeuw  
Terry Findlay  
Professor Mark Harris

*Associate Professor Ben Harris-Roxas

Tony Jackson

Professor

Siaw-Teng Liew

Associate Professor Jane Lloyd

Professor

Raina MacIntyre  
Virginia Schmied

Associate Professor

Miranda Shaw  
Chris Shipway

Vicki Wade

Dr Christine Walker

*Associate Professor Gawaine Powell Davies stood in for Terry Findlay as Acting Director from August*
MESSAGE FROM THE EXECUTIVE DIRECTOR

In 2017 the Centre has continued to develop and adapt to the changing environment both within UNSW and externally. Our three research hubs continue to develop mature research and development programs embedded with their local health districts. Jane Lloyd and Ben Harris-Roxas were appointed as Directors of HERDU and SEaRCH respectively. The hubs exemplify our approach to translational research with an agenda which is developed in partnership with health care services and providers. A feature of our work continues to be the strong partnerships we have developed with health services, other sectors and communities.

We received renewed infrastructure funding from the NSW Ministry of Health (Prevention Research Funding Scheme). This has helped us to reinforce our capacity for prevention research and its dissemination in the Centre and among our partners. Much of our research addresses the social determinants of health, exploring how health services and other sectors can work together to prevent and intervene early to address the health problems associated with urban development, poverty and social disadvantage. Our work on access to and quality of preventive care in primary health care informs guidelines, training, systematic approaches to embedding prevention in clinical care and health organisations. Our research programs on health literacy both in clinical care and in health organisations is at the cutting edge of international research on the topic.

New and innovative programs and projects have emerged. These include the use of digital technology in prevention in primary health care, an enhanced role of community health workers in health promotion, prevention, early detection and navigation to health programs and services, and preventive care for vulnerable population groups which include those with severe mental illness, refugees and young indigenous people. The new Health Environment theme that cuts across hubs and disciplines is picking up speed through Health Impact Assessments and our engagement with Western Sydney Airport. Our primary health care cohort data linkage study in Central and Eastern Sydney entered an exciting phase with the support of our partners (South Eastern Sydney Local Health District, Sydney Local Health District, Central and Eastern Sydney Primary Health Networks) under the leadership of Margo Barr. It is already informing the development and evaluation of integrated care strategies in the region.

The most significant event for CPHCE in 2017 occurred in December with the death of our Director Terry Findlay after a short illness. In the two and half years that he worked with us, we came to rely on his wisdom, experience and good humour in managing what is a very complex small organisation. He was loved by us all and is sorely missed. We are grateful to Gawaine Powell Davies who stepped back into the role and has helped us through a difficult patch.

PROFESSOR MARK HARRIS
Scientia Professor and Executive Director, Centre for Primary Health Care & Equity, UNSW Australia
To download the Strategic Plan 2016-2020 please go to this link:

RESEARCH ASSOCIATE/RESEARCH OFFICER/PROJECT OFFICER

Cheryl (Jane) Anderson
Heath Worker certificate

Heather Attenbrow
BA (Media & Comms)

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BA (Italian studies), MPH, CHES, CPH

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Matthew Castino
Bpsych (Hons)

Alana Crimeen
Cert IV Bus, BAppSc (Equine Studies), MSc (Brain and Mind Sciences)

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Charmaime Rodricks

Joan Silk
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Siggi Zapat
BPsych (Hons), PhD Candidate

EMPLOYED BY THE SCHOOL OF PUBLIC HEALTH AND COMMUNITY MEDICINE

PROFESSOR

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

Professor John Hall
MBBS (UNSW), MTH (UQld), PhD (USyd), FACRRM, FAFPHM

SENIOR LECTURER

Kylie Vuong
BSc(Med), MBBS(UNSW), MIPh(Syd Uni), FRACGP, FPA Cert GP

CONJOINT STAFF

Ben Cave
University of Strathclyde

Dr Elizabeth Denney-Wilson
University of Technology Sydney (to University of Sydney in May 2017)

Dr Sarah Dennis
University of Sydney

Dr Rebekah Grace
Macquarie University

Dr Patrick Harris
Sydney University

Dr Andrew Knight
South Western Sydney Local Health District

Dr Rachael Laws
Deakin University

Professor Jean-Frederic Levesque
Agency for Clinical Innovation

Dr Winston Lo
Western Sydney University

Cathy O’Callaghan
South-Eastern Sydney Local Health District

Jude Page
Sydney Local Health District

Dr Joel Jin-Oh Rhee
Notre Dame University

Dr Heike Schutze
University of Wollongong

Dr Timothy Shortus
Broadway General Practice

Sarah Simpson
World Health Organization

Dr Michael Tam
South Western Sydney Local Health District

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

Dr Qing Wan
Minto Family Medical Centre

Dr Anna Williams
The University of Notre Dame Australia
Research projects active in 2017 are listed below by stream. The chief investigator is named first, in bold. The source of funding is given in brackets. For further details of projects, please see our website (www.cphce.unsw.edu.au)

PREVENTION AND MANAGEMENT OF CHRONIC DISEASE STREAM

Long term Chronic conditions are the major causes of morbidity and mortality in Australia and world-wide. These include cardiovascular disease, diabetes, chronic respiratory disease, arthritis, mental illness and cancer. Our research is focused on prevention, early detection and management of these conditions in primary health care. We are particularly concerned with the needs of vulnerable and disadvantaged groups who are less able to prevent illness or self-manage their health. A major focus has been on tailoring our interventions to patients’ culture and health literacy and developing health literacy in disadvantaged groups. Our interventions include innovative models for the roles of health care providers, digital health, and tools to facilitate integration of care across primary and specialist or hospital services.

CHRONIC DISEASE MANAGEMENT

This program focuses on improving the quality of care and outcomes for a range of chronic diseases in primary health care including diabetes, chronic respiratory and cardiovascular disease, cancer and the physical health of patients with severe mental illness and drug and alcohol dependence. The theoretical basis of this work includes the expanded chronic illness model which identifies the support systems and organisation required for optimal patient centred care including new roles for primary care providers especially practice nurses and community health workers, new tools for patient self-management including m-health and e-health interventions, decision support and information systems.

PROJECTS

- Electronic shared care plan for long term care of cancer patients: Translational Cancer Research Network (TCRN)
  - Research Team: Mark Harris, Jane Taggart, Melvin Chin, Andrew Knight (SWSLHD), John Lewis, Winston Liaw (St George), Kate Webber (POW)

- Decision support for cancer shared care. (TCRN)
  - Research Team: Mark Harris, Jane Taggart, Kylie Luong, Kate Webber (POW)

- Culturally appropriate diabetes care in mainstream general practice for urban Aboriginal & Torres Strait Islander people (NHMRC)
  - Research Team: Slaw-Tong Liaw, John Purkis (Department of GP, University of Melbourne), Margaret K&auml;laher (Onemda VicHealth Koori Health Unit, University of Melbourne), Phyllis Lau (Department of GP, University of Melbourne), Priscilla Margaret Pitt (Monash University), Kevin Rowley (Onemda VicHealth Koori Health Unit, University of Melbourne)

- IMPACT study (See PHC and Integration stream). South West Sydney Learning Innovation Partnership Trial. Access to self management support for patients with type 2 Diabetes. (SWSPHN, SWSLHD)
  - Research Team: Mark Harris, Shoko Saito, Catherine Spooner, Amy Prince (SWSPHN), Marija Moretti (SWSPHN), Diana Misovic (SWSLHD)

- Diabetes management in the community: Evidence check. (Agency for Clinical Innovation, Sax Institute)
  - Research Team: Mark Harris, Nighat Faruqi, Terry Findlay, Sharon Parker, Louise Parker, Kevin Harris-Ross, Jane Taggart, Catherine Spooner

- Preventing chronic disease in patients with low health literacy using e-health and teamwork in primary health care (NHMRC)
  - Research Team: Mark Harris, Sla-Wong Liaw, Catherine Spooner
PREVENTION OF CHRONIC DISEASE

Our research in prevention has focused on the behavioural risk factors (smoking, nutrition, alcohol, physical activity) and the physiological risk which predisposes to chronic disease (obesity, hypertension, dyslipidaemia, pre-diabetes, and overall cardiovascular risk). We have developed and evaluated interventions based on the 5As framework (Assess, Advise, Agree, Assist, Arrange) in children and adults. A particular focus is on the Royal Australian College of General Practitioners management of overweight and obesity and preventive care for disadvantaged groups with low health literacy. Our work has been translated into guidelines and programs conducted by state health, local health districts and primary health networks.

PROJECTS

- Electronic Activity Monitoring Systems (EAMS) as a primary healthcare intervention for promoting physical activity in obese patients
  Research Team: Tejas Kahheres, Mark Harris
- HeLP-GP Preventing chronic disease in patients with low health literacy using e-health in general practice (NHMRC)
  Research Team: Mark Harris, Karen Campbell (Deakin University), Ian Caterson (University of Sydney), David Crawford (Deakin University), Upali Jayasinghe, Annie Lau (Macquarie University), Saw-Tong Liew, Louise Parker, Marlay Noakes (Adelaide University), Don Nutbeam (University of Sydney), Sharon Parker, Nigel Stocks (Adelaide University), Elizabeth Denney Wilson (UTS), Nick Zwar (UNSW/UoW)
- Assessment and management of overweight in young children
  Research Team: Elizabeth Denney Wilson, Mark Harris
- Consumer Navigation of Electronic Cardiovascular Tools – the CONNECT study (The George Institute)
  Research Team: David Peiris (George Institute), Mark Harris, Sharon Parker
- Prevention of physical illness in patients with severe mental illness
  Research Team: Ben Harris-Roxas, Mark Harris, Sharon Parker, Catherine Spooner, Jane Taggart

HEALTH CARE SYSTEM INTEGRATION AND PRIMARY HEALTH CARE DEVELOPMENT STREAM

Integrated Care was a major focus for the NSW Health System in 2017 for the Ministry, Pillars, Local Health Districts, and Primary Health Networks. During the year we worked through our research hubs to support a range of integration activities and research projects. Together with SESLHD, the NSW Agency for Clinical Innovation, and CHERE (UTS) we co-hosted fora on evaluating integrated care (with Dr Lorraine Busetto, Tilburg University, the Netherlands) and the Patient Activation Measure (with Prof Judith Hibbard, University of Oregon, U.S.A.).

PROJECTS

- Evaluation of the SESLHD Integrated Care Strategy (SESLHD)
  Research Team: Ben Harris-Roxas, Terry Findlay, Mark Harris, Sue Kirby, Karen Edwards, David Lyle
- Research on carers’ information needs (SESLHD)
  Research Team: Ben Harris-Roxas, Tessa Wood
- IMPACT CRE (APMChI, CIHR)
  Research Team: Mark Harris, Gwaine Powell Davies, Jean Frederic Levesque, Teng Liaw, Ben Harris-Roxas, Sharon Parker, Hyun Song, Louise Thomas
- Central and Eastern Sydney Primary and Community Health Data Linkage Resource (SLHD, SESLHD, CESPHN)
  Research Team: Margo Barr, Elizabeth Comino, Kathy Clinch (SESLHD), Deb Donnelly (SLHD), Shona Dutton (CESPHN), John Hall, Elizabeth Harris, Mark Harris, Ben Harris-Roxas, Tony Jackson (SESLHD), Jane Lloyd, Belinda Mico (CESPHN), Liam Shanahan (CESPHN), Kyle Vuong, Heidi Welberry
- Use of patient activation measure as a QI tool to support more patient centred care (SESLHD)
  Research Team: Ben Harris-Roxas, Mark Harris, Tessa Wood
- Advance Care Planning for patients with advanced illnesses attending hospital outpatient clinics (SESLHD)
  Research Team: Joel Rhee, Ben Harris-Roxas, Karolina Kryslmaka, Kate Marshall
- Integration of care delivery between general practice and emergency department services in Liverpool (SWSPHN)
  Research Team: Andrew Knight, Serena Aytes, Vitor Rocha, Bisbyh Marcus, Paul Middalton, Amy Prince
- Integrating Cancer Survivorship Care with General Practice through improved communication (SWSPHN)
  Research Team: Andrew Knight, Ivana Duricinovska, Aatif Girgis
- Exploring a Community of Practice for General Practitioners in Fairfield (SWSPHN)
  Research Team: Andrew Knight, Jennifer Giean, Mark Harris, Yin Li, Joseph Nicholas, Hyun Song, Zahra Rassoul Obayd
HEALTH ENVIRONMENT STREAM

Since the publication of the new CPHCE Strategic Plan in early 2017 the Centre is working across themes and hubs to advance research, policy, practice and evaluation in the area of health environment.

Traditionally the label attached to this field of interest is ‘health and built environment’ or ‘healthy urban planning’. CPHCE deliberately frames its focus on health environment, including (and not necessarily limiting itself to) the built, social, natural and corporate environment.

CPHCE and its hubs SEaRCH, HERDU and CHETRE are currently active across the service areas of three local health districts and dozens of local government authorities in the greater Sydney area. Although particular developments are unique to the local environment, they share common challenges of urban renewal and expansion, densification of populations and infrastructure, and meeting a range of service challenges that include literally all social determinants of health and health equity.

In its work with Local Health District patrons all hubs provide input into public exhibitions and consultation rounds that are statutorily required around major infrastructural change. For instance, CHETRE works with SWSLHD on the planning for the Sydenham to Bankstown Urban Renewal Corridor and works across sectors and stakeholders to develop a vision for a Healthy Airport in Western Sydney. In 2017 HERDU coordinated a Health Impact Assessment on the Green Square Draft Infrastructure Strategy and Plan with input from SLHD, the City of Sydney, CPHCE and community organisations. The redevelopment of Waterloo is likely to have many health impacts for marginalised populations. The development involves the renewal of public housing and the introduction of social mix based on housing tenure. The development is expected to occur over 15 to 20 years and therefore it will be important to conduct a number of research activities and EFHIAs over the lifespan of the development. SEaRCH is contributing to the South Eastern Sydney Local Health District place-based initiatives for equity and wellbeing in Maroubra.

PROJECTS

Developing a Health Impact Assessment policy and implementation strategy for Wollondilly Shire Council (SWSLHD)
Research Team: Fiona Haigh, Alana Crimeen, Karla Jaques

Linkage Development Support (UNSW)
Research team: Evelyne de Leeuw

Liverpool Hospital Entrance Redevelopment Evaluation (SWSLHD)
Research team: Evelyne de Leeuw, Melissa Bernstein, Fiona Haigh, Andrew Reid, Siggi Zapart

Working with Councils Health Impact Assessment Learning by Doing Training and Support (SWSLHD)
Research team: Fiona Haigh, Alana Crimeen, Karla Jaques

Housing and Health partnership: Objective One Working Group Evaluating Housing Relocation Services in South Western Sydney Stage one (SWSLHD)
Research team: Fiona Haigh, Melissa Bernstein, Alana Crimeen, Suzanne Ingram

A literature review to support place-based interventions in areas of locational disadvantage (SWSLHD)
Research team: Fiona Haigh, Melissa Bernstein, Alana Crimeen, Siggi Zapart

Linkage Development Support (UNSW)
Research team: Evelyne de Leeuw

Healthy Airports Stage 2 (SWSLHD)
Research Team: Evelyne de Leeuw, Alana Crimeen, Fiona Haigh

HIA on Badgery’s Creek Airport stakeholders’ engagement plan (SWSLHD)
Research Team: Katie Hiorno, Ben Harris-Roxas, Cesar Calalang (SWSLHD), Stephanie Fletcher-Laroty (SWSLHD), Fiona Haigh, Karla Jaques, Elizabeth Millen (SWSLHD)

Structured review to inform the development of a Vision Statement for Healthy Airports (SWSLHD)
Research Team: Ben Harris-Roxas, Alana Crimeen, Katie Hiorno

Health Impact Assessment training and technical support (VicHealth)
Research Team: Fiona Haigh, Alana Crimeen, Karla Jaques

Equity focused health impact assessment workshop (SESLHD)
Research Team: Fiona Haigh, Ben Harris-Roxas, Karla Jaques
ACTION FOR EQUITY STREAM

Health equity means that everyone has a fair opportunity to enjoy good health and to access the health services they need. Inequities arise when there are systemic differences in health status, health risks, access to health care between groups that are avoidable and unfair. Taking action to address inequities is core to the work of CPHCE and its hubs SEaRCH, HERDU and CHETRE. Each of the hubs have an equity focus which is also testament to the Local Health Districts who are committed to providing high quality health services to those patients who need it most and to working with government and non-government agencies to create environments that are conducive to health for all. Health Impact Assessments (HIA) are one of the tools that can be used to generate action to address health inequalities. In addition to the equity work in the hubs, CPHCE hosted training on the Innov8 model developed by WHO, an approach to review national health programs, in relation to sustainable development goals.

PROJECTS

Ways of Thinking Ways of Doing (WoTWoD) cultural respect in general practice (In collaboration with Gandangarra Local Aboriginal Land Council Local Aboriginal Organisations) (SWSLHD)
Research Team: Siaw-Teng Liaw, Mark Harris, Iqbal Hasan

Evaluation of a cervical screening project to increase participation rates of Nepalese and Bangladeshi Women (Cancer Institute NSW)
Research Team: Julie McDonald, Rachael Kasams

Can Get Health In Canterbury (SLHD, CESPHN)
Research Team:
Siaw-Teng Liaw, Mark Harris, Iqbal Hasan, Gordon Chia, Gisselle Gallego, Paula Caffrey, Nathalie Hansen (PHN), Elizabeth Harris, Mark Harris, Barbara Hasakkshaw (PHN), Renee Morston (SLHD), Miranda Shaw (SLHD), Marilyn Wise

Establish Bi-Lingual Community Educator program (CESPHN)
Research Team: Jane Lloyd, Brenda Goodger, Elizabeth Harris, Annette Riley, Ben Harris-Roxas, Renee Morston, Lisa Woodland

The OPTIMISE project: Collaborative improvement of primary health care delivery to the Australian refugee community (SWSLHD)
Research Team: Mark Harris, Lisa Atkins (RHS), Winston Lo (WSU), Keith McDonald (SWSPHN), Tadgh McMahon (SSI), Marija Moretti (SWPHN), Amy Prince (SWPHN), Aminah Rajput (SSI), Shoko Saito, Mitchell Smith (SWSLHD), Hyun Song

Barriers and enablers to access to primary care for Syrian Refugees in SW Sydney (SWSLHD)
Research Team: Mark Harris, Winston Lo (SWSLHD), Agata Wangaran (IIP)

Caring for refugee patients: The use of interpreters in primary care
Research Team: Mark Harris, Kim Griswold (University of Buffalo), Fern Hauck (University of Virginia), Anna MacFarlane (University of Limerick), Kevin Pottie (University of Ottawa)

A Literature Review of community-based approaches that reduce the risk of potentially preventable hospitalisations (SWSLHD)
Research Team: Fiona Haigh, Melissa Bernstein, Karla Jaques, Siggi Zapiant

Latrobe Health Innovation Zone Charter (DHHS-VIC)
Research Team: Evelyne de Leeuw

Data Governance Protocol: Decolonising Research Practices
Research Team: Suzanne Ingram, Kaniz Fatema, Alex Brown (SAHMRI), Oodette Pearson (SAHMRI), Ben Harris-Roxas, Karen Beaton (SWSLHD), Tim Croft (SESILHD)
INFORMATICS AND eHEALTH STREAM

In 2017, the Primary Care Informatics and eHealth stream continued to work within the CPHCE footprint (SW Sydney, SE Sydney, and Sydney Local Health Districts and Primary Health Networks) and also worked closely with the WHO Collaborating Centres on eHealth, also headed by Professor Liaw, and based in the UNSW School of Public Health & Community Medicine. Professor Liaw continues also to be a Chief Investigator in the NHMRC Centre for Research Excellence in eHealth (ehealth.edu.au), which is now established as the NHMRC CRE on Digital Health (2018-2022), with CIs from University of Melbourne, University of Sydney, Bond University and the CSIRO.

We continue to work with international collaborators and their teams, including:
- Quality of observational and real world Evidence captured in EHRs with Professor Simon de Lusignan (University of Surrey) and Professor Michael Kahn (University of Colorado),
- Sociotechnical implementations with Professor Craig Kuziemsky (University of Ottawa),
- Ethical, legal & social issues with Professors Bonnie Kaplan (Yale University) and Ken Goodman (Miami University)

Going forward, the primary care informatics and eHealth stream will grow this research area in close collaboration with the WHO Collaborating Centre on eHealth.

RESEARCH AND DEVELOPMENT HUBS

CPHCE has research and development hubs located in our three neighbouring Local Health Districts: Sydney, South Eastern Sydney and South Western Sydney. Each hub is a joint venture between the University and the Local Health District with a formal agreement, an advisory committee and joint funding. The work in each hub reflects the needs and opportunities within its Local Health District, with all involved in research and evaluation, research translation, education and capacity building in health services and advocacy for equity and building partnerships between Local Health Districts and Primary Health Networks.

SOUTH EASTERN SYDNEY RESEARCH COLLABORATION HUB (SEaRCH)

The South Eastern Sydney Research Collaboration Hub (SEaRCH) was established in 2015 as a partnership between CPHCE and the South Eastern Sydney Local Health District. SEaRCH continued to build its programs of research on chronic disease and multi-morbidity, integrated care, oral health, and priority populations.

2017 was a year of change and renewal for SEaRCH. A/Prof Ben Harris-Roxas succeeded Dr Julie McDonald as Director following her retirement, and Tessa Wood took over from Rachael Kearns as Research Officer. SEaRCH also welcomed the appointment of Dr Cathy O’Callaghan and Ms Claire Phelan as conjoint academics of the Centre. Their expertise in multicultural health research and oral health, respectively, significantly enhanced SEaRCH research capability and links with the District.

SEaRCH secured more than $350,000 in research funding in 2017, for research on topics including:
- the use of app translation in healthcare settings
- integrated care
- oral health
- carer’s information and technology needs
- extended family caregiving arrangements and its relationship to child development and school readiness
- water pipe use in Arabic speaking communities
- participation in cancer screening programs amongst priority populations
- the use of the Patient Activation Measure (PAM) to improve quality of care in three clinical settings in SESLHD.

SEaRCH was active in a range of research, teaching and capacity building activities in 2017, including:
- convening the Principles and Practice of Primary Health Care course (PHCM9615) and guest lecturing in five other courses within the UNSW Master of Public Health and Master of Health Management programs
- participating in the establishment of the Central and Eastern Sydney Bilingual Community Education Program, which is funded through a partnership between SESLHD, SLHD, and CESP
- participating in SESLHD, CESP and Agency for Clinical Innovation steering committees, working groups and networks on topics including integrated care, liaison between general practice and specialist alcohol and other drug services, primary health care, and health justice partnerships.
CENTRE FOR HEALTH EQUITY TRAINING, RESEARCH AND EVALUATION (CHETRE)

CHETRE has been operating in South Western Sydney since the mid-1990s and has been a part of CPHCE since its inception. It now has three research streams: Indigenous health (the Gudaga suite of research programs), decision support tools (HITs) and engagement with locally disadvantaged communities. The Communities and Populations research program has continued to work closely with Population Health in SWLHD, with:

- developing a healthy airport concept paper
- developing an Equity Strategy for SWLHD
- planning and delivering a forum on alcohol related harm
- participating in steering groups for the SWLHD and SWPHN Joint Needs Assessment and Campbelltown - Changing our Future: a whole of systems approach to childhood obesity in south western Sydney
- carrying out an evaluation of the Liverpool Hospital Entrance Redevelopment
- conducting research on health considerations in local government planning in Wollondilly Shire Council
- developing a long-range retrospective study of locational disadvantage data, methodologies and programme logic/ theory with a view to ‘scale wide’ from current hotspots to new areas
- working with the Housing and Health Partnership to map the housing relocation process and identify points of intervention
- developing a Learning by Doing Health Impact Assessment training for Population Health study and key stakeholders.

HERDU enabled.

HEALTH EQUITY RESEARCH AND DEVELOPMENT UNIT (HERDU)

Health Equity Research and Development Unit (HERDU) is a unit of Sydney Local Health District (SLHD) and a research hub of the Centre for Primary Health Care and Equity (CPHCE) at UNSW Australia. HERDU works with SLHD staff, partners and with communities to identify health inequities and improve the health of groups of people who do not have opportunities to receive the health care and resources they need to be as healthy as others in the population. It does so through the research, service development and education programs that it leads and by supporting existing SLHD services, programs and process. HERDU’s contribution can therefore be thought of both in terms of what HERDU does and in terms of what HERDU enables.

HERDU has led several events, programs and projects, and developed a variety of resources. In 2017 this included the running of the SLHD EquityFest, the development of the Equity Framework and the development and implementation of the Equity Challenge. The inaugural SLHD EquityFest was held on 10 March 2017, with over 250 attendees from SLHD, other government sectors, community organisations, non-government organisations and community members. It will now be an annual event to progress the equity agenda through partnership.

The SLHD Equity Framework highlights the evidence base for how to address equity and includes examples of the work that SLHD is already doing in this area. The Equity Challenge is an ongoing program that aims to develop capacity and skills among staff and partner organisations to identify and address equity issues. In 2017, a share of $30,000 was awarded to three teams to develop their project ideas and learn valuable skills to identify and address health inequities in their services.

Service development initiatives include the establishment of the Bilingual Community Education (BCE) Program across SLHD, South Eastern Sydney Local Health District (SESLHD) and Central and Eastern Sydney Primary Health Network (CESPHN). The BCE Program is providing community-based education programs with Mandarin, Cantonese and Bengali for multilingual communities focusing on health, chronic disease management and prevention, and capacity building, including health workforce development.

HERDU has led several research projects. Can Get Health in Canterbury (CGHC) is a place-based intervention that aims to improve health and reduce inequities for marginalized culturally and linguistically diverse populations in the Canterbury region. Over the last year CGHC has undertaken a range of activities that address: child, family and women’s health, mental health, chronic disease management and prevention, and capacity building, including health workforce development.

The CESPHN funded a qualitative research study to better understand the reasons families attend Canterbury Emergency Department (ED) after-hours, with a focus on access to General Practitioners (GPs) and ED for newly arrived migrant parents with young children. A round table seminar was held at Canterbury Hospital to present the study findings and identify practical steps to support CALD parents in the Canterbury area.

SLHD funded the pilot walking interviews and patient experience survey which was co-designed and administered in language by Bilingual Community Educators. The pilot study was completed in November 2017 and the findings were presented to the General Manager of Canterbury Hospital. A larger study is currently being designed to develop, implement and evaluate an intervention to increase the organisational health literacy of two inner urban district health services, in partnership with Canterbury Hospital, SLHD, the Australian Commission on Safety and Quality in Healthcare, and Fairfield Hospital, South West Sydney LHD.

HERDU conducted training with partners engaged in the Child Health and Well-Being Partnership to identify ways to increase the effectiveness of inter-organisational partnerships to resolve complex social problems. This work is being complemented by updating our publication “Working together: intersectoral action for health” (a guide for organisations), including the analysis of contemporary illustrative case studies involving the health and other social sectors.
Evelyne de Leeuw

RESEARCHER PROFILE

Since 2015 I have the best job I’ve ever had in an otherwise already colourful career. I am the Director of the Centre for Health Equity Training, Research and Evaluation (CHETRE), CPHCE and Professor in the Faculty of Medicine of UNSW Sydney. I have the pleasure and privilege to do what I think academia should be all about: to work with real people to figure out real solutions to real problems.

My journey to CHETRE led through half a dozen of universities in The Netherlands, the USA, Canada, Denmark and Australia. I have also worked with friends and colleagues in research and practice in even more exotic places like El Salvador, Kazakhstan, Japan and Korea. Although many friends and neighbours express envy at my professional restlessness it is the burden of curiosity that keeps me on the move.

I had the career-shaping pleasure of studying, some ago, at a new and revolutionary university in The Netherlands, in Maastricht. In compensation for the closure of the coal mines of the country in the 1970s (and I am avoiding reflections on the current carbon-based political economy in Australia…) the Dutch government established a university that should do everything different. It started with a medical school that used problem-based and community-driven learning to radically shift the health care discourse and, soon added an incubator faculty where strange new programmes were launched, including something called ‘health sciences’. I was one of the first students there and discovered a fantastically intriguing world of health critique and an embrace of relatively revolutionary concepts like the Alma Ata Declaration – and was eventually able to attend one of those events myself when I took part in the crafting of the Ottawa Charter for Health Promotion in 1986.

The Ottawa Charter in a way became my gospel. I decided to devote my PhD research to its action area ‘Build Healthy Public Policy’ and wanted to know whether a nation-state could really build healthy public policy. The answer, after four years of inquiry, was ‘no’. Jorid Kikkbusch, the mother of the Ottawa Charter, probably knew that already when together with that statement she helped launch the Healthy Cities movement. Building Healthy Public Policy (these days ‘Health in All Policy’) is eminently feasible at the local level. And that is how I ended up becoming a research expert in Healthy Cities around the world – especially in trying to apply the body of knowledge from political science, public administration, and management to health promotion in local government.

Since 1989 I have consistently published theoretical, methodological and practical work in health political science and on Healthy Cities in journals like The Lancet, Social Science and Medicine, the European Journal of Public Health and Health Promotion International. Eventually I even qualified to become the Editor-in-Chief of the latter. I also wrote the odd book or two on these topics and seem to have arrive on a new plane where I’m no longer editing single articles or books, but entire book series (such as The Palgrave Studies in Public Health Policy Research Series) or encyclopaedias (with John Ashton and Trevor Hancock – the Oxford Encyclopaedia on Healthy Cities and Communities).

CHETRE, however, is the place that really inspires me. We work at the interface of the (South Western Sydney) Local Health District, local government, university, and many other stakeholders. I am very pleased that we branch out into community development, really at the coalface, in the Miller neighbourhood. But also with our collaborative efforts with Housing NSW, an agency of the NSW Department of Family and Community Services (FACS), one of the largest providers of social housing in the world. With them we look at health dimensions of their work. And I am absolutely fascinated to be able to work with local and global stakeholders around our ‘Healthy Airports’ work related to the new airport in our Liverpool backyard.

In 2017, the Centre awarded top up scholarships of $5,000 per annum to one staff on PhD of less than $25,000 per annum. Other higher degree candidates are listed later in the report.

SCHOLARSHIPS

Hyun Song UNSW Tuition Free Scholarship (TFS) + Stipend 2016-2019

*Also received CPHCE top up for lower paying PhD scholarships

AWARDS

Mark Harris President’s award, North American Primary Care Research Group, Kansas USA

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 2017.

### 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, Katherine Hirono</td>
</tr>
<tr>
<td>Independent Learning Project – student placement</td>
<td>Mark Harris (supervisor), Michael Tam,</td>
</tr>
<tr>
<td>Phase 1 Clinical Teaching</td>
<td>Andrew Knight, Michael Tam, Siaw-Teng Liaw</td>
</tr>
<tr>
<td>Phase 2 Society and Health</td>
<td>Prof Siaw-Teng Liaw, Michael Tam</td>
</tr>
<tr>
<td>Phase 3 Primary Care</td>
<td>Prof Siaw-Teng Liaw, Michael Tam, Andrew Knight</td>
</tr>
<tr>
<td>A career in health promotion</td>
<td>Evelyne de Leeuw (guest lecturer)</td>
</tr>
<tr>
<td>Determinants of health</td>
<td>Evelyne de Leeuw (guest lecturer)</td>
</tr>
<tr>
<td>Health Literacy in Primary Health Care</td>
<td>Jane Lloyd (guest lecturer)</td>
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</tbody>
</table>

### 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 PHCM9628</td>
<td>Katherine Hirono (coordinator), Fiona Haigh (coordinator), Marilyn Wise (lecturers), Ben Harris-Roxas (guest)</td>
</tr>
<tr>
<td>Inequalities in Health PHCM9626</td>
<td>Elizabeth Harris, Jani Lloyd (coordinator), Evelyne de Leeuw, Katherine Hirono, Jodi Pagli, Pat Selby-Hamilton, Hyun Song, Marilyn Wise</td>
</tr>
<tr>
<td>Prevention and management of chronic disease PHCM9129</td>
<td>Mark Harris, Helke Schütze (coordinators), Elizabeth Denney-Wilson, Sarah Dennis, Mary-Beth MacIsaac, Catherine Spooner, Jane Taggart (lecturers), Ben Harris-Roxas (guest)</td>
</tr>
<tr>
<td>Principles and Practice of Primary Health Care Services in the Community PHCM9615</td>
<td>Ben Harris-Roxas (coordinator), Mark Harris, Jane Lloyd, Julie McDonald, Gawaine Powell Davies (guests)</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>Foundations in Public Health &amp; Health Care Systems PHCM9641</td>
<td>Ben Harris-Roxas, Evelyne de Leeuw</td>
</tr>
<tr>
<td>Development human rights and health</td>
<td>Fiona Haigh</td>
</tr>
<tr>
<td>Environmental Health PHCM9612</td>
<td>Ben Harris-Roxas</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 – Wollongong</td>
<td>Helke Schütze (coordinator and lecturer)</td>
</tr>
<tr>
<td>How to do HIA in a nutshell – Wollongong</td>
<td>Katherine Hirono (guest lecturer)</td>
</tr>
<tr>
<td>Environmental Health ENV8819 – Macquarie</td>
<td>Ben Harris-Roxas (guest)</td>
</tr>
<tr>
<td>Lifespan and Health – Social Work UNSW</td>
<td>Annette Riley (tutor)</td>
</tr>
<tr>
<td>Culture, Identity and Diversity</td>
<td>Annette Riley (tutor)</td>
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<tr>
<td>Organisational Practice</td>
<td>Annette Riley (tutor)</td>
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</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, Michael Tam, 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>Improving access to quality health services to improve health equity: learning by Doing. Two-day intensive workshop and mentoring</td>
<td>Elizabeth Harris, Marilyn Wise, Helke Schütze, Telphia-Leanne Joseph</td>
</tr>
<tr>
<td>Health Impact Assessment Learning by Doing Training</td>
<td>Fiona Haigh and Katie Hirono (coordinators and lecturers)</td>
</tr>
</tbody>
</table>
**PHD STUDENT PROFILE**

My interest in research began during my time as a student research dietitian at the Children’s Hospital at Westmead. As part of my Master of Nutrition at Dietetics at the University of Sydney, I completed a research project looking at serum vitamin B12 concentration of overweight and obese children and adolescents with insulin resistance and/or pre-diabetes in Australia. This ignited my interest in research and academic work.

Shortly after, I was fortunate enough to begin my journey as a PhD student at CPHCE. The topic of my thesis was exploring the interaction between ethnicity and health literacy for weight management among obese Arabic-speaking immigrants in Australian primary health care. My PhD was nested within a cluster randomised controlled trial of weight management in general practice. It was participants and data from this trial that provided me with the core materials for my analysis, which was a combination of quantitative and qualitative data.

It was important to me that the topic needed to be relevant to primary health care. As a dietitian, I frequently deal with obesity and its management, so investigating a topic that could contribute in a small way to improving our understanding of weight management was a priority. Although I have completed my PhD, I still feel like my work is incomplete. I am keen to explore ways to translate my work into the primary health care setting to truly make a difference.

Since completing my PhD I have been lecturing in nutrition and public health subjects at The University of Technology, Sydney and Western Sydney University.

I am indebted to a group of people whom without their significant contribution, guidance and support this PhD would not have been possible. Namely my supervisors, Professor Mark Harris, Dr Catherine Spooner, Dr Nighat Faruqi and Professor Elizabeth Denney-Wilson, as well as the staff at CPHCE.

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**INDEPENDANT LEARNING PROJECT (ILP) RESEARCH STUDENTS**

<table>
<thead>
<tr>
<th>Name</th>
<th>Thesis Title</th>
<th>Supervisor/Co-supervisor</th>
<th>Completion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agata N Wanigaratne</td>
<td>Barriers and enablers to Syrian refugees accessing primary care in South-West Sydney</td>
<td>Mark Harris, Winston Low</td>
<td>2017</td>
</tr>
</tbody>
</table>

*CPHCE Staff enrolled in post-graduate study*
Making a difference means using the results of our research to influence health and health care. In disseminating our findings, we go beyond publishing in academic journals and presenting at conferences. We work formally and informally with health departments, Primary Health Networks and Local Health Districts to support planning, implementing and reviewing policy and practice, with our research Hubs providing an important meeting place with Local Health Districts. Most of the students in our postgraduate courses in the Master of Public Health program are health professionals and others working in the primary health sector, and our workshops and seminars are directed towards health service as well as academic audiences.

Listed here are a number of the events conducted in 2017, including seminars, webinars, workshops and forums. We recognise the financial support of the NSW Ministry of Health through the Population Health & Health Services Research Support Program and the Prevention Research Support Program. These contribute significantly to our capacity to make these events accessible to staff of the NSW health system.

### CALENDAR OF EVENTS

<table>
<thead>
<tr>
<th>Name</th>
<th>Presenters</th>
<th>Date</th>
<th>Number of registration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning health promotion programmes</td>
<td>Prof Gerjo Kok&lt;br&gt;Gill ten Hoor&lt;br&gt;Prof Evelyne de Leeuw</td>
<td>28 February 2017</td>
<td>36</td>
</tr>
<tr>
<td>Risk Stratification – Research Directions in the Netherlands and Australia</td>
<td>Dr Arianne Elissen</td>
<td>28 March 2017</td>
<td>16</td>
</tr>
<tr>
<td>Work physical activity and health promotion</td>
<td>Prof Susanne Tittlbach</td>
<td>13 April 2017</td>
<td>14</td>
</tr>
<tr>
<td>Predictive Risk Modelling Project</td>
<td>Dr Tracy L. Johnson</td>
<td>18 April 2017</td>
<td>30</td>
</tr>
<tr>
<td>Building health literacy in GPs</td>
<td>Prof Gill Rowlands</td>
<td>11 May 2017</td>
<td>17</td>
</tr>
<tr>
<td>Opportunities and challenges of using routine clinical data for surveillance and quality improvement</td>
<td>Prof Simon de Lusignan</td>
<td>13 July 2017</td>
<td>47</td>
</tr>
<tr>
<td>Involve - Equity &amp; Commissioning Workshop</td>
<td>Sarah Simpson</td>
<td>2-3 August 2017</td>
<td>25</td>
</tr>
<tr>
<td>CPHCE Annual Forum</td>
<td>Prof Bill Randolph&lt;br&gt;Prof Mark Harris&lt;br&gt;Prof Peter Sainsbury&lt;br&gt;AProf Jane Lloyd&lt;br&gt;AProf Ben Harris-Roxas&lt;br&gt;Prof Tony Kallianer</td>
<td>16 August 2017</td>
<td>112</td>
</tr>
<tr>
<td>Learning by Doing Workshop - Equality Challenge Festival</td>
<td>AProf Elizabeth Harris&lt;br&gt;AProf Jane Lloyd&lt;br&gt;AProf Gwaine Powell&lt;br&gt;Douglas&lt;br&gt;Prof Mark Harris&lt;br&gt;Dr Richard Broome&lt;br&gt;Jude Pake&lt;br&gt;AProf Marilyn Wise&lt;br&gt;Dr Gisselle Gallego</td>
<td>30 - 31 August 2017</td>
<td>22</td>
</tr>
<tr>
<td>A conversation with Jenny Popay on narrative synthesis</td>
<td>Prof Jennie Popay</td>
<td>9 October 2017</td>
<td>51</td>
</tr>
<tr>
<td>The Big Local – Tackling Health Inequality: What can we learn from place based initiatives in the UK</td>
<td>Prof Jennie Popay</td>
<td>9 October 2017</td>
<td>127</td>
</tr>
<tr>
<td>Exploring the Patient Activation Measure</td>
<td>Judith Hibbard</td>
<td>5 October 2017</td>
<td>71</td>
</tr>
<tr>
<td>Evaluating Integrated Care</td>
<td>Loraine Busatto</td>
<td>23 November 2017</td>
<td>35</td>
</tr>
</tbody>
</table>
The CPHCE Annual Forum was held on 16th August 2017 at John Niland Scientia Building, UNSW Sydney.

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 who have assisted us in our research. It is also a networking opportunity where our staff can meet staff from our partner organisations.

Over 110 staff, research partners and colleagues from interstate attended this year’s Forum.

The Forum theme was “Health Environments”. Professor Bill Randolph (City Futures Research Centre, UNSW) discussed the links between public health and urban planning, Professor Peter Sainsbury (SWLHD) discussed Healthy Airports, and CPHCE staff described two Health Impact Assessment projects.

**2017 CPHCE ANNUAL FORUM**

**Individual Partnership Award**
Dr Greg Stewart, SESLHD

**Organisational Partnership Award**
NSW Refugee Health Service – Dr Mitchell Smith

**Health Impact Assessment Partnership Award**
Green Square Unit – Allison Heller
EVALUATING INTEGRATED CARE SEMINAR
23rd November 2017 at Boral Theatre, AGSM Building, UNSW

Integrated care has the potential to improve health outcomes, enhance patient experience, and increase cost effectiveness, but findings from evaluations have so far been mixed. This seminar presented the COMIC Model, a comprehensive model for evaluating of integrated care initiatives.

The COMIC Model seeks to:
1. analyse individual integrated care initiatives
2. enable comparison of integrated care initiatives in a systematic way.

The seminar was presented by Dr Loraine Busetto, scientific coordinator of the newly established Stroke Consortium Rhine-Neckar (FAST) at Heidelberg University Hospital.

LEARNING BY DOING WORKSHOP - EQUALITY CHALLENGE
30th - 31st August 2017 at Colonial theatre, AGSM Building, UNSW

The Sydney Local Health District Equity Challenge aims to develop capacity and skills among staff and partner organisations to identify and address equity issues. In 2017 a share of $30,000 was awarded to three teams to develop their project ideas and learn valuable skills to identify and address health inequities in their services. These include:

1. ‘Tidda-Links’: Connecting Aboriginal women with sexual assault and domestic violence services. This project is working with the Redfern Aboriginal Medical Service, community and SLHD services to tailor the service to the specific needs of Aboriginal women.
2. Peering Out: Peer Participation Program. People who inject drugs are at increased risk of a range of health, social and housing issues. Working with trained community based peers this project is providing information and support and aims to improve trust and access to quality health and support services.
3. Occupational therapy (OT) outreach for children and families in Canterbury: This project has taken essential OT services to some of the most disadvantaged and highest in need sectors in the community to address barriers to attending because of transport and other challenges.

INNOV8 - EQUITY & COMMISSIONING WORKSHOP
2nd-3rd August 2017 at Harbourview Hotel, 17 Blue Street, North Sydney

This workshop was attended by 16 people from SESLHD, SLHD and CESPHN. The aim was to introduce participants to the World Health Organisation innov8 program:

Innov8 is an eight-step review process developed by the World Health Organization (WHO) that examines the equity implications of policies and programs. It does this by identifying ways to make concrete, meaningful and evidence-based actions to make the health services programme more equity-oriented.

The principles and practice of commissioning has been introduced into the Australian primary health and social care sectors in recent years. Specific approaches have been adopted by Primary Health Networks and Local Health Districts are developing commissioning roles that will have significant equity implications.

This workshop aims to increase our knowledge of the Innov8 approach using commissioning as a current and important area of policy and practice focus.
### STAFF MEMBERSHIP OF EXTERNAL COMMITTEES

<table>
<thead>
<tr>
<th>Name</th>
<th>Membership</th>
</tr>
</thead>
</table>
| **Andrew Knight**     | - The Nepean Blue Mountains Primary Health Network  
- SWSLHD Cancer Services Governance Committee  
- Fairfield Hospital Clinical Council  
- Fairfield Hospital Research & Innovations Committee  
- NPS Medicinewise Board Director  
- The Improvement Foundation (APCC)  
- The Australian Commission on Safety and Quality in Healthcare Primary Care Committee |
| **Ben Harris-Roxas**  | - Member, Editorial Board of Impact Assessment and Project Appraisal  
- Member, Editorial Board of Environmental Impact Assessment Review  
- Associate Editor, BMC Public Health  
- Convener, Global Working Group on Health Impact Assessment, International Union for Health Promotion and Education  
- Member, NSW Committee, Australasian Evaluation Society  
- Judging panel, Health in All Policies Awards, Christchurch City Council and Canterbury District Health Board |
| **Elizabeth Comino**  | - Waran Warin Steering Committee  
- International Union for Health Promotion and Education (IUHPE), Global Working Group on Health Impact Assessment |
| **Elizabeth Harris**  | - Member, Ingham Institute Scientific Advisory Committee  
- Member, SWSLHD Population Health Division Executive  
- Member, SWSLHD Research and Teaching Committee  
- Editor-in-Chief, Health Promotion International  
- Editor, Palgrave Series in Health Political Science  
- Editor, OUP Encyclopaedia of Healthy Cities and Communities  
- Member of the Editorial Board, Global Health Promotion  
- Chair, Social Media and Responsive Technologies Committee IUHPE  
- Member, Global Scientific Committee IUHPE world conference  
- Member, Peer Review and Assessment Board, O’Brien Institute of Public Health, University of Calgary (Canada) |
| **Evelyne de Leeuw**  | - Member, Ingham Institute Scientific Advisory Committee  
- Member, SWSLHD Population Health Division Executive  
- Member, SWSLHD Research and Teaching Committee  
- Editor-in-Chief, Health Promotion International  
- Editor, Palgrave Series in Health Political Science  
- Editor, OUP Encyclopaedia of Healthy Cities and Communities  
- Member of the Editorial Board, Global Health Promotion  
- Chair, Social Media and Responsive Technologies Committee IUHPE  
- Member, Global Scientific Committee IUHPE world conference  
- Member, Peer Review and Assessment Board, O’Brien Institute of Public Health, University of Calgary (Canada) |
| **Gawaine Powell Davies** | - Primary Health Care Research Information Service Strategic Advisory Group |
| **Gisselle Gallego**  | - Western Sydney Local Health District Research Management Committee Meeting  
- Research & Development subcommittee (ACI Intellectual Disability Health Network)  
- National Disability Services  
- Ethics Committee Family Planning New South Wales |
| **Joan Silk**         | - Liverpool Community Drug Action Team |
| **Julie McDonald**    | - Primary Health Partnership Committee  
- SESLHD/CYPHE Research Hub Operations Committee  
- SESLHD Integrated Care Strategy Steering Committee |
| **Kaniz Fatoma**      | - Associate Editor, BMC Public Health |
| **Mark Harris**       | - Inner Western Sydney Medicare Local Board  
- Public Health Research and Practice Editorial Board  
- National Diabetes Data Working Group  
- NHMRC Alcohol Guidelines Group  
- NHMRC Prevention and Community Health Committee  
- NHMRC Mental Health and Parenting Working Committee  
- Primary Health Care Research, Evaluation and Development Strategy Advisory Committee  
- RACGP Quality Committee  
- RACGP Red Book Task Force  
- RACGP Smoking Nutrition Alcohol Physical Activity guide working group (Chair) |
| **Michael Tam**       | - SESLHD/CYPHE Research Hub Operations Committee SWSPHN Mental Health Advisory Committee  
- Fairfield Hospital Clinical Council  
- Fairfield Hospital Research & Innovations Committee  
- Fairfield Hospital General Clinical Training Committee  
- Society and Health design and Implementation Group  
- Primary Care Coursa DIS  
- Mental Health Network Executive Committee, NSW  
- Pharmacotherapy Advisory Group, Mental Health Commission of NSW  
- RACGP National Research Chief and Evaluation Ethics Committee |
| **Siaw-Teng Law**     | - SWSLHD Research & Teaching Committee  
- SWSLHD-SWSPHN Integrated Health Committee Member  
- SWSLHD Human Research Ethics Committee  
- Fairfield Hospital Clinical Council  
- NSW Acute Care Task Force  
- SWSLHD Research Ethics Committee Member  
- NPS Medicinewise, Data Advisory Committee  
- RACGP National research and Evaluation Ethics Committee (Chair)  
- WHO Collaborating Centre for Health (Chair)  
- MA Primary Care Informatics WG (Chair) |
| **Terry Findlay**     | - Chronic Care Network Executive Committee – Agency for Clinical Innovation  
- Primary Health Stakeholders Meeting – Agency for Clinical Innovation  
- SE and Central Sydney Primary Health Care Partnership Committee  
- HERDU Executive Steering Committee – Sydney LHD  
- InterRCH Operations Committee – SE Sydney LHD  
- Health Equity Alliance – NSW Council of Social Service  
- UNSW/Australian Council of Social Service Poverty & Inequality Initiative |
We collaborate with many different individuals and organisations. Some of our main partners in 2017 are listed below.

**UNSW**
- Biomedical Systems Research Laboratory, School of Electrical Engineering and Telecommunications
- Faculty of Law
- Faculty of Medicine Lifestyle Clinic
- Faculty of the Built Environment
- School of Public Health and Community Medicine
- Social Policy Research Centre
- Translation Cancer Research Network
- Ingham Institute for Applied Medical Research

**HEALTH DEPARTMENTS**
- Agency for Clinical Innovation (ACI)
- Australian Government Department of Health and Ageing
- Bureau for Health Information
- Hospitals Contribution Fund of Australia
- NSW Ministry of Health
- Victorian Department of Health
- Victorian Health Promotion Foundation

**LOCAL GOVERNMENT**
- Campbelltown Council
- Canterbury City Council
- Canterbury-Bankstown City Council
- City of Sydney
- Fairfield Council
- Liverpool City Council
- Randwick City Council
- Whittlesea Council
- Wollondilly Shire Council

**HEALTH SERVICES**
- Inala Aboriginal Health Service
- South Western Sydney Local Health District
- Sydney Local Health District
- Carrington Health
- Gandangarra Aboriginal Health Services, NSW
- South Eastern Sydney Local Health District
- Tharawal Aboriginal Corporation, NSW

**UNSW**
- Uniting War Memorial Hospital, NSW
- Western NSW Local Health District
- Western Sydney Aboriginal Medical Service

**OTHER GOVERNMENT DEPARTMENTS**
- Lakemba School as Community Centre (NSW Department of Education and Communities, as part of Families NSW)
- NSW Department of Education and Communities
- NSW Department of Family and Community Services
- Victorian Department of Education and Early Childhood Development

**PRIMARY HEALTH NETWORKS**
- Central and Eastern Sydney Primary Health Network
- South Western Sydney Primary Health Network
- Western NSW Primary Health Network

**NON-GOVERNMENT ORGANISATIONS**
- Australian Drug Foundation
- Ernst and Young
- Liverpool Migrant Resource Centre
- Ashcroft High School
- Australian Practice Managers’ Association
- Beyond Blue
- Cabramatta Community Centre
- Chronic Illness Alliance

**PARTNERS AND AFFILIATES**

**AUSTRALIAN UNIVERSITIES AND RESEARCH INSTITUTES**
- Australian National University
- Broken Hill University
- Flinders University
- LaTrobe University
- Macquarie University
- Monash University
- Sax Institute
- The George Institute
- University of Melbourne
- University of Adelaide
- University of Sydney
- University of Technology Sydney
- Western Sydney University

**NATIONAL**
- Australian Council of Social Services
- Australian Medicare Local Association
- The Royal Australian College of General Practitioners

**INTERNATIONAL**
- Denver Health and Hospital Authority, US
- Edinburgh University
- Institut National de Santé Publique du Québec
- International Union for Health Promotion and Education
- Seoul National University
- The Society of Practitioners of Health Impact Assessment
- Lancaster University
- Maastricht University
- Manchester University
- McGill University
- National Healthcare Group Polyclinics, Singapore
- Tilburg University
- University of Newcastle, UK
- University of Oregon
- University of Surrey
- Washington University in St. Louis
- World Health Organisation
Gerjo retired from his health education professoriate to become one of the foundation chairs of a new Faculty of Psychology in Maastricht, eventually assuming the position of Dean. His substantive research work, however, maintained a rigorous focus on planned health education and health behaviour change. He initiated, with US and Dutch colleagues, the establishment of the ‘Intervention Mapping’ work which is now, as a book, in its fourth edition. Intervention mapping is characterized by three perspectives: (1) A social ecological approach that recognizes that behaviour is a function of individuals and of the physical, social and organisational environments in which individuals live; (2) Participation of all stakeholders to ensure relevance, acceptability, contextual and cultural appropriateness, and implementability; and (3) the use of theories and evidence: problem-driven applied behavioural science refers to scientific activities that focus at changing or reducing a practical problem by using a multi-theoretical approach.

When asked by one of the participants to identify three highlights, or lessons learned, that are of particular relevance for planning interventions using IM, these were mentioned: (1) identifying the determinants of the target behaviour, taking into account the theoretical parameters while applying behaviour change methods, and making sure that the intervention is implemented as planned.
STATEMENT OF FINANCIAL PERFORMANCE
for the Year Ended 31 December 2017

<table>
<thead>
<tr>
<th>Notes</th>
<th>2017</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$000</td>
<td>$000</td>
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**Revenue**

<table>
<thead>
<tr>
<th>Description</th>
<th>2017</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research Revenue</td>
<td>$1,676</td>
<td>$2,071</td>
</tr>
<tr>
<td>Consulting/Commercial Activities</td>
<td>$9</td>
<td>$34</td>
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<tr>
<td>Other Research Revenue</td>
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<td>UNSW Contributions</td>
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<td>UNSW Medicine Contributions</td>
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<td>$752</td>
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<tr>
<td>Other Revenue</td>
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<td>$174</td>
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<td><strong>Total Revenue</strong></td>
<td>$4,373</td>
<td>$4,486</td>
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**Expenses**

<table>
<thead>
<tr>
<th>Description</th>
<th>2017</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>People Costs, oncosts &amp; other Staff Costs</td>
<td>$3,626</td>
<td>$3,773</td>
</tr>
<tr>
<td>Scholarship Stipends</td>
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<td>$77</td>
</tr>
<tr>
<td>Contract &amp; Consulting Services</td>
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<td>$269</td>
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<tr>
<td>Consumables</td>
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<td>$12</td>
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<tr>
<td>Travel</td>
<td>$88</td>
<td>$69</td>
</tr>
<tr>
<td>Equipment &lt; than $5,000</td>
<td>$16</td>
<td>$1</td>
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<tr>
<td>Other Expenses</td>
<td>$89</td>
<td>$91</td>
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<tr>
<td><strong>Total Expenses</strong></td>
<td>$3,943</td>
<td>$4,292</td>
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**Net Result before Depreciation**

<table>
<thead>
<tr>
<th>Description</th>
<th>2017</th>
<th>2016</th>
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<tbody>
<tr>
<td></td>
<td>$430</td>
<td>$194</td>
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</table>

**Net Result after Depreciation**

<table>
<thead>
<tr>
<th>Description</th>
<th>2017</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$430</td>
<td>-$191</td>
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