



Medicine, Nursing and Health Sciences

School of Public Health and Preventive Medicine

Annual Report 2012



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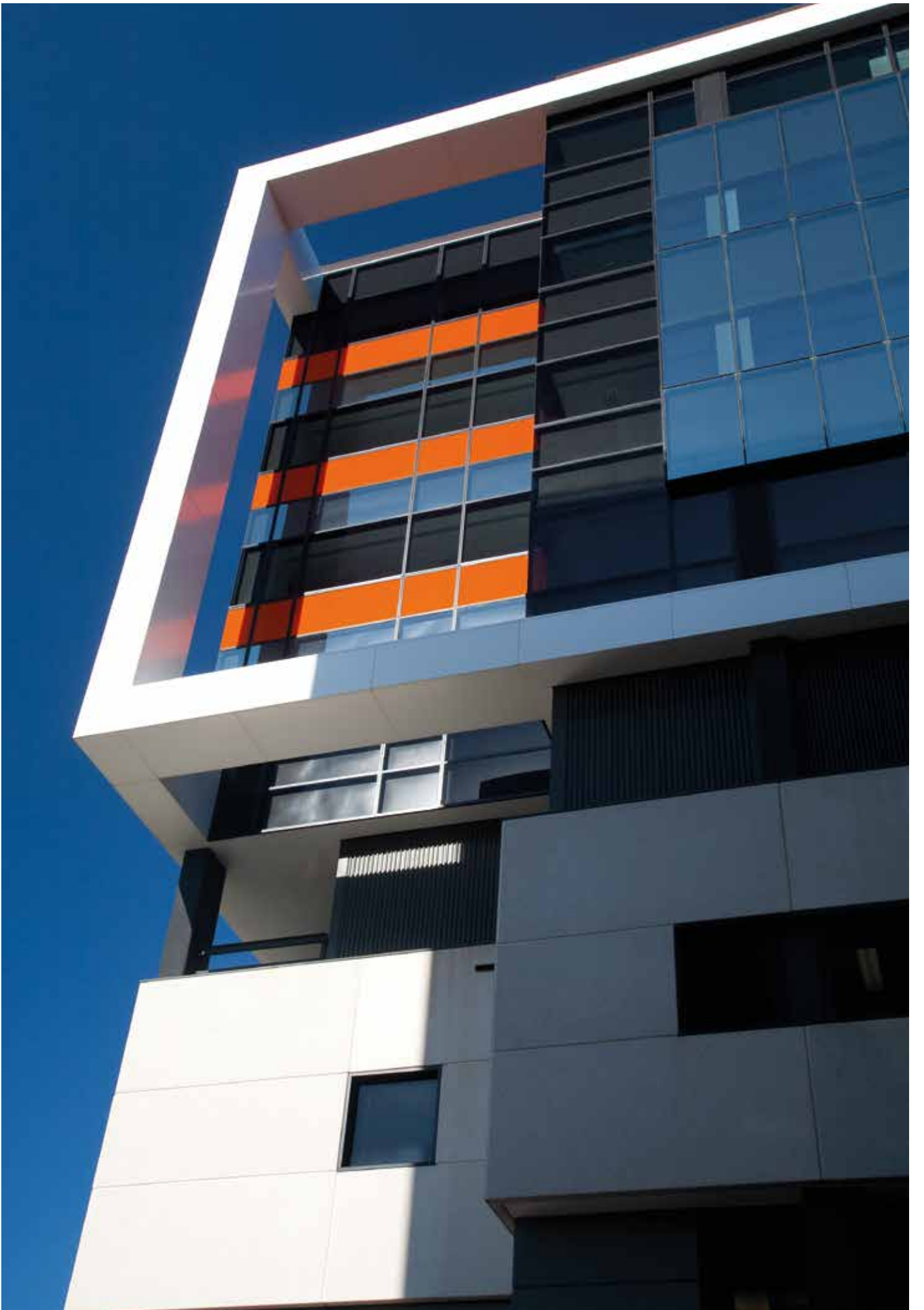
Australia

Cover Image:

Area surrounding the Alfred Centre

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From the Head of School



Professor John McNeil
(Head of School)

2012 has been another successful year for The School of Public Health and Preventive Medicine despite the tough financial climate. The School continued to carry out important applied clinical and public health research while continuing to enhance its teaching program.

We had another successful year in obtaining National Health and Medical Research Council (NHMRC) funding. Research income of \$28 million was generated from NHMRC, Australian Research Council (ARC), National Institute of Health (NIH) and other national and international funding bodies. \$11 Million was generated in NHMRC project grants. Associate Professor Damon Eisen, Professor Jane Fisher, Professor Kate Leslie, Associate Professor Yahya Shehabi, Dr Yuanyuan Wang and Professor Christopher Reid headed these project grants.

Our NHMRC success continued with Professor Jamie Cooper receiving funding for a Centre for Research Excellence (CRE) in patient blood management in critical illness and trauma. Associate Professor Sophia Zoungas was successful in securing funding from the NHMRC Partnership Grant Scheme to investigate better outcomes for patients with diabetes and chronic kidney disease.

I would like to offer my congratulations to the following NHMRC Fellowship recipients: Professor Helena Teede and Professor Jamie Cooper (awarded Practitioner Fellowships), Professor Christopher Reid and Professor Susan Davis (awarded Research Fellowships), Associate Professor Belinda Gabbe (awarded a Career Development Fellowship) and Dr Judy Lowthian (awarded an Early Career Fellowship).

Research conducted within the School continued to receive significant media interest. In particular, the study headed by Dr Deborah Glass, looking into cancer and death rates among the Country Fire Authority (CFA) members at the Fiskville base in Victoria received considerable publicity. ASPREE continued to attract attention from the media following a publication in *The Lancet* of studies linking aspirin to cancer prevention.

Our staff authored or co-authored more than 500 peer-reviewed journal articles, a number of which were published in high impact journals such as *The Lancet* and the *Journal of the American Medical Association*. My special congratulations go to Professor Andrew Tonkin, Professor Rinaldo Bellomo, Professor Rachelle Buchbinder, Associate Professor Belinda Gabbe, Associate Professor Michael Bailey, Professor Paul O'Brien and Associate Professor Wendy Brown, for their high profile publications during the year.

The School continued to grow and evolve, with the Jean Hailes Research Unit, headed by Professor Jane Fisher, moving to the Burnet building adjacent to the ASPREE site. 2012 also saw the creation of the new Monash Applied Research Stream (MARS), under the leadership of Professor Helena Teede, based at the Monash Medical Centre. This division will encompass Women's Public Health Research, Diabetes and Cardiovascular Disease Research, Centre of Clinical Effectiveness and Clinical Research Support Service Units. We anticipate strong further growth in this division over coming years.

SPHPM continued to develop and expand its teaching curriculum. Our flagship program, the Bachelor of Health Sciences, under the supervision of Associate Professor Catherine Joyce, attracted over 300 enrolments in 2012, a 24% increase on 2011. The program continued to grow with a number of students undertaking Honours research projects in different parts of the School. Postgraduate enrolments also continued to grow, with more than 250 students enrolled in 2012.

The School also recorded its highest number of PhD completions (19), reflecting the strength of our doctoral program.

Research Governance continues to play a strong role within the School. In 2012 we re-launched the new self-audit tool to allow efficient review of projects administered by the School. The School also launched a new on-boarding process to induct new staff into our research culture.

We welcomed several new staff members in 2012. We were particularly pleased to welcome Associate Professor Erica Wood, previously a blood transfusion specialist at the Australian Red Cross, who will now head the Transfusion Research Unit.

We farewelled 27 staff members whose contributions to our school have been greatly valued, included Dr Louise Phillips, Professor Helen Keleher and Associate Professor Caroline Brand. I wish them all the very best in their future endeavours.

I would like to thank our wonderful school administrative staff for their skill, patience and forbearance in supporting our work through 2012. Finally, I would like to express my gratitude to the senior staff of the School for their continuing support and outstanding contributions to our teaching and research activities.

Professor John McNeil AM
Head of School



Highlights for the Year

ASPREE Reaches New Heights



Monash Business Breakfast: ASPREE, a window on ageing, 6th September 2012. Photo includes Dr Evan Hadley (via video conference), Professor Alan Finkel, Prof John McNeil and Associate Professor Robyn Woods

ASPREE (**AS**pirin in **R**educing **E**vents in the **E**lderly) is investigating whether low dose aspirin can delay or prevent the onset of common age-related diseases such as cardiovascular disease, dementia and certain cancers in healthy people aged 70 and over. The trial aims to recruit 19,000 participants – 16,000 from Australia and 3,000 participants across the USA. ASPREE, an international collaboration between researchers, universities, general practitioners and the community, continued to reach new milestones throughout 2012.

The NHMRC funded **SNORE-ASA** (**S**tudy of **N**eurocognitive **O**utcomes, **R**adiological and **R**etinal **E**ffects of **A**spirin in **S**leep **A**pnoea), was launched in 2012, inviting the first of 3500 ASPREE volunteers across Victoria to participate. SNORE-ASA will help determine if sleep apnoea adversely affects concentration and memory in older people and if aspirin can help slow down associated changes in small blood vessels in the brain.

ASPREE also secured \$900,000 in funding in the 2012 NHMRC grant round, to determine whether treatment with low dose aspirin influences the incidence or the progression of age-related macular degeneration (AMD) in otherwise healthy older people. AMD is a major cause of visual impairment in developed countries, and is responsible for nearly half of all legal blindness in Australia. This sub-study will commence in 2013.

Further NHMRC equipment grants helped purchase a new mobile laboratory and a nitrogen tank to store biospecimens for the ASPREE Healthy Ageing Biobank.

Lead Investigator in Australia, Professor John McNeil, and the Executive Officer, Associate Professor Robyn Woods, were invited to the National Institutes of Health (NIH) supported inflammation symposium in August. During their visit they met with members of the National Cancer Institute and secured funding to investigate the association between aspirin and cancer prevention.

The US \$2.2 million funded **ACES** (**AS**PREE **C**ancer **E**ndpoint **S**tudy) will explore the potential mechanisms of aspirin's hypothesised cancer protective effect through the examination of DNA molecules. This sub-study will commence in 2013.

ASPREE hosted a successful Monash Business Breakfast at the Park Hyatt Hotel in Melbourne. Monash Chancellor, Professor Alan Finkel chaired the event, with presentations by Professor John McNeil and Associate Professor Robyn Woods. Dr Evan Hadley, Director of the Division of Geriatric and Clinical Gerontology with the National Institute on Aging (NIA), which funded the main ASPREE study, attended via videoconference.

ASPREE also hosted several morning teas to update participants, family and friends on the trial's progress. The events, which were held

across Victoria, the ACT and Tasmania were very well received and attended.

The ASPREE trial broadened its reach across Australia during 2012. Federal Minister for Health and Ageing, the Hon Mark Butler MP, officially launched the ASPREE Clinical Trial Centre in Adelaide. Another new centre in Albury/Wodonga will service the border region and southern NSW, while the trial made inroads into establishing a new site in Wollongong which will begin recruiting in 2013. ASPREE's regional sites are among the fastest growing recruitment areas, with country Victoria almost doubling participant numbers in 2012.

ASPREE Clinical Trial Centres have created new employment and training opportunities, developed working relationships with local health service providers and laid the foundations for future clinical research.

Website: www.aspree.org/AUS

National Study to Improve Workplace Practices of Firefighters



Fire fighting is an important occupation in Australia which involves more than 260,000 paid and volunteer personnel. In order to improve workplace practices and maximally protect firefighters from exposure to dangerous and toxic substances, it is important to understand the morbidity and mortality patterns of this workforce.

A study of Australian firefighters is currently being undertaken by the Monash Centre for Occupational & Environmental Health (MonCOEH). This retrospective cohort study has been commissioned by the Australasian Fire and Emergency Service Authorities Council (AFAC). Led by Associate Professor Deborah Glass, the national study is assessing cancer, mortality and other possible health outcomes in Australian firefighters.

The Australian Firefighters' Health Study is assembling a cohort of current and former firefighters by extracting data from existing computerised records held by nine participating firefighting agencies and the Department of Defence. The cohort of approximately 225,000 firefighters will include men and women, career, part-time and volunteer firefighters.

Cancer and mortality outcomes will be obtained through data linkage with the Australian Cancer Database and the National

Death Index. Existing historical occupational and incident data will be used to investigate any links between occupational firefighting and later cancer and death outcomes.

In 2012, MonCOEH commenced the data collection phase. Each agency was asked to provide essential information such as names, dates of birth and postcodes of firefighters, together with service history information such as job title, number and type of fires attended. Data has so far been received from 8 of the 10 participating organisations.

It is anticipated that the linkage to the Australian Cancer Database should be completed by the end of 2013, subject to all state and territory Ethics approvals and the agencies' data being received in a timely manner.

No previous published study has undertaken analyses based on contemporary exposure incident data, therefore the use of this data is likely to result in more refined exposure assessment methods than those previously used.

The study will give insight into differences in the overall cancer and death rates in Australian firefighters compared to those of the general population. The study will also compare cancer incidence and death rates for subgroups within the cohort, e.g. by agency, type of firefighter, duration of active

firefighting, types of incidents attended and other exposure types. It will help to identify exposures which may be associated with increased risk of cancer and/or mortality among firefighters. Such findings will then be used to inform preventive strategies to better protect the health of future firefighters.

www.coeh.monash.org/ausfirefr.html

New Research Centre of Critical Importance (Blood-CRE)



Professor Jamie Cooper will lead the Centre of Research Excellence for Patient Blood Management in Critical Illness and Trauma

The Centre of Research Excellence for Patient Blood Management in Critical Illness and Trauma at Monash University – the Blood-CRE – was established in 2012, with the announcement by the Federal Minister for Health and Ageing, the Hon Mark Butler MP, of \$2.5 million in funding from the National Health and Medical Research Council (NHMRC). The Blood-CRE, led by Intensive Care physician Professor Jamie Cooper of the University's Department of Epidemiology and Preventive Medicine (DEPM), represents a consortia of national research and key organisations responsible for the regulation, manufacture, supply and surveillance of blood products, including the Australian Red Cross Blood Service, National Blood Authority, Transfusion Outcomes Research Collaborative (TORC), Australian and New Zealand Intensive Care Research Centre (ANZIC-RC), Australian Defence Force, Australian and New Zealand Society for Blood Transfusion, and the Australian and New Zealand Intensive Care Society Centre for Outcomes and Resource Evaluation (ANZICS-CORE).

Transfusion of blood products is one of the most common medical procedures in hospital patients. Despite common usage, there is considerable uncertainty about the relative risks and benefits of transfusions, with a large and growing body of literature that questions the appropriateness of many common transfusion practices in terms of patient outcomes. In addition, current guidelines are based on inadequate evidence, and compliance with their recommendations is reputedly poor.

The Blood-CRE coordinates a research strategy to evaluate current clinical practice through existing and extended clinical registries, conduct preliminary observational research and large multicentre randomised controlled trials (RCTs), and direct and evaluate the translation of evidence into policy and practice. Through their research findings, the Blood-CRE investigators strongly believe that their research strategy will drive policy and practice, increase blood transfusion research capacity, enhance and expand collaboration, improve patient outcomes and reduce costs for transfusion services.

The Blood-CRE provides a solution to the critical problem of an unmet need with regard to the transfusion evidence-practice base. It provides a pathway by which the implementation of Patient Blood Management Guidelines can be optimised and monitored, and the transfusion evidence base improved. Transfusion policy will also be informed by knowledge generated by the Blood-CRE. This will assist in optimising transfusion practices to ensure demand does not outpace supply and that the outcomes for critically ill patients, for whom blood transfusion is vital for survival, are not compromised. In addition, it will develop greater research capacity in the fields of transfusion, critical care and military medicine by expanding established networks of current collaborators and creating new research partnerships that will maximise our ability to effect change in transfusion practice and improve patient outcomes.

www.anzicrc.monash.org/blood-cre.html



Cohort 2 trainees from Sri Lanka, India, Malaysia and Hong Kong in their 1st teaching block, Colombo, Sri Lanka, June 2012

Cardiovascular disease, diabetes and their associated conditions are the fastest growing causes of disease burden in Asia. The World Health Organization (WHO) has predicted that the largest increases in deaths from cardiovascular disease, cancer, respiratory disease and diabetes will occur in low and middle income countries. Monash University and its institutional partners in Malaysia, Sri Lanka, India and the USA recognise that despite considerable public health, behavioural and social science research in the area of non-communicable disease (NCD) prevention and control, much of this research evidence is still to be adapted and applied in low-to middle income countries.

In 2010, Professor Brian Oldenburg, along with his collaborators at Monash University Sunway, University of North Carolina in USA, Sree Chitra Tirunal Institute for Medical Sciences & Technology in India and University of Colombo in Sri Lanka were awarded a grant from the US National Institutes of Health, to develop and deliver a research training and capacity building program to improve the prevention and control of NCDs in Asia. In line with the WHO Global Action Plan for the prevention and control of NCDs 2013-2020, the Asian Collaboration for Excellence in Non-Communicable Disease (ASCEND) Program provides research training to early career researchers across Asia to strengthen their research capabilities and build a regional network of researchers who will lead research in the prevention and management of NCDs in the future.

The ASCEND Training Program is coordinated and delivered on behalf of the ASCEND Research Network. The first ASCEND Program was launched in June 2011 at Monash Sunway with 25 trainees from Sri Lanka, India and Malaysia. An international network of researchers and institutions joined Sri Lanka's Health Minister, The Honourable Maithripala Sirisena, and acting Australian High Commissioner, Ms Sonya Koppe to launch the second program in Sri Lanka in June 2012, with 26 trainees from across the region.

At the commencement of their program, trainees participate in a 3-week teaching block facilitated by experts in NCD prevention and control from Monash University and other collaborating institutes. Trainees also refine a research proposal with the support of the ASCEND faculty for conducting a 'real world' research project that is directly related to their current work and which will lead to practical outcomes for their home organisation and country. Trainees then return to their own country where they continue to develop their research projects whilst participating in fortnightly online sessions on research methods, leadership, writing for publication and health systems research. After 12 months, trainees return for a one week teaching block where they focus on the dissemination of their research findings and translation of evidence into policy and practice.

The trainees' projects tackle important public health issues in their countries. Research

projects have included the investigation of junk food advertising on television in Sri Lanka, the effectiveness of peer support interventions for physical activity in India and health seeking behaviours of patients in Malaysia. So far, a number of trainees have gone on to enrol in doctoral programs both in their own countries and internationally, including Monash University. Over a third of trainees have published in inter(national) journals and/or presented their research at national and international conferences.

This blended model that combines face to face and online learning has proved attractive for participants who want to further develop their skills but who do not want to live overseas for extended periods of time. By conducting the majority of training in their own country and by encouraging and supporting the trainees to participate in local research, they learn how to tackle NCD prevention and control issues in their own context.

The ASCEND Program model has attracted attention from the WHO, the International Diabetes Federation and institutes and universities across Africa and Asia. Individuals and institutes alike recognise that promoting and building capacity for quality research in low-to-middle income countries for the prevention and control of NCDs is vital. The ASCEND Program is playing a significant role in addressing the growing burden of disease in these countries.

Website: www.med.monash.edu/ascend.

Jean Hailes Research Unit (JHRU) Moves to AMREP



Jean Hailes Research Unit

The Jean Hailes Research Unit (JHRU) is an innovative formal partnership between a community-based knowledge translation and clinical service, Jean Hailes for women's health (JH), and Monash University.

Jean Hailes for women's health is a not-for-profit organisation founded in 1992 and named for Dr Jean Hailes, a medical practitioner who instigated one of the first menopause-specific health services in 1971: a multidisciplinary clinic focused on women's health at midlife. Dr Hailes was committed to promoting the health and wellbeing of women not only through comprehensive health care but also through the provision of high-quality, accessible health information. Jean Hailes died in 1988 and the Jean Hailes Foundation (JHF) was formed by a group of colleagues in her honour. JHF has evolved over the intervening two decades and now, in addition to the clinical service, it has an expert health education and health promotion arm with a primary focus on knowledge translation for the benefit of women, their families, and clinicians. It is a highly trusted entity with wide reach into both community and health professional groups.

The importance of participating in knowledge generation as well as dissemination was understood by the JHF Board from the outset. The Jean Hailes Research Unit was established four years after JHF opened and was first led by Professor Susan Davis and later by Professor Helena Teede, both now SPHPM Professors of Women's Health. Research focused on identifying interactions

among endocrine functioning and lifestyle factors in governing women's health, with the goal of translating evidence to optimise prevention.

Recognising that there is 'no health without mental health', the Jean Hailes Chair in Women's Mental Health was established jointly by JHF and Monash University in March 2011. Jane Fisher was appointed as the first incumbent and, in September 2011 following the resignation of Professor Teede, Jean Hailes Professor of Women's Health and Director of the JHRU.

The current JHRU program addresses the links between women's reproductive health and mental health from adolescence to mid-life, particularly related to fertility, infertility, pregnancy, birth and the postpartum period, and chronic non-communicable conditions. Current streams include:

- Mental health promotion in pregnant women and women who have recently given birth;
- women's mental health in the resource-constrained countries of the Asia-Pacific region;
- fertility management in Australia;
- the ramifications of cancer and its treatment for reproductive, sexual, and mental health; and
- the consequences of caring for children with special needs.

In 2012 JHRU research was supported by competitively awarded grants from the National Health and Medical Research Council (NHMRC) and the Australian Research Council (ARC) with support from industry partners including the Royal Women's Hospital, Melbourne IVF, Family Planning Victoria, the Victorian Department of Health, the Australian Department of Families, Housing, Community Services and Indigenous Affairs, the Victorian Department of Education and Early Childhood Development, the Parenting Research Centre and the MLC, Besen Family, and Eirene Lucas Foundations.

All projects benefit from the diverse capabilities of this collaborative entity, which ensures that women's perspectives inform all research and that findings are disseminated through multi-stranded strategies to women, their families, health professionals, and policy makers.

In November 2012, JHRU staff were delighted to relocate to new offices on the ground floor of the Burnet Building. The School celebrated this occasion by hosting a morning tea attended by Janet Hailes Michelmore, a board member of the foundation and daughter of Dr Jean Hailes.

www.jeanhailes.org.au/research

MARS: A New Division Within the School

Established in 2012 under the direction of Professor Helena Teede, the Monash Applied Research Stream (MARS) delivers better health outcomes through applied research, education, clinical care and advocacy, with a strong focus on prevention and lifestyle related diseases including obesity, diabetes mellitus, gestational diabetes mellitus, mental health, and women's health.

MARS has three research programs:

- The Women's Public Health Research Program which includes a Reproductive Women's Health unit, a Healthy Lifestyles unit, an Indigenous Women's Health unit and a Midlife and Menopausal Health unit.
- The diabetes and cardiovascular research program is closely integrated with the Southern Health Diabetes and Vascular Medicine Clinical unit and has a strong focus on health services research.
- The Clinical Research Support Program attracts a diverse array of clinical and research teams from across Southern Health.



MARS team

The MARS Clinical Research Support Program provides a platform of expertise in biostatistics, clinical trial design, health services research and evaluation, data management and registry capability. In response to the success of the clinical research support program, a new Centre – The Monash Centre for Clinical Applied Research and Translation (MCART) – is being established. Investment has been secured

from Southern Health as a partnership initiative and we look forward to building capacity for clinical applied research and translation at the *Southern Health* site of the School of Public Health and Preventive Medicine and Monash University.

www.med.monash.edu/sphpm/divisions/mars

Graeme Schofield Oration

The Department of Forensic Medicine and the Victorian Institute of Forensic Medicine (VIFM) jointly hosted the biennial Graeme Schofield Victorian Institute of Forensic Medicine Oration this year. The Oration, named to honour the contributions made by Professor Graeme Schofield to the VIFM and to the advancement of forensic medicine generally, was entitled *Hell's Kitchen: Post-conflict recovery and justice* and featured two eminent speakers:

The Honourable Kevin Parker AC RFD, former Judge and Vice President of the International Criminal Tribunal for the Former Yugoslavia. The Hon. K. Parker was a Permanent Judge on the United Nations War Crimes Tribunal for the Former Yugoslavia at The Hague from 2003 – 2011. His talk was *Partners in Crime – Justice and Forensic Science*.

Dr Morris Tidball-Binz, Forensic Coordinator for the International Committee of the Red Cross (ICRC) is based in Geneva, Switzerland. Dr Tidball-Binz spoke about the application of forensic sciences to human rights and humanitarian investigations, based on his forensic case-work in more than 40 nations.



Funeral cortege in Peru for missing persons recovered 25 years after their deaths during internal conflict. Copyright: CICR/ATAUJE, J.

The Department of Forensic Medicine and the VIFM wishes to acknowledge the Schofield family's generous bequest to support forensic medicine. In time, this gift will expand to enable the Institute and the Department to assist forensic medicine capacity development internationally.

More information can be found on:
<http://www.vifm.org/education-and-research/oration/>

Infrastructure Platforms

Data Management



Professor Chris Reid

The Clinical Informatics and Data Management Unit (CIDMU) within the School of Public Health and Preventive Medicine (SPHPM) was established in 2003 to -

- manage large clinical datasets,
- develop web based and desk top applications for the collection and management of clinical information
- conduct randomised trials, clinical registries and public health projects.

Commencing with a single full-time database manager in 2003, the Unit has grown over the past 10 years and now employs 30 highly trained software development, clinical research project and data management professionals.

The current suite of services offered through the Unit includes:

- Electronic forms-based data capture systems (scan, fax and email).
- Web-based data capture and reporting systems.
- Desk-top based data capture and reporting systems.

- Web-based clinical trial randomisation services.
- Telephone based randomisation services.
- Case record form design.
- Clinical trial and registry development and management.
- Clinical trial design and statistical consulting services.
- Secure clinical file transfer services.

Current activities of the Centre include the development of clinical data management systems for supporting clinical registries and high risk occupational cohorts and clinical trials with a client base. These include internal Monash research centres and external clinical organisations, government and non-government organisations.

The Clinical Registry Program includes a number of registries for the Centre of Research Excellence Patient Safety (CREPS) such as the Prostate Cancer Registry and Victorian Lung Cancer Registry. External registry clients include The Alfred Hospital, Cabrini Hospital, Australian Rheumatology Association, the Colorectal Surgical Society

of Australia, the Society of Cardiothoracic Surgeons, the Victorian Department of Health and Monash University Accident Research Centre (MUARC).

Multinational clinical trial management systems have been developed for the US National Institute of Ageing sponsored ASPREE Study, the Asia Pacific Chest Pain Study, and the NHMRC sponsored POLAR, EPO-TBI, TRANSFUSE and PHARLAP trials for the ANZ Intensive Care research Centre. Observational epidemiological and cohort studies data management systems have been developed for the Monash Centre for Occupational Health, the Peter McCallum Cancer Institute (Cancer 2015), WorkSafe Victoria (Victorian Healthy Worker Project) and the Road Traffic Authority (Live-tribe, P Drivers Project).

Registries

The School of Public Health and Preventive Medicine is a leader in the establishment, management and analysis of clinical registries.

What are Clinical Registries?

Clinical registries collect a small amount of key information about people treated in hospitals for conditions such as trauma, cancer and heart disease. The information is collected in an identical fashion from each participating clinician and hospital. Outcomes of treatment are also measured in a systematic fashion and analysed statistically to allow different units and clinicians to compare the success of their treatment.

Registries are also used to monitor the safety of new drugs, devices and surgical procedures so that problems can be identified and fixed at the earliest opportunity.

The importance of registries as a strategy for improving safety and quality of healthcare is being recognised internationally. They are increasingly seen as indispensable for measuring access to and appropriateness of care. In Sweden about 25% of medical encounters are captured on a registry.

How do Registries work?

SPHPM has developed particular expertise in developing and maintaining clinical quality registries; a subset of registries which focuses on improving the safety and quality of healthcare. This is achieved by providing high quality outcome data to clinicians which may stimulate competition and help with the early identification of problems.

High quality data

Clinical registries pay meticulous attention to collecting complete, accurate and epidemiologically sound data. This means that results generated from clinical registries are respected by clinicians and stimulate action when outliers are identified.

Registry governance

Clinicians, epidemiologists, consumers and administrators all play a key role in managing a registry. Through the governance committee of each registry they address the multitude of legal, ethical, organisational and financial issues that affects every registry.

Operating Principles for Clinical Registries

SPHPM worked with the Australian Commission on Safety and Quality in Healthcare to develop national operating principles for clinical quality registries. These operating principles have been endorsed by Australian Health Ministers. Their purpose was to:

- provide a means of improving existing clinical registries and enhancing the value of the information they provide;
- provide guidance for the establishment and maintenance of new Australian Clinical Quality Registries aiming to measure quality of care; and
- suggest a best practice model to which both new and existing Australian Clinical Quality Registries should adhere.

Funding agencies such as the Department of Human Services and Human Research Ethics Committees are using this document as the basis for determining the standard of clinical registries they review.

SPHPM Registries

The School houses the following registries monitoring procedures, diseases or healthcare services:

- Australian and New Zealand Society of Cardiac and Thoracic Surgeons (ANZSCTS) National Database Program*
- Australian Rheumatology Association Database (ARAD)*
- Bi-National Burns Registry (Bi-NBR) *
- Breast Device Registry*
- Massive Transfusion Registry
- Melbourne Interventional Group (MIG) Registry
- Prostate Cancer Registry*
- REACH Registry
- Surveillance of Australian workplace based respiratory events (SABRE)
- Thrombotic Thrombocytopenic Purpura (TTP) Registry
- Venous Thromboembolism Registry
- Victorian Lung Cancer Registry*
- Victorian State Trauma Registry (VSTR)*
- Victorian Orthopaedic Trauma Outcomes Registry (VOTOR)*



Dr Sue Evans, Head of the Registries Program

- Bariatric Registry
- Victorian Cardiac Outcomes Registry (VCOR*)
- Myeloma and Related Diseases Registry (MRDR)
- Neonatal Alloimmune Thrombopenia (NAIT)
- Venous Thromboembolism cohort study (VTE)

The School collaborates strongly with the following registries:

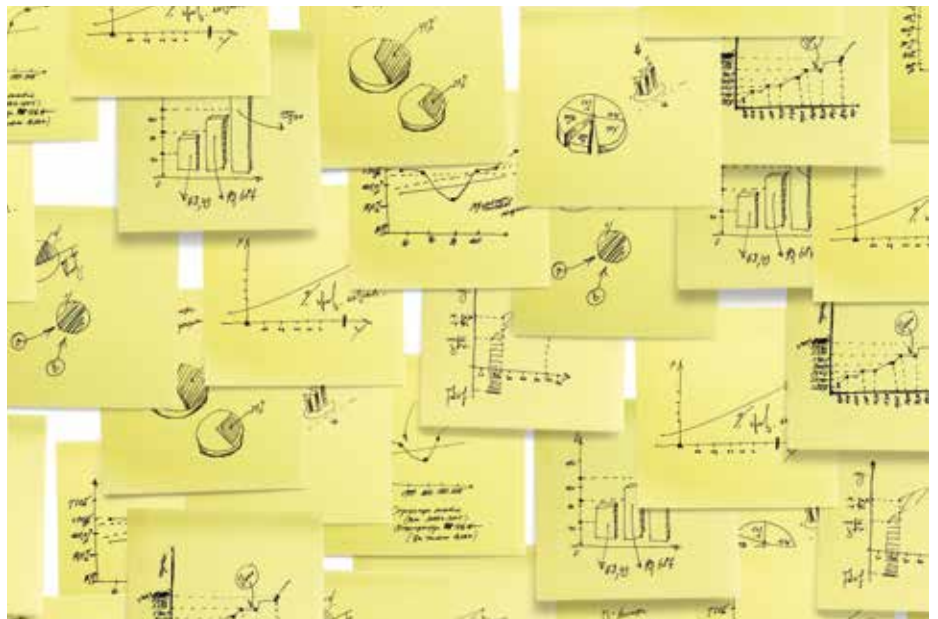
- Australian and New Zealand Intensive Care Society (ANZICS) Registry*
- Colorectal Cancer Registry (with Cabrini Health)*
- Victorian Cardiac Arrest Registry
- Australian & New Zealand Intensive Care Adult Registry

* Denotes a clinical quality registry

Biostatistical Consulting Service

It is well recognised that regardless of discipline, research depends on statistical methods, both in the design of experiments or surveys and in the analysis and interpretation of results. We offer our biostatistical services to doctoral students and academic staff across Monash University and researchers located at the Alfred Hospital, other Monash-affiliated hospitals and external health service groups.

Staff within the Biostatistical Consulting Service are actively involved in teaching biostatistics to medical, biomedical and health science undergraduate and postgraduate students and to students in postgraduate degrees specialising in biostatistics.



ASPREE

Professor John McNeil

Associate Professor Robyn Woods

ASPREE (**AS**pirin in **R**educing **E**vents in the **E**lderly) is a primary prevention aspirin study of 16,000 healthy Australians (and 3,000 from the US) aged 70 plus to determine if aspirin can keep older people healthier and disability-free for longer. By December 2012, almost 10,000 healthy elderly had volunteered to be in ASPREE, forming the largest and one of the most ambitious clinical trials ever undertaken in the country.

The Adelaide ASPREE Clinical Trial Centre was the last to open in 2012. It was yet another addition to 12 existing ASPREE clinical trial centres established in metropolitan, regional and rural areas in Victoria, Tasmania, SA, NSW and the ACT. ASPREE has become one of the largest resources available for researchers to examine issues associated with healthy ageing in Australia. Of note is a major sub-study, ALSOP (**AS**PREE **L**ongitudinal **S**tudy of **A**geing **P**ersons), which has involved sending social and medical questionnaires annually to ASPREE participants.

Almost 90% of the questionnaires were returned completed.

ALSOP will link clinical information collected in the main ASPREE study with participants' social circumstances, diet, dental health, vision and hearing, medication use and other lifestyle, social and environmental factors that may influence the ability to age well. ALSOP will also capture participants' past and current vocational activities, transition to retirement and their current participation in volunteer and unpaid caring roles.

The result is an unprecedented scope and depth of information to identify factors that influence healthy ageing in Australia.



Associate Professor Robyn Woods (R) with a participant at the ASPREE morning tea in Geelong

Awards

Infectious diseases award for Monash physician and researcher

Associate Professor Allen Cheng was awarded the Frank Fenner Award for Advanced Research in Infectious Diseases by the Australasian Society for Infectious Diseases (ASID) in 2012.

The Award is named in honour of Professor Frank Fenner, an Australian pioneer of viral research who played a central part in the global eradication of smallpox, chairing the World Health Organization Global Commission for the Certification of Smallpox Eradication. Professor Fenner was an active member of ASID and was the patron of the society from 2000 until his death in late 2010.

The Fenner award is the premier award recognized by ASID and is based on a substantial portfolio of original research. Associate Professor Cheng's research papers were selected from over 100 published papers and 17 book chapters since 1997, including 29 publications arising from his doctoral studies. The papers comprised a diverse range of areas within infectious diseases, including tropical medicine, severe

sepsis, epidemiology, influenza, infection control and antibiotic pharmacokinetics. Associate Professor Cheng has also contributed to the field of infectious diseases as foundation member of the Clinical Guidelines Committee (and current Co-chair) and the Clinical Research Network. He has led the writing of national guidelines for the clinical management of H1N1/09 influenza and *Clostridium difficile* infection and is one of two infectious diseases physicians on the Australian Committee on Prescription Medicines (ACPM; formerly Australian Drug Evaluation Committee).

In addition to serving as the current ASID representative on the Communicable Diseases Network of Australia (CDNA), Associate Professor Cheng is a member of the Influenza Surveillance Strategy Working Group (ISSWG) and has been a technical advisor to World Health Organisation initiatives, including the Integrated Management of Adult and Adolescent Illness Clinical Manual and the Epidemic Alert and Response Clinical Network.



Associate Professor Allen Cheng (R) receiving the Frank Fenner Award for Advanced Research in Infectious Diseases, from Associate Professor Tom Gottlieb (L), the President of the Australasian Society for Infectious Diseases, in Fremantle, March 2012

Roger Wurm Award for Health and Wellbeing after Breast Cancer Study

Professor Robin Bell received the Roger Wurm Award in 2012 for the best scientific presentation at the Australian Society for Psychosocial Obstetrics and Gynaecology (ASPOG) conference in Melbourne.

The Award, named after Adelaide obstetrician and gynaecologist, Dr Roger Wurm, who founded ASPOG in 1973, recognises the psychosocial aspects of women's health, particularly in the field of obstetrics, gynaecology and reproductive medicine.

At the conference, Professor Bell presented her findings in relation to the psychological wellbeing of women with breast cancer, their sexual function, their beliefs about what caused their cancer and the lifestyle changes they made after diagnosis.

Professor Bell's paper covered various aspects of the Bupa Health Foundation Health and Wellbeing After Breast Cancer Study. The prospective cohort study of 1683 women with their first diagnosis of invasive breast cancer were recruited through the Victorian Cancer Registry and followed using annual questionnaires for a minimum of 5 years from the time of their diagnosis. The study was initially funded through the NHMRC Centre of Clinical Research

Excellence for the study of Women's Health at Monash University and has been supported in more recent years by a range of organisations including the Bupa Health Foundation and the Victorian Cancer Agency. The study has also received philanthropic support from Connie and Craig Kimberley, Roy Morgan Research, the L.E.W. Carty Trust and the Jack and Robert Smorgon Families Foundation.

The 38th annual ASPOG conference was important for the School of Public Health and Preventive Medicine as several groups within the school are working in women's health research. There were a number of presentations from SPPHM staff and students at the conference, including Professor Helena Teede, Professor Jane Fisher, Dr Sara Holton, Dr Maggie Kirkman, Ms Samantha Kozica and Dr Karin Wynter as well as Dr Heather Rowe, who was also the Conference Convenor.

The objectives of ASPOG are:

- To promote the scholarly, scientific and clinical study of the psychosomatic aspects of obstetrics and gynaecology including reproductive medicine.



Dr Heather Rowe (R), Senior Research Fellow, Jean Hailes for Women's Health Research Group and convenor of the 2012 annual meeting of the Australian Society for Psychosocial Obstetrics and Gynaecology with the Roger Wurm award presented to Professor Robin Bell (L) from the Women's Health Research Program

- To promote scientific research into psychosocial problems of obstetrics and gynaecology.
- To promote scientific programs designed to increase awareness of and understanding of psychosomatic problems affecting women and men during their reproductive years.

Ambulance Study wins Stawell Prize

A study investigating the increasing demand for ambulance services by an ageing population was awarded the Australian Medical Association's (Vic) prestigious 2012 Stawell Prize.

The study was part of Dr Judy Lowthian's doctoral research program which investigated the underlying drivers of demand for emergency ambulance and emergency department services across metropolitan Melbourne.

'The challenges of population ageing: accelerating demand for emergency ambulance services by older patients, 1995–2015' (Med J Aust 2011; 194 (11): 574-578) analysed data collected by Ambulance Victoria for all emergency ambulance transportations in metropolitan Melbourne over a 14-year period from 1995 to 2008, and also modelled demand in the financial year 2014–15. A rise in emergency transportations was identified over the study period, beyond that expected from demographic changes. The increase was disproportionately driven by older patients, with the very elderly (aged 85 years or more) eight times as likely to be transported as those aged 45-69 years over the time period.

Study authors included Dr Judy Lowthian, the late Associate Professor Damien Jolley, Dr Andrea Curtis, Alexander Currell,



(L to R): Dr Richard Stawell on behalf of AMA (Vic) presenting Stawell Prize to Professor John McNeil, Dr Judy Lowthian and Professor Just Sotelwinder

Professor Peter Cameron, Professor Johannes Stoelwinder and Professor John McNeil.

The annual Stawell Prize is awarded for a piece of research 'on a medical subject of clinical significance, which is original, evidence-based and likely to advance knowledge, influence clinical practice and

improve the health of Australians'.

It is hoped this new knowledge will contribute to better understanding the reasons for the increase in demand for ambulance services and the associated issues.

Dr Lowthian was awarded her PhD in May 2012.

Monash Researcher on a Roll

Professor Helena Teede was inducted onto the 2012 Victorian Honour Roll of Women at Parliament House on March 6th, as a part of 2012 International Women's Day activities. The Minister for Women's Affairs, the Hon Mary Wooldridge presented the award, recognising Professor Teede's commitment to improving the health of the Australian community through best practice clinical research, prevention and treatment programs, strategic planning and health care leadership.

Each year, the Honour Roll acknowledges and pays tribute to women from across Victoria who have succeeded through vision, leadership, commitment and hard work. It is a reminder of the significant contribution women have made to Victoria. Since its inception in 2001 as part of Victoria's Centenary of Federation celebrations, 498 women have been inducted onto the Honour Roll.

Professor Teede is committed to the health of the community through a cross sector approach including world class research, best practice in clinical care, education and

translation of evidence into practice with a focus on engaging with policy makers. She leads and mentors young researchers and multidisciplinary clinicians. Professor Teede is a tireless advocate for optimal wellbeing, prevention of disease, patient centred care and for translation of research evidence into practice to improve quality health care outcomes on behalf of women vulnerable to chronic disease.

As a female clinician and researcher with a young family she also provides a flexible and supportive work environment and is a role model for young women in these fields. She is an active clinician in diabetes, obesity and women's health and consultant at Jean Hailes for women's health (JH). She has contributed vastly to improve quality and health outcomes for Australians through leading edge research and practical health education of evidence into practice. She led the development of the first evidence-based guideline for the assessment and management of polycystic ovary syndrome (PCOS) in 2011.



Professor Helena Teede inducted to the Victorian Honour Roll

SPHPM staff won the following awards/prizes

Associate Professor Michael Bailey

Alfred Week: Senior Medical Staff Prize for Clinical Research for poster titled: *Surgical Versus Conventional Therapy For Weight Loss Treatment Of Obstructive Sleep Apnoea: A Randomised Controlled Trial*. Dixon JB, Schachter LM, O'Brien PE, Jones KM, Grima MT, Brown W, Bailey M, Naughton MT

Ms Belinda Howe

2012 Research Citation Award for outstanding contribution to the Society of Critical Care Medicine for the SPICE study abstract entitled "*Early intensive care sedation practice predicts long-term mortality in ventilated critically ill patients*". Presented by the American Society of Critical Care Medicine (SCCM) conference in Houston, Texas, USA

Dr Cecile Aubron, Associate Professor Michael Bailey, Professor Jamie Cooper and Professor Rinaldo Bellomo

Alfred Week: Senior Medical Staff Prize for Clinical Research for poster titled: *Does the duration of blood storage impact on prognosis of critically ill patients?* A multicentre observational study. Aubron C, Bailey M, McQuilten Z, Pilcher D, Hegarty C, Martinelli A, Magrin G, Diaz P, Irving D, Cooper J, Bellomo R.

Professor Jamie Cooper, Ms Lynnette Murray, Associate Professor Andrew Davies and Associate Professor Rory Wolfe

AMREP Research Prize 2012 (for the article describing original clinical research published in the journal with the highest impact factor in 2011): Cooper DJ, Rosenfeld JV, Murray L, Arabi YM, Davies AR, D'Urso P, Kossmann T, Ponsford J, Seppelt I, Reilly P, Wolfe R; *DECRA Trial Investigators; Australian and New Zealand Intensive Care Society Clinical Trials Group*. *Decompressive craniectomy in diffuse traumatic brain injury*. N Engl J Med 2011;364(16):1493-502.

Dr Helen Ackland, Professor Peter Cameron, Associate Professor Rory Wolfe, Mr Gregory Malham, Adjunct Clinical Associate Professor Varma, Dr Gregory Fitt, Professor Jamie Cooper, Professor Jeffrey Rosenfeld, Adjunct Clinical Associate Professor Susan Liew

Recipient of the Spinal Research Award for the best paper presented at the 23rd Annual Scientific Meeting of the Spine Society of Australia, Sydney, Australia, 27th- 29th April, 2012: Outcomes at 12 months following early MRI in acute trauma patients with persistent midline cervical tenderness and negative CT.

Professor Jamie Cooper and Ms Lynne Murray

Frank McDermott Award for 2012 for RSI Paper: Bernard S, Nguyen V, Cameron P, Masci K, Fitzgerald M, Cooper J, Walker T, Myles P, Murray L, Taylor D, Smith K, Patrick I, Edington J, Bacon A, Rosenfeld J, Judson R. *Prehospital rapid sequence intubation improves functional outcome for patients with severe traumatic brain injury: A randomized, controlled trial*. Ann Surg. 2010 Dec;252(6):959-65.

Dr Tessa Keegel

Raine Research Award Prize awarded for the publication: Boyle T, Keegel T, Bull F, Heyworth J, Fritschi, L. *Physical activity and the risk of proximal colon and distal colon cancers: A systematic review and meta-analysis* JNCI Journal of the National Cancer Institute 104 (20): 1548-1561 (2012).

Professor Helena Teede, Dr Cate Lombard, Dr. Dr Cheryce Harrison, Ms Linda Downes, Dr Nicole Ng, Ms Samantha Kozica and Ms Stella Chavarris

Victorian 2012 Public Health Gold Winner in the category 'Optimising the Health Status of Victoria'. The program 'Healthy Lifestyle Program for Australian Women (HeLP-her)' was developed by Cate and Helena and is aimed at preventing weight gain in reproductive aged women.

Dr Carolina Weller

Awarded an AWTRS Travel Award to attend the 3rd Australasian Wound & Tissue Repair Society (AWTRS) conference.

Also awarded the 'best oral presentation awards' at the 1st APCEEEM conference.

Associate Professor Dragan Illic

Awarded a Learning and Teaching Travel grant from the Faculty of Medicine, Nursing and Health Sciences.

Dr Molla Huq

Awarded 'best oral presentation awards' at the 1st APCEEEM conference.

Dr David Newman

Awarded the A Howard Hasbrook Award from the Aerospace Medical Association in the US in May, 2012.

Dr Rosie Worsley

Awarded the Jean Hailes Memorial Prize for best presentation by a young investigator at the 2012 Australasian Menopause Society Annual Meeting.

Dr Tanya Davison

Awarded the Alastair Heron Prize by the Australian Psychological Society College of Clinical Psychologists.

Dr Jayamini Illesinghe

Excellence Award at beginner level at the Society of Research Administrators (SRA) in Orlando Florida.

School Awards Night

The School Research Committee, together with the Education Committee and the Higher Degrees by Research Committee implemented awards for teaching and research staff and students within the School, to recognise and reward outstanding achievements and accomplishments. The inaugural Excellence Awards recipients were announced at the School Awards Night on 29th November, 2012. The event was attended by Ms Connie Kimberely who has been a generous sponsor of our research over the years.

Awards were awarded in the following categories.

Research Excellence

Early Career Research Best Paper Award –Dr Jennifer Pilgrim (*in absentia*) for her paper titled “Characterization of single nucleotide polymorphisms of cytochrome p450 in an Australian deceased sample.” Pilgrim, J. L., Ruiz, Y., Gesteira, A., Cruz, R., Gerostamoulos, D., Carracedo, A., Drummer, O. H. *Current Drug Metabolism*, 2012;13(5):679-92.

Postdoctoral Supervision Excellence Award – Awarded to Professor Helena Teede



Outstanding Support of Peers Award – Awarded to Dr Zanfina Ademi



Early Career Excellence Award – Joint Recipients Dr Judy Lowthian and Dr Carolina Weller



Lecturing Excellence

Teaching Support Excellence Award – Awarded to Dr Ewan Mc Farlane (*in absentia*)

Tutoring Excellence Award- Awarded to Ms Basia Diug



Research and Teaching Support Excellence – Joint recipients Ms Jane Miosge and Ms Janet Christensen



Mid Career Researcher Excellence Award –Associate Professor Belinda Gabbe



Postdoctoral Excellence

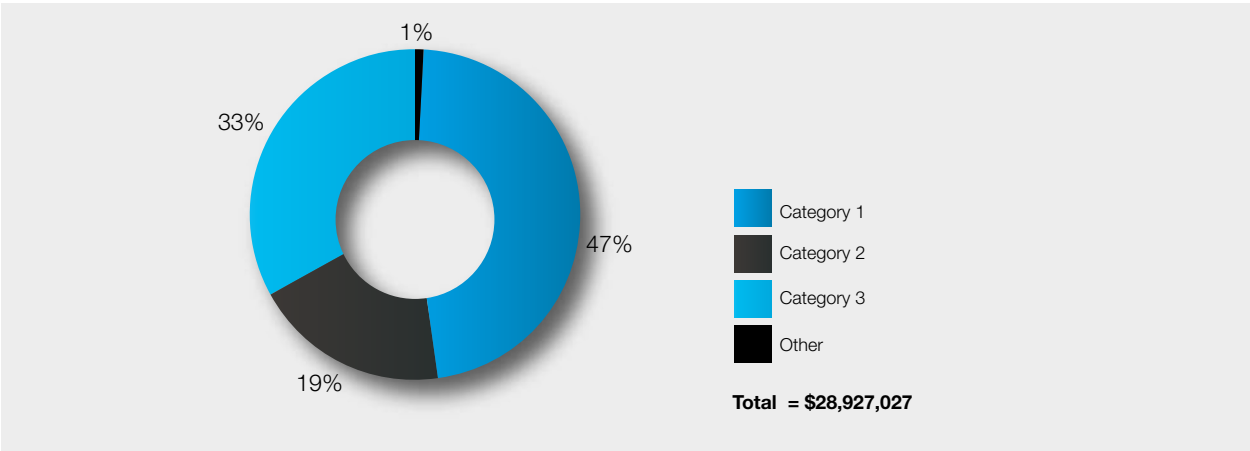
Doctoral Thesis Excellence Award- Joint recipients Dr Megan Bohensky, Dr Judy Gold (*in absentia*) and Dr Jennifer Pilgrim (*in absentia*)



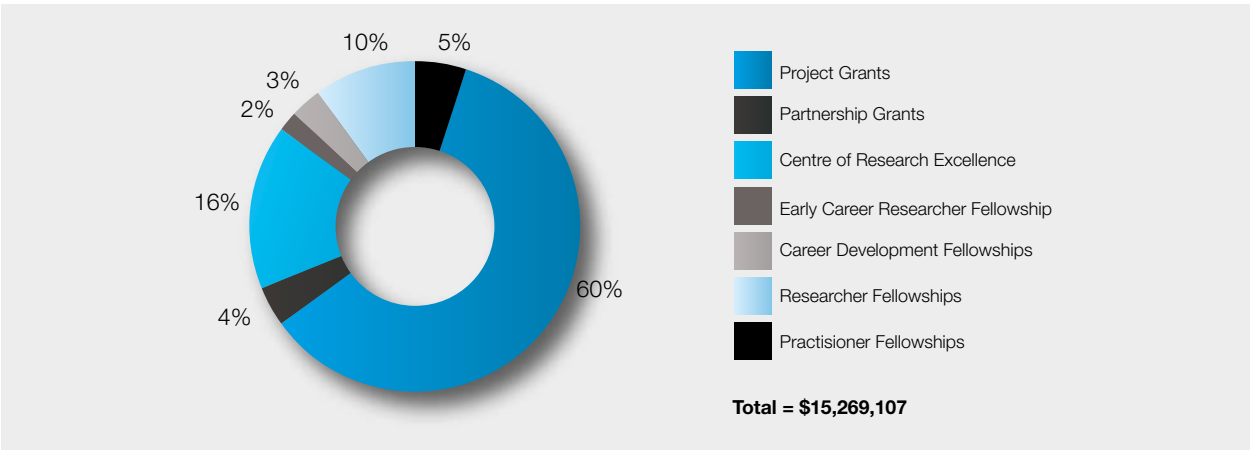
Research – 2012 At a Glance

Research Funding 2012*

The full publication list can be found in Appendix 1

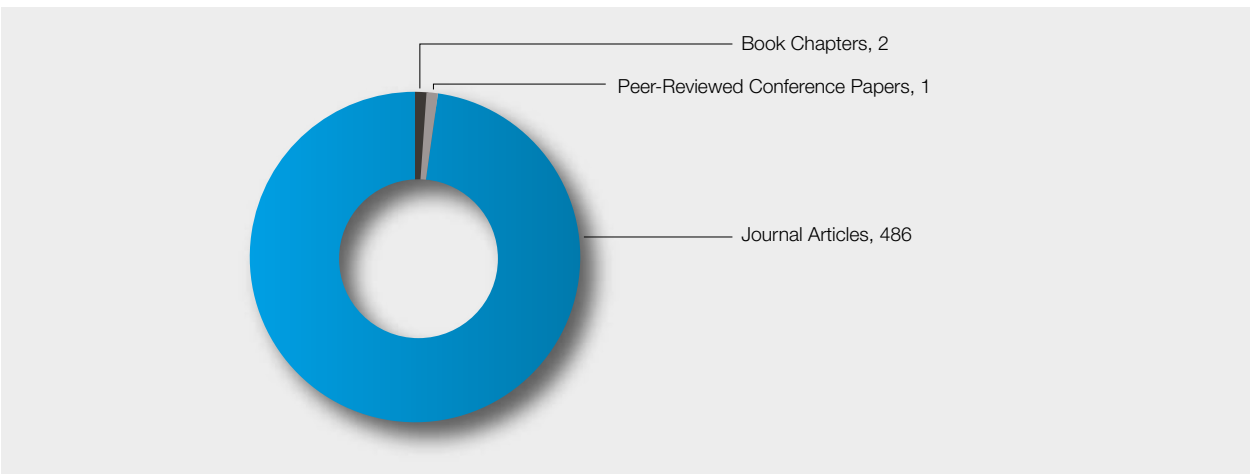


New NHMRC Funding Commencing in 2013



Publications 2012

The full publication list can be found in Appendix 2

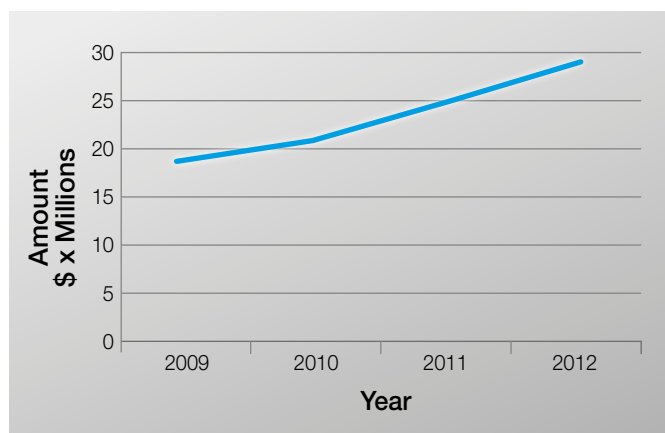


Higher Degrees, Postgraduate and Undergraduate Research Training

- 159 PhD students with 19 Completions
- 494 Postgraduate Course Enrolments of which 264 were in the Master of Public Health
- 24 Honours Completions

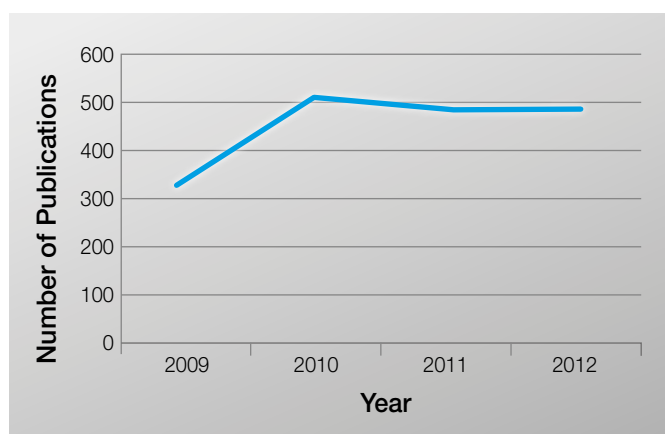
Research – Year by Year

Research Funding Received



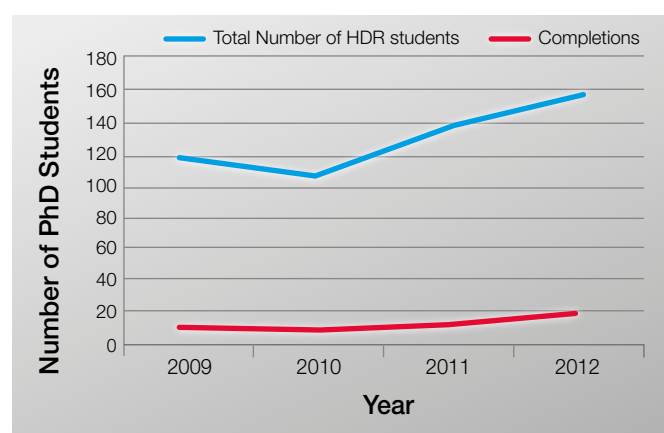
The graph shows funding received by the School from competitive grants and contract research. Consulting funds have not been included.

Publications

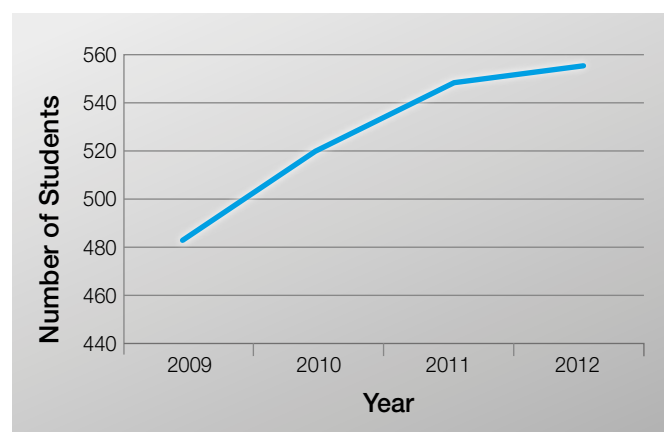


The values show the publications that have been submitted to the Higher Education Research Data Collection (HERDC). This only shows peer-reviewed full journal articles, research books and peer-reviewed conference papers.

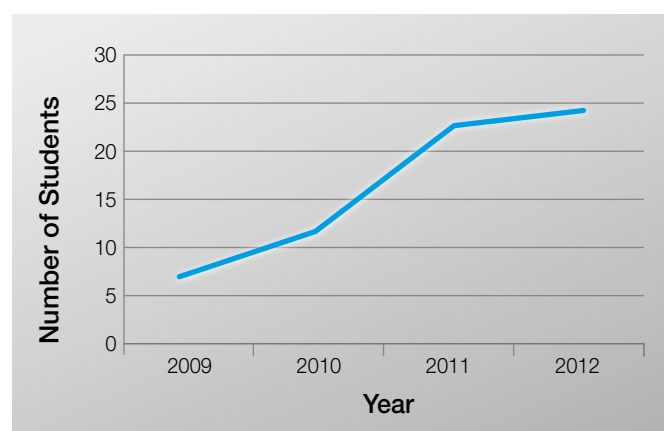
Higher Degrees Training



Post Graduate Course Enrolments



Honours students at SPHPM



Units

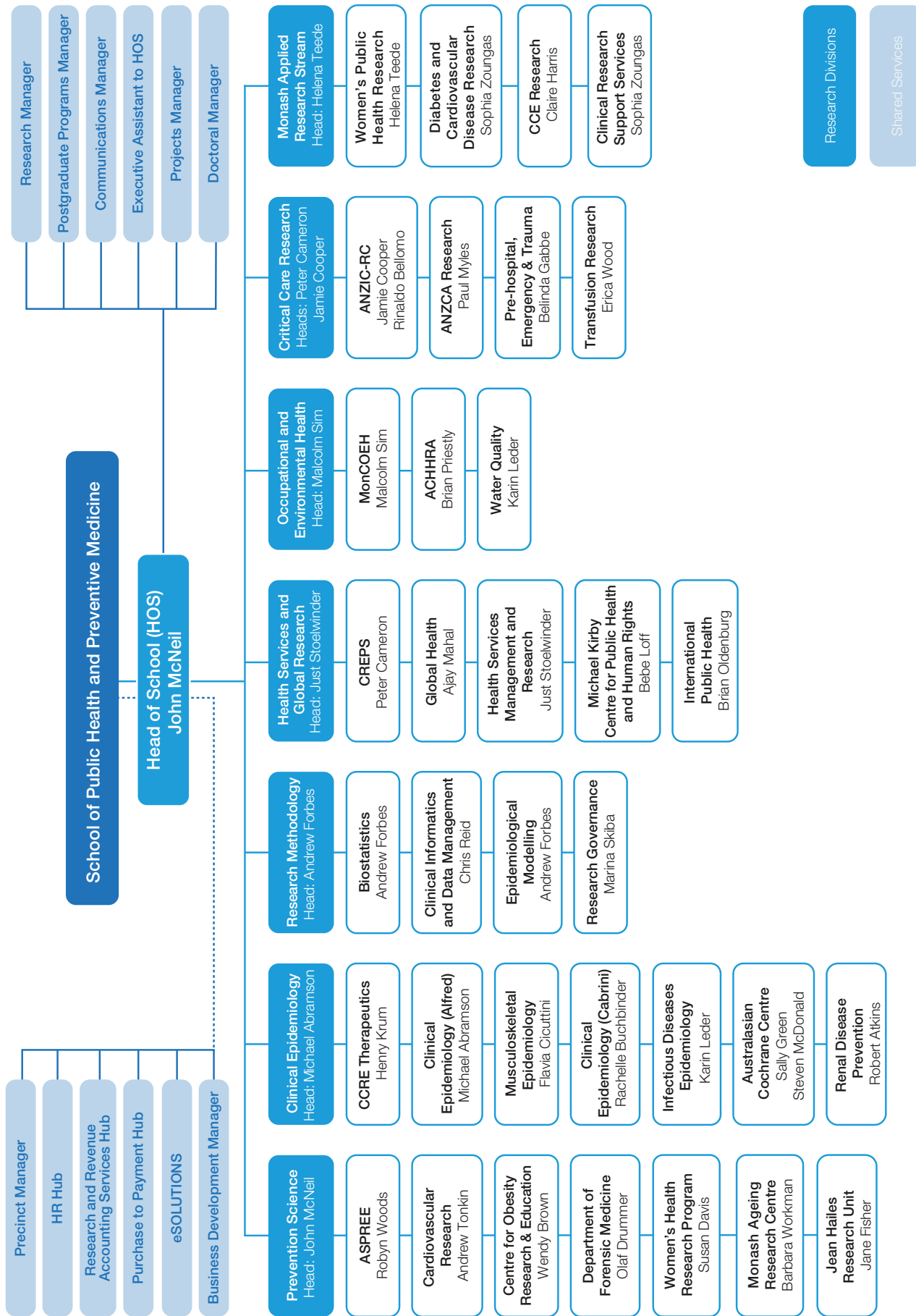


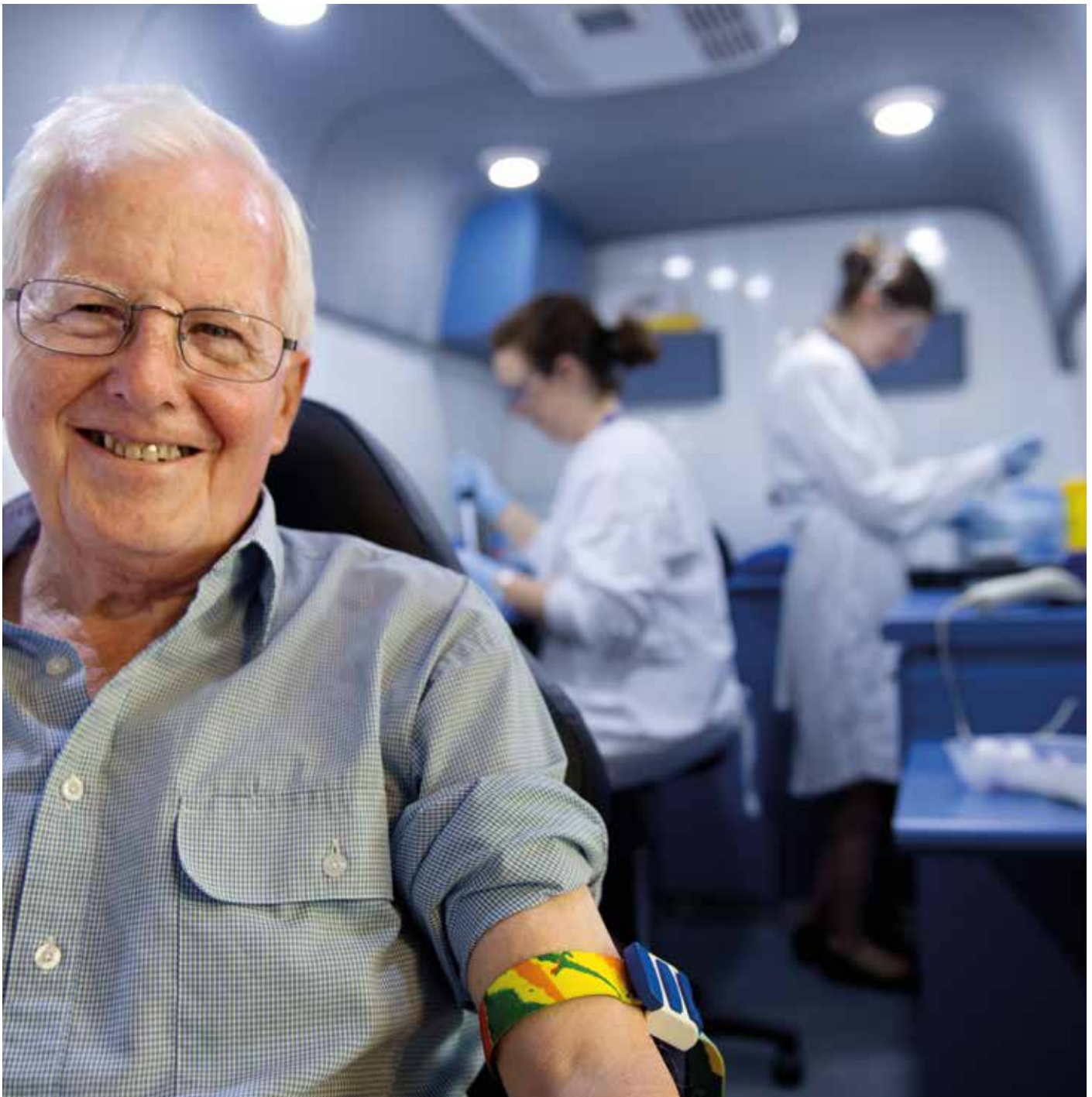
Photo by Mr Angus Dempster

Our research falls within the following divisions :

- Prevention Science
- Clinical Epidemiology
- Research Methodology
- Health Services and Global Research
- Occupational and Environmental Health
- Critical Care Research
- Monash Applied Research Stream

Organisational Structure





Prevention Science Division

- The ASPREE (Aspirin in Reducing Events in the Elderly) Study
- Cardiovascular Research Unit
- Centre for Obesity Research and Education (CORE)
- Department of Forensic Medicine (DFM)
- Women's Health Research Program
- Monash Ageing Research Centre
- Jean Hailes Research Unit



Professor John McNeil

The ASPREE (ASpirin in Reducing Events in the Elderly) Study

Professor John McNeil (Principal Investigator) and Dr Robyn Woods (Executive Officer)

Monash University is leading the Australian arm of ASPREE (ASpirin in Reducing Events in the Elderly), a landmark international study, which will determine whether all healthy older people should take aspirin. Uncertainty persists around the balance of benefits versus risks of low dose aspirin for primary prevention in the elderly.

The primary aim is to determine if regular, low dose aspirin prolongs healthy, disability-free life in those aged 70 years and over. The trial

will, for the first time in the world, weigh the potential benefits versus the risks, such as bleeding, in healthy older people. ASPREE is a large-scale, double-blind randomised, placebo-controlled trial of low dose aspirin that aims to recruit up to 19,000 people (16,000 from Australia and 3,000 from the US). Participants are randomly assigned to take 100 mg enteric-coated aspirin or a placebo tablet daily and will undergo annual health checks for an average of five years.

Website: www.aspree.org/AUS/



Associate Professor:
Robyn Woods



ASPREE Bio-bus



Professor Andrew Tonkin

Cardiovascular Research Unit

Professor Andrew Tonkin (Head)

The Cardiovascular Research Unit conducts large-scale clinical trials, epidemiological studies and population health research into cardiovascular disease and its prevention.

Research activities in 2012 included:

- The Long-term Intervention with Pravastatin in Ischaemic Disease (LIPID) study, a long-term follow-up of 9014 coronary heart disease patients recruited from Australia and New Zealand, and analysis of the role of biomarkers in CVD risk prediction and modulation of treatment effects
- Participation in activities of the ASPrin in Reducing Events in the Elderly (ASPREE) study, a large-scale clinical trial studying the effect of aspirin on healthy lifespan, and in its related substudies
- Participation in activities of the Australian Resuscitation Outcomes Consortium (AUS-ROC) Centre of Research Excellence

- Research into the importance of various lipid fractions and particles in the pathogenesis and risk assessment of unstable coronary artery disease.

The above projects have all been supported through NHMRC funding and for ASPREE, by the NIH and CSIRO.

Website: www.med.monash.edu.au/epidemiology/units-centres/cardiocres/





Associate Professor Wendy Brown

The Centre for Obesity Research and Education (CORE)

Associate Professor Wendy Brown (Director)

The Centre for Obesity Research and Education (CORE) is dedicated to understanding and optimally managing the chronic disease of obesity and measuring the effects of weight loss on health, quality of life and survival (*Mission Statement 2011*). It is an international leader in the study of bariatric surgery.

Our research aims to better understand obesity, obesity-related diseases (including psychosocial conditions) and to identify optimal methods for the safe, cost-effective, long-term management of this disease. Also, we seek to identify preventive strategies that can be implemented in the community.

CORE is unique in applying a multidisciplinary approach to the study of obesity. The Centre is a leader in clinical and psychosocial research into obesity and weight loss. It integrates a clinical obesity management program with strengths in medicine, surgery, psychology, epidemiology, public health and professional and community education.

Through this integration, CORE is expertly placed to measure the health consequences of obesity and has the capacity to evaluate the health benefits of weight loss.

Website: <http://www.core.monash.org/>



Emeritus Professor Paul O'Brien (L) and patient who lost 66% Excess Weight



Professor Olaf Drummer

Department of Forensic Medicine (DFM)

Professor Olaf Drummer (Head)

The Department of Forensic Medicine (DFM) is the only university department in Australia to be set up in parallel with a forensic medical service facility. It operates as both a publicly-funded institution and as an academic unit. This unique arrangement has contributed more to forensic medicine and the allied forensic sciences than any other facility in this country. Many of our staff members are world leaders in their disciplines and this has contributed to an international reputation for excellence.

Since its inception 24 years ago, the Victorian Institute of Forensic Medicine (VIFM) together with the DFM has produced many significant research findings that have contributed to prevention of disease and public health. It has also developed a significant postgraduate teaching output. In 14 years, approximately 240 doctors and nurses from all continents have completed the postgraduate courses in forensic medicine. In addition, numerous students have graduated with Bachelor of Science (honours) and Bachelor of Medical Science degrees. There were also 20 postgraduate

degrees by research (including PhDs), many of whom have remained with us and work at the DFM. The VIFM together with the DFM has published over 600 articles, covering a variety of themes related to disciplines that encompass forensic medicine.

Website: www.med.monash.edu.au/sphpm/dofm.html





Professor Susan Davis

Women's Health Research Program

Professor Susan Davis (Director)

The Women's Health Research Program undertakes research that leads directly to disease prevention, improved clinical care and better health outcomes for women in the community.

Our focus is on the most common health issues that affect women throughout adult life and that impact most on health and wellbeing. The Program provides up-to-date health information for the community and health professionals. It provides training in women's health for health care professionals and opportunities for young researchers

to undertake Honours, Masters and PhD studies.

Website: womenshealth.med.monash.edu



Professor Barbara Workman

Monash Ageing Research Centre (MONARC)

Professor Barbara Workman (Director)

The Monash Ageing Research Centre (MONARC) was established in 1999 for the International Year of the Older Person. MONARC is based at the Kingston Centre, Cheltenham and has three divisions: the Academic Unit of Geriatric Medicine (AUGM), the Aged Mental Health Research Unit (AMHRU), and the Clinical Research Centre for Movement Disorders and Gait (CRCMD&G). These divisions are headed by Professors Barbara Workman, Daniel O'Connor, and Robert Iansek, respectively.

MONARC's charter:

- The research activities of MONARC are directed towards providing fundamental new knowledge and understanding into diseases associated with ageing and neurological disorders.
- MONARC clinician researchers promote the rapid transfer of results of clinical research into clinical management.



- MONARC encourages and conducts high quality research which translates into improving quality of care and addresses gaps in health service delivery.

Website: <http://www.med.monash.edu.au/sphpm/monarc/index.html>



Professor Jane Fisher

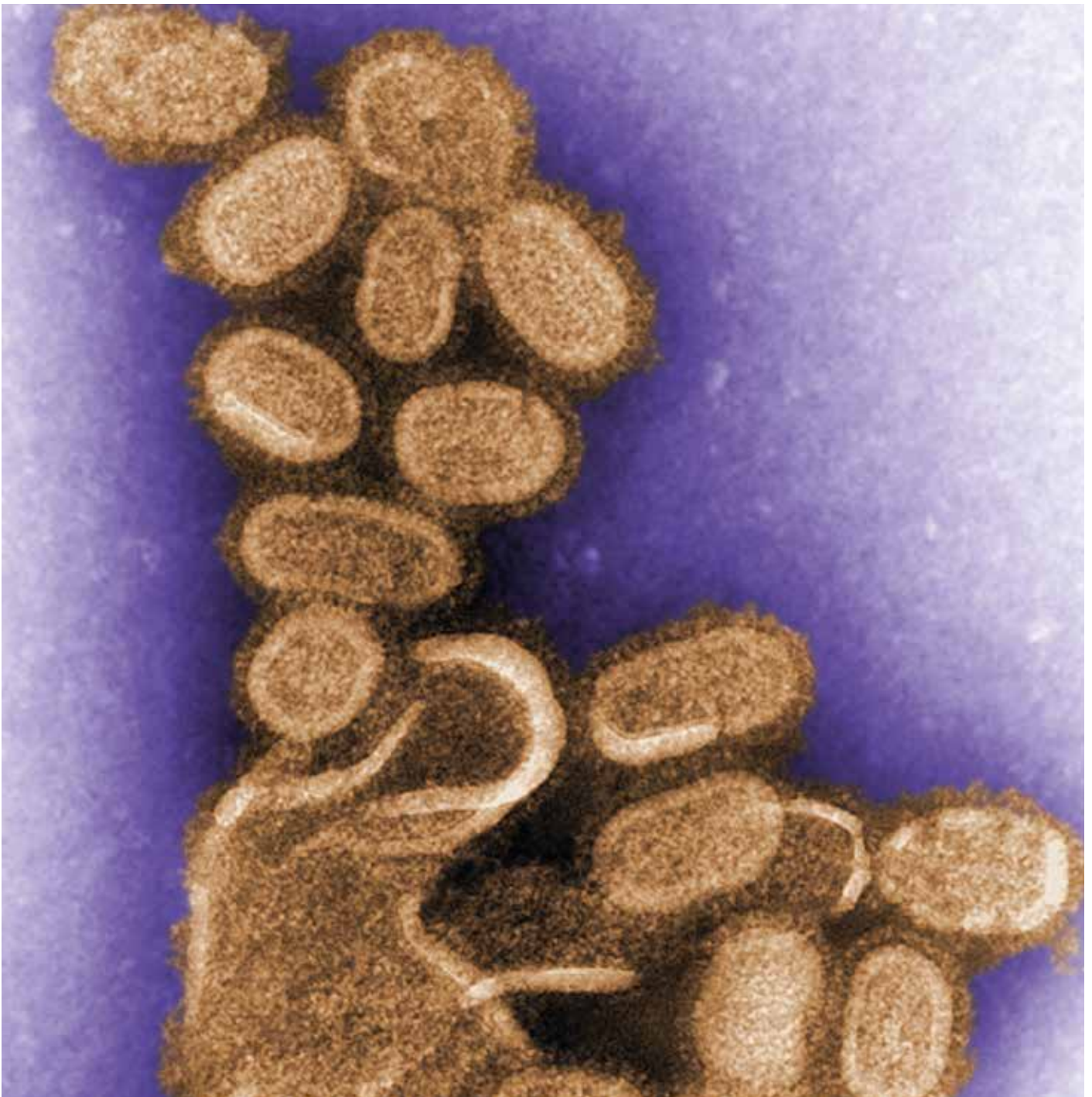
Jean Hailes Research Unit

Professor Jane Fisher (Head)

The Jean Hailes Research Unit (JHRU) in the School of Public Health and Preventive Medicine is an innovative formal partnership between a community-based knowledge translation and clinical service.

The current JHRU program addresses the links between women's reproductive health and mental health from adolescence to mid-life, particularly related to fertility, infertility, pregnancy, birth and the postpartum period, and chronic non-communicable conditions.





Clinical Epidemiology Division

- Centre of Cardiovascular Research and Education (CCRE) in Therapeutics
- The Clinical Epidemiology Unit – The Alfred
- Musculoskeletal Epidemiology Unit
- Monash Department of Clinical Epidemiology – Cabrini Institute
- Infectious Diseases Epidemiology Unit
- The Australasian Cochrane Centre
- Renal Disease Prevention Unit



Professor Henry Krum

Centre of Cardiovascular Research and Education (CCRE) in Therapeutics

Professor Henry Krum (Director)

The mission of the Centre of Cardiovascular Research and Education in Therapeutics (CCRET) is to improve clinical outcomes at the individual and community level through the use of evidence that is based on high-quality clinical research. CCRET conducts clinical trials that focus on mechanistic and hospital-based studies in the Department of Clinical Pharmacology at the Alfred Hospital and at the Clinical Trial Centre at Caulfield Hospital. CCRET's Clinical Informatics and Data Management Unit (CIDMU) provides high-level platform technologies for the conduct of epidemiological, clinical trial and health services research. The CCRET 2012 annual report can be found on: <http://www.ccretherapeutics.org.au/information/reports.html>

Website: www.ccretherapeutics.org.au



Professor Michael Abramson

The Clinical Epidemiology Unit – The Alfred

Professor Michael Abramson (Head)

The Clinical Epidemiology Unit at the Alfred focuses on respiratory diseases and on the health effects of mobile phones. Key studies include:

- The Burden of Obstructive Lung Disease (BOLD) study, in collaboration with the Woolcock Institute in Sydney and other centres around Australia was completed with NHMRC funding. In 2012, a resurvey of participants from four centres (Melbourne, Tasmania, Sydney and NSW Rural) was undertaken, focusing on collecting occupational data related to possible exposures through the use of a work and residence history calendar. Data collection to be completed in February 2013.
- The Third European Community Respiratory Health Survey (ECHRS III): The ECHRS is one of the largest international studies of asthma and allergic diseases in adults. ECHRS III aims to follow up participants who were involved in ECHRS II. In 2012, postal surveys were completed by 543 of 726 eligible subjects and laboratory testing commenced.

We are also participating in the Centre for Air Quality and Health Research and Evaluation (CAR) funded as an NHMRC Centre of Research Excellence and led by the Woolcock Institute.

We are collaborating with the University of Melbourne on two large NHMRC supported cohort studies:

- The Tasmanian Longitudinal Health Study (TAHS)
- The Melbourne Atopic Cohort Study (MACS); and

We are also collaborating with the Monash Centre for Occupational and Environmental Health (MonCOEH) on a study of the effects of mobile phones on cognitive development in primary school children.

Website: <http://www.med.monash.edu.au/epidemiology/units-centres/clinepi/index.html>





Professor Flavia Cicuttini

Musculoskeletal Epidemiology Unit

Professor Flavia Cicuttini (Head)

The Musculoskeletal Epidemiology Unit focuses on developing novel approaches to treat and prevent musculoskeletal diseases, particularly osteoarthritis (OA).

We continue to work on understanding the pathogenesis of knee OA. This has been underpinned by the ability to non-invasively examine joint structures with magnetic resonance imaging. The use of this technique has enabled us to explore the relationship between obesity and body composition and the association of these factors in OA.

The results of some very exciting new work have provided evidence for the role of metabolic factors in knee OA. This offers potential for novel approaches to the treatment of knee OA. Parallel work is also continuing that explores the effect of physical activity on joint health. We also commenced an NHMRC funded study aimed

at determining whether Vitamin D prevents progression of knee osteoarthritis.

Following the success of the work in the knee, we are turning our attention to the hip, foot and back. These areas are relatively under-investigated but are major causes of pain and disability in the ageing population.

Website: www.med.monash.edu.au/epidemiology/units-centres/muscskel/



Professor Rachelle Buchbinder

Monash Department of Clinical Epidemiology – Cabrini Institute

Professor Rachelle Buchbinder (Director)

The focus of the Department of Clinical Epidemiology is to perform high quality clinical research with an emphasis on answering clinically important questions that can be translated into better quality patient care and outcomes.

We have performed an array of randomised controlled trials of promising new treatments for a range of musculoskeletal conditions. We manage the Australian Rheumatology Association Database, which is assessing the long-term health of patients with arthritis and particularly the outcomes of new therapies.

The Department also houses one of the editorial bases for the Cochrane Musculoskeletal Group (the other base is in Ottawa, Canada). Other major focuses have included determining interventions directed at the patient and the healthcare provider and at a policy level that have the potential to improve the ability of patients to function effectively in the health care system (health literacy). We have also been involved in the World Health Organisation Global Burden of Disease project to estimate the global burden for musculoskeletal conditions, particularly

back and neck pain. Various local, national and international bodies support the Department's research.

Website: www.med.monash.edu.au/epidemiology/units-centres/clinepi-cab/index.html





Associate Professor Karin Leder

Infectious Diseases Epidemiology Unit

Associate Professor Karin Leder (Head)

The research of the Infectious Disease Epidemiology Unit (within the Division of Clinical Epidemiology) covers a broad range of topics. These include the burden of communicable diseases, vaccination, modelling of infectious diseases, traveller/immigrant health, and communicable disease surveillance. The Unit is also involved in studies of specific infectious diseases (such as nosocomial infections, influenza and measles) that represent important problems in clinical practice and in the development of national and international management guidelines.

Part of the work of the Unit falls under the Division of Occupational and Environmental Health, which addresses issues around

environmental impacts on infections, water quality and public health.

Website: www.med.monash.edu.au/epidemiology/infdis.html



Professor Sally Green

The Australasian Cochrane Centre

Professor Sally Green and Mr Steve McDonald (Co-Directors)

The Australasian Cochrane Centre co-ordinates the activities of the Cochrane Collaboration in Australia and in the wider Asia-Pacific region in partnership with its branches in Korea, New Zealand, Singapore and Thailand. It provides training and support to authors of Cochrane reviews, works with policy makers, advocates on behalf of the Collaboration regionally, and promotes the use and uptake of *The Cochrane Library*.

In addition to its core aims, the Centre has an aligned program of research that evaluates effective ways to inform healthcare decisions through the uptake of evidence. This includes projects investigating the synthesis, interpretation, dissemination and implementation of research evidence for clinical practice and policy.

Website: <http://acc.cochrane.org/>



Matthew Page receiving the Thomas C Chalmers Award from Dr Yemisi Takwoingi from The University of Birmingham, UK for the best oral presentation at the 20th Cochrane Colloquium, Auckland, New Zealand, October 2012



Mr Steve McDonald



Professor Bob Atkins

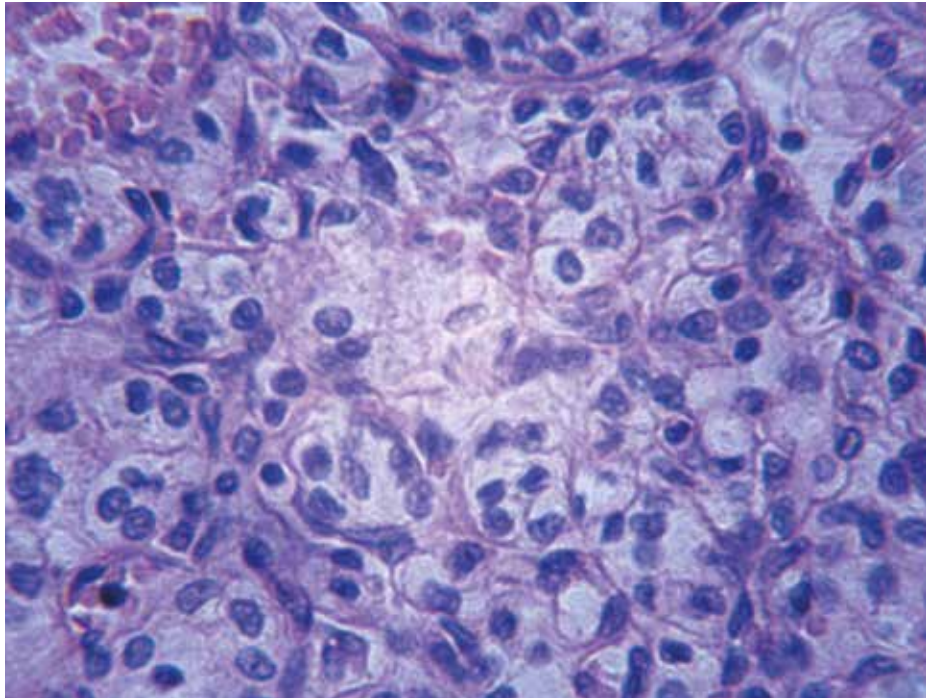
Renal Disease Prevention Unit

Professor Bob Atkins (Head)

The focus of the Renal Disease Prevention Unit is on the epidemiology of chronic kidney disease and its prevention. It is an integral part of the ongoing Australian Diabetes, Obesity, and Lifestyle Study (Aus-Diab), which has provided and continues to provide the most comprehensive data on kidney disease in the Australian community as well as interrelationships between kidney disease and other lifestyle diseases. The emphasis

in this unit is on diabetic kidney disease, the most common cause of end stage kidney disease in Australia and worldwide. The Unit is part of a global Chronic Kidney Disease Prognosis Consortium, a group that analyses multiple national studies for an international perspective.

Website: www.med.monash.edu.au/epidemiology/units-centres/kidney/





Research Methodology Division

- Biostatistics Unit
- Clinical Informatics and Data Management Unit (CIDMU)
- Epidemiological Modelling Unit
- Research Governance



Professor Andrew Forbes

Biostatistics Unit

Professor Andrew Forbes (Head)

The Biostatistics Unit is actively engaged in methodological biostatistical research in a variety of areas. It is also involved in numerous collaborative epidemiological research projects with staff within and external to the School. Staff are involved in teaching biostatistics to medical, biomedical and health science undergraduate and postgraduate students and to students in postgraduate degrees specialising in Biostatistics. The Unit offers a Biostatistical Consulting Service for doctoral students and academic staff across Monash University and for researchers located at the Alfred Hospital, other Monash-affiliated hospitals, and for external health service groups.



Professor Chris Reid

Clinical Informatics and Data Management Unit (CIDMU)

Professor Chris Reid (Head)

The Clinical Informatics and Data Management Unit (CIDMU) provides key platform technologies for the conduct of epidemiological, clinical trial and health services research.

The staff in the Unit possess expertise in all aspects of data collection and data management. This includes expertise in form design; web-based data capture, entry and randomisation services; data validation and quality control. The staff members are also involved in the provision of consulting services to external clients who have data management issues and in training of School of Public Health and Preventive Medicine (SPHPM) research staff in the principles of database design and management.

Website: www.med.monash.edu.au/sphpm/cidmu/



VCOR site data management training in progress.



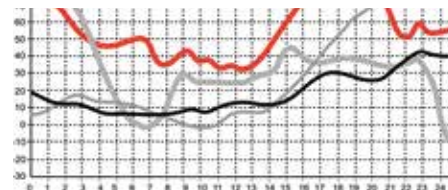
Professor Andrew Forbes

Epidemiological Modelling Unit

Professor Andrew Forbes (Acting Head)

This Epidemiological Modelling Unit focusses on developing epidemiological modelling to improve the effectiveness of chronic disease and disability prevention in Australia. The costs and benefits of preventive health interventions will often occur many years into the future. This is well beyond the maximum five to six years that is studied by most prevention trials. Prediction of long-term benefits requires statistical epidemiological modeling. This is modelling that integrates information from a variety of data sources, including clinical trials and epidemiological studies.

The aim of the Unit is to develop epidemiological models that can assist policy-makers to make more informed



choices about which preventive programs to fund, and to improve the ability of clinicians to provide accurate preventive advice and increase the ability of consumers to make decisions about preventive activities (that may relate to themselves or their communities).

Website: www.med.monash.edu.au/epidemiology/units-centres/epimodel/



Mrs Marina Skiba

Research Governance

Mrs Marina Skiba (Chair – Research Governance Committee)

(2012 Committee members: Professor John McNeil, Associate Professor Damien Jolley, Dr Jayamini Illesinghe, Mrs Marina Skiba, Dr Elizabeth Douglas, Ms Joanne McKenzie, Dr Leah Brennan, Professor Olaf Drummer, Professor Helen Keleher, Professor Jane Fisher, Professor Susan Davis, Associate Professor Robin Bell, Associate Professor Allen Cheng, Professor Andrew Forbes, Ms Danielle Horyniak)

The purpose of the Research Governance Committee (RGC) is to support researchers and research students at the School of Public Health and Preventive Medicine (SPHPM) in the conduct of high quality research.

The Research Governance Coordinator together with the Research Governance Committee provide researchers with resources, advice and assistance to ensure that the School continues to meet high research conduct standards.

Specific activities undertaken in 2012 included developing an online training package to be rolled out in 2013, implementing the self-audit as an online tool, exploring better electronic data transfer options, launching online Research Governance inductions as part of the SPHPM's on boarding for all new starters and updating the content of the departmental

Guide to Good Research Practice.

At the SPHPM, Research Governance is comprised of four elements:

- A Research Governance Coordinator and Committee;
- Audits of research projects by the Research Governance Officer (RGO) and self-audits by researchers;
- Induction of all new students; and
- Education through Good Research Practice short courses.

See our website for Terms of Reference, annual report, contact information and other information: www.med.monash.edu/sphpm/research-governance-committee.html



Research Governance Induction on the SPHPM on boarding page



Health Services and Global Research Division

- Centre of Research Excellence in Patient Safety (CRE-PS)
- Global Health Unit
- The Health Services Management and Research Unit
- The Michael Kirby Centre for Public Health and Human Rights
- The International Public Health Unit



Professor Peter Cameron

Centre of Research Excellence in Patient Safety (CRE-PS)

Professor Peter Cameron (Director)

The Centre of Research Excellence in Patient Safety (CRE-PS) was established in late 2005 to develop national research capability and capacity that would result in improved patient safety. CRE-PS designs, conducts, promotes and promulgates high quality multi-centre research to improve the quality, safety, efficiency and effectiveness of health care for Australians. CRE-PS undertakes research and patient safety initiatives in each state and territory, and internationally. Our research has focused on four main areas: using data to monitor quality of care, improving information transfer, reducing medication error and increasing patient safety.

Website: www.med.monash.edu.au/sphpm/creps/index.html



Research led by Dr Anna Barker, Senior Research Fellow, CRE in Patient Safety aims to improve the health and wellbeing of older people



Professor Ajay Mahal

Global Health Unit

Professor Ajay Mahal (Head)

The goal of the Global Health Unit is to develop a program of policy-relevant research and training in health systems and the economics of health, focusing on developing and middle income countries of the Asian-Pacific region.

The Unit's research focuses on a range of questions relevant to health systems, ageing, household and national impacts of health and the economics of human rights. The work includes evaluation of the impact of policy interventions.



Professor Just Stoelwinder

The Health Services Management and Research Unit

Professor Just Stoelwinder (Head)

The aim of the Health Services Management and Research Unit is to contribute to the effectiveness of clinicians by assisting them develop competencies in management, health policy and health services research. The Unit is a research partner with the Centre of Research Excellence in Patient Safety (CREPS) and it conducts research in health policy, workforce and financing.

Website: www.med.monash.edu.au/epidemiology/units-centres/hsm/





Associate Professor Bebe Loff

The Michael Kirby Centre for Public Health and Human Rights

Associate Professor Bebe Loff (Director)

The Michael Kirby Centre for Public Health and Human Rights is an exciting collaboration of interdisciplinary scholars in Monash University's School of Public Health and Preventive Medicine (SPHPM). The Centre was created to consolidate existing capacities, developed over 20 years, in the study of public health and human rights within the School.

The Centre comprises activists, lawyers, scientists and ethicists who undertake research that critically examines the contribution of human rights and law to the realisation of good health, particularly among vulnerable communities in Australia and in the developing world. The Centre aims to conduct research that informs the development of public health policies and examines programs in which human rights standards and norms are critically considered. It also undertakes teaching programs that facilitate informed inquiry about public health, law and human rights.

Website: www.med.monash.edu.au/michael-kirby/



The Shoklo Malaria Research Unit's clinic in Mae La refugee camp on the Thai-Burma border, where Dr Bridget Pratt undertook field work for her PhD (passed in 2012).



Professor Brian Oldenburg

The International Public Health Unit

Professor Brian Oldenburg (Head)

The International Public Health Unit consists of more than 40 researchers, PhD students, teaching, professional /administrative staff and research students conducting a diversity of research and education programs in Australia and internationally. Major areas of expertise are relevant to an improved understanding of the promotion of health and wellbeing, the prevention and control of non-communicable conditions, migration and health, addictive behaviours, health equity and social disadvantage, as well as other related global health issues. Many of the unit's research, training and capacity building projects are undertaken in low and middle income countries.

The unit coordinated another very successful AMREP World Health Day Forum (April 3, 2012) on the topic of "Healthy Ageing in a Global World". More than 200 participants attended from research, government and non-government organisations. The unit is currently headed by Professor Brian Oldenburg and from 2013 is re-named – Global Health and Society.

Website: www.med.monash.edu.au/epidemiology/iphu/



Data collection at a mobile clinic for the Kerala Diabetes Prevention Program in a rural community of Kerala, India



Occupational and Environmental Health Division

- Monash Centre for Occupational and Environmental Health (MonCOEH)
- The Australian Centre for Human Health Risk Assessment
- Water Quality Unit



Professor Malcolm Sim

Monash Centre for Occupational and Environmental Health (MonCOEH)

Professor Malcolm Sim (Director)

The Monash Centre for Occupational and Environmental Health (MonCOEH) is one of Australia's leading research and education centres in this field. The Centre brings together a vibrant team of over 30 researchers, PhD students, teaching and administrative staff who undertake and deliver diverse programs.

With expertise in a diverse range of epidemiological studies, MonCOEH's research focuses on the role and impact of workplace and environmental hazards. The Centre currently undertakes research investigating the role of workplace hazards as risk factors for chronic diseases such as cancer, respiratory disease, musculoskeletal disorders, skin diseases, hearing loss and mental health, and the role of environmental

exposures in the development of chronic diseases. Other research includes chronic disease screening in workplaces, exposure surveillance and assessment methods, the interrogation of workers' compensation datasets, and Veteran health research.

Website: www.coeh.monash.org/



Professor Brian Priestly

The Australian Centre for Human Health Risk Assessment

Professor Brian Priestly (Director)

The Australian Centre for Human Health Risk Assessment (ACHHRA) was established in 2002 with funding from the Innovations Program of the Commonwealth Government's Public Health Education and Research Program (PHERP). Following completion of the PHERP-funded project in 2006, ACHHRA became part of the Monash Centre for Occupational and Environmental Health (MonCOEH).

ACHHRA offers a multidisciplinary approach to health risk assessment, with access to expertise in epidemiology, toxicology, environmental sciences, analytical chemistry, microbiology, communicable diseases, clinical evaluation and biostatistics. Through training programs and workshops,

ACHHRA has assisted the development of the Human Health Research Assessment (HHRA) workforce for governments and the commercial sector. The main focus of ACHHRA is human exposure to hazardous chemicals and microorganisms arising from environmental or occupational media (air, water, soil and food). Hazardous chemicals and exposures may be of natural origin or result from anthropogenic activities. ACHHRA has been active in supporting Federal and State government agencies in managing environmental health risks, through participation in expert advisory panels, preparation of risk assessment guidance documents and peer review of reports.

Website: www.med.monash.edu.au/epidemiology/achhra/





Associate Professor Karin Leder

Water Quality Unit

Associate Professor Karin Leder (Head)

Members of the Infectious Disease Epidemiology Unit working within the Water Quality Unit are involved in research on water quality and public health. They also study the impact of environmental conditions on infectious diseases. There is a particular focus on assessing and managing the health impacts of microbial pathogens in conventional water supplies and alternative water sources such as rainwater, greywater, and recycled water. The Unit is also involved in updating the national water guidelines and in the research program of the national research organisation Water Quality Research Australia.

Website: www.med.monash.edu.au/epidemiology/infdis/crcwqt.html





Critical Care Research Division

- The Australian and New Zealand Intensive Care Research Centre (ANZIC-RC)
- Australian and New Zealand College of Anaesthetists (ANZCA) Trials Group
- Pre-hospital, Emergency and Trauma Unit
- Transfusion Research Unit



Professor Jamie Cooper



Professor Rinaldo Bellomo

The Australian and New Zealand Intensive Care Research Centre (ANZIC-RC)

Professor Jamie Cooper and Professor Rinaldo Bellomo (Directors)

The Australian and New Zealand Intensive Care Research Centre (ANZIC-RC) is a bi-national intensive care clinical research methods centre. The ANZIC-RC assists with the design, funding and execution of clinical trials. Advice and assistance is available from experienced Intensive Care Unit (ICU) researchers, data management/

bio-statistical consultants, project managers, epidemiologists and health economists. The Centre coordinates and conducts comprehensive research programs including observational studies, feasibility projects and large multi-centred, interventional, randomised controlled trials. It has the ability to support small, medium and large clinical trials.

Website: <http://www.anzicrc.monash.org/>



Professor Paul Myles

Australian and New Zealand College of Anaesthetists (ANZCA) Trials Group

Professor Paul Myles (Director)

The ANZCA Trials Group functions as a collaboration between Monash University and the Australian and New Zealand College of Anaesthetists (ANZCA). The goals of the group include providing high quality research support to existing, new and emerging multicentre studies in anaesthesia, perioperative and pain medicine. The ANZCA Trials Group also aims to develop collaborations (nationally and internationally) with other trials groups. In 2012, Trials Group members were successful in securing over \$5 million in NHMRC project grants.

Current trials group research includes:

ENIGMA-II: Evaluation of Nitrous Oxide and its Effect on Cardiac Morbidity

ATACAS: Aspirin and Tranexamic Acid for Coronary Artery Surgery

POISE 2: PeriOperative Ischemic Evaluation-2 Trial

The BALANCED Anaesthesia Study examining depth of anaesthesia using BIS monitoring

RELIEF: Restrictive versus Liberal Fluid Therapy in Major Abdominal Surgery.

Website: www.med.monash.edu/sphpm/anzca/index.html





Associate Professor
Belinda Gabbe

Pre-hospital, Emergency and Trauma Unit

Associate Professor Belinda Gabbe (Head)

The Pre-hospital, Emergency and Trauma Unit is headed by Associate Professor Belinda Gabbe and is a rapidly growing research unit. The unit is responsible for a number of leading clinical quality registries including the Victorian State Trauma Outcomes Registry Monitoring Group (VSTORM), the Victorian Orthopaedic Trauma Outcomes Registry (VOTOR) and the Bi-National Burns Registry (Bi-NBR). These registries play an important role in the health system and involve high-level interaction with senior industry, government, medical specialists and other professional and academic personnel. The unit also manages the NHMRC Centre of Research Excellence in Australian Resuscitation Outcomes Consortium (Aus-ROC), the NHMRC funded

RINSE trial (The rapid infusion of cold normal saline by paramedics during CPR) and the Safe Emergency Elderly Discharge (SEED) project funded by an Alfred Health Research Grant.

Website: www.med.monash.edu.au/epidemiology/traumaepi/index_traumaepi.html



Associate Professor Erica Wood

Transfusion Research Unit

Associate Professor Erica Wood (Head)

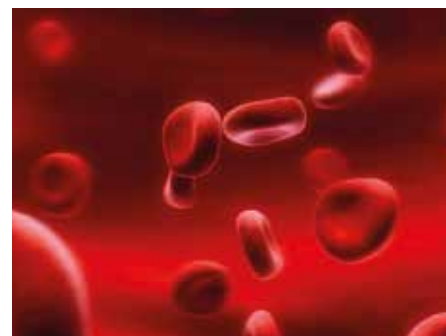
The Transfusion Research Unit (TRU) was formed at the beginning of 2010. TRU is the home of the Transfusion Outcomes Research Collaborative (TORC), a partnership between the Australian Red Cross Blood Service and Monash University's Department of Epidemiology and Preventive Medicine (DEPM). This collaboration has been pivotal to the design and progress of pioneering transfusion research in Australia.

Under the auspices of TORC, TRU has worked with clinical leaders to establish new national registries to collect information about conditions requiring major transfusion support, including the Thrombotic Thrombocytopenic Purpura (TTP) Registry, Neonatal Alloimmune Thrombocytopenia (NAIT) Registry, Aplastic Anaemia (AA) Registry and a bi-national Massive Transfusion Registry. TORC has also collaborated in data linkage activities with other large established clinical registries to better understand transfusion practice in trauma, cardiac surgery and ICU and develop models to predict and monitor blood use. In collaboration with the Epidemiological Modelling and Infectious Diseases Units, TORC is developing a model of clinical demand for blood products, which will enable the study of the impact of major blood shortages, such as during

disasters or pandemics. New activities include the establishment of a registry for haemoglobinopathies (such as thalassaemia and sickle cell disease) and exploration of the implementation of new national patient blood management guidelines.

TORC holds educational seminars to bring together clinicians, policy makers and researchers, and is also collaborating with Oxford's Systematic Reviews Initiative to conduct systematic reviews of the evidence base for transfusion practice. The TRU also manages other blood-related activities such as the venous thromboembolism cohort study, and the myeloma and related disorders registry.

Website: http://www.med.monash.edu.au/epidemiology/units-centres/transfusionresearch/index_transfusion.html and www.torc.org.au





Monash Applied Research Stream

- Women's Public Health Research
- Diabetes and Cardiovascular Disease Research
- Centre for Clinical Effectiveness (Monash Innovation & Quality, Southern Health)
- Clinical Research Support Services: Monash Biostatistical Research Support



Professor Helena Teede

Women's Public Health Research

Professor Helena Teede (Head)

The research team encompasses research fellows, students and staff with a variety of backgrounds including medicine (endocrinology, obstetrics, vascular medicine), basic science, psychology, dietetics, exercise physiology, nursing and health promotion. The unit has a number of programs including healthy lifestyles, obesity, PCOS and reproductive health, indigenous health, menopause and midlife health, evidence synthesis and guidelines, diabetes and cardiovascular disease, and a clinical trials program. Translation of research to a range of stakeholders including researchers, clinicians, consumers and policy makers is fundamental to the activities of this unit and is facilitated through links to the NHMRC and NGOs including Jean Hailes.



The Healthy Lifestyles team on the road in Cobden, Victoria (L-R: Cheryce Harrison, Catherine Lombard, Samantha Kozica, Nicole Ng)



Associate Professor Sophia Zoungas

Diabetes and Cardiovascular Disease Research

Associate Professor Sophia Zoungas (Head)

The Diabetes and Cardiovascular Disease Research Unit within the Monash Applied Research Stream, SPHPM at Southern Health is undertaking a variety of projects emphasising formative and translational research in the area of diabetes and cardiovascular disease prevention. The unit frequently collaborates with other institutions and hospital departments (such as podiatry, infectious diseases, vascular medicine, dietetics, and the emergency departments) within Southern Health to promote a multidisciplinary approach to clinical research that can be translated to clinical practice with the aim of improving health outcomes for patients.





*Adjunct Associate Professor
Claire Harris*

Centre for Clinical Effectiveness (Monash Innovation & Quality, Southern Health)

Adjunct Associate Professor Claire Harris (Director)

The Centre for Clinical Effectiveness (CCE) has joined with Monash Innovation and Quality, integrating redesign, business improvement, quality, safety and clinical effectiveness under one department. Monash Health is committed to evidence-based decision-making and the Centre for Clinical Effectiveness encourages and supports health professionals, managers and policy makers to use the best available evidence to improve healthcare.

CCE provides information, expertise and resources to assist health service personnel in obtaining evidence from research and incorporating it into everyday clinical practice and evaluating the effect on patient care. This involves using evidence-based practice, evidence-based decision-making and evidence-based change processes.

Website: http://www.southernhealth.org.au/page/Health_Professionals/CCE/



Angela Melder, CCE Senior Consultant in Clinical Effectiveness, delivering a workshop to Southern Health staff about evidence-based practice and how to use the best available evidence to inform decision-making in healthcare



*Associate Professor Sophia
Zoungas*

Clinical Research Support Services: Monash Biostatistical Research Support

Associate Professor Sophia Zoungas

The Monash Biostatistical Research Support Unit, MARS, based at the Monash Translation Precinct, Monash Medical Centre aims to enhance Southern Health's research efforts by the development, execution and reporting of clinical research studies and clinical audits. It specifically provides advice on study design, grant writing, power calculations and statistical analysis.

This service has provided over 540 hours of consulting time in the last 12 months

to more than 40 clinical research groups based at Southern Health and supports the deliberations of the Human Research and Ethics Committee.

Other support includes health services evaluation, project management expertise, clinical trial design and data management linked to SPHPM at AMREP.

These support programs are expanding into a Centre to support clinical applied research at Southern Health.





Education

- Undergraduate Teaching
- Postgraduate Teaching
- Doctoral Training
- Short Courses

Undergraduate Teaching

Monash University Bachelor of Health Science

There are an increasing number of jobs within the health sector that are non-clinical, associated with increased government investment in population health, health promotion and disease prevention. This investment is evidenced by the establishment of the Australian National Preventive Health Agency in 2011, the Victorian Government's contribution under the National Partnership Agreement on Preventive Health, and Medicare Locals.

A wide range of organisations require people to analyse health data, plan for health needs, and deliver population health programs. Bachelor of Health Science provides knowledge of the health sector and the factors influencing health, as well as skills in information management and analysis, program development, delivery and evaluation.

The course is a generalist three year degree in health, suitable for a range of students, including those interested in health but unsure of their career pathway, those interested in health promotion and health research careers and those who are using the course as a pathway to clinical roles.

Many graduates go on to further study in health, for example by doing an Honours year with our School in order to develop research skills, or undertaking studies for specific clinical roles such as nursing.

In 2012, we ran the full program of the new Bachelor of Health Science (BHSc) for the first time, with 28 units running across Semesters 1 and 2, including five third year units which ran for the first time. While most of the teaching staff moved from Caulfield Campus to the Alfred, we have retained a suite of offices and a reception desk at Caulfield campus, where students come into contact with staff. An increasing number of academic staff from across the School are now teaching within the program.

We experienced the largest ever number of student enrolments (311) in 2012. This represents a 24% increase on 2011, and includes 189 BHSc, 96 BHSc /Bachelor of Social Work and 26 BHS/Bachelor of Business students. An increasing number of students in other degrees are also undertaking Health Science units, including those enrolled in Nursing, Biomedical Science and other courses within the Faculty (36 students) and from outside the Faculty (36 students).

2012 also saw our first cohort of 22 graduates from the new BHSc program. We will follow the progress of these graduates with interest. Many have progressed to further study in our own Honours program, and in a range of health related and other programs.

In 2012 the Honours degree of Bachelor of Health Science (BHSc(Hons)) which commenced in 2010 was relocated from the Caulfield campus to the Alfred precinct, and course content was revised and enhanced. This move allows students to more readily engage with the very active research environment within the Alfred precinct, and to be located near their supervisors. Six students undertook the program in 2012, and all successfully completed their Honours degree, with some excellent results obtained. Enrolments have almost doubled in 2013, consolidating the degree and its significance as a pathway to research careers.

In 2012, Honours students undertook projects supervised by a range of SPHPM (and other) academic staff, in areas including pulmonary rehabilitation, health promotion program evaluation, access to reproductive health services for women with special needs, and the mental health of prisoners. A range of projects are available to students in 2013, drawing on the wide research interests represented in SPHPM. We anticipate that the BHSc(Hons) program will become the most significant of the three Honours programs currently offered within SPHPM.

Most enrolments in the BHSc(Hons) programs are from students who have completed the Bachelor of Health Science or the BHSc/BSW double degree, however students from the MBBS program undertaking the BMedSci(Hons)(Global) program may also enrol in the BHSc(Hons) program, and students who have completed other undergraduate degrees to the required academic standard are also able to undertake the BHSc(Hons) program, and have successfully done so.

Website: www.monash.edu/study/coursefinder/course/3882/



Bachelor of Health Science Students

Bachelor of Health Science/Bachelor of Social Work Student Making a Difference in Disadvantaged Communities



Ms Ame Pocklington: A 3rd year Bachelor of Health Science and Social Work Student

With a keen interest in public health, social justice and human rights, Ame Pocklington has recently returned from Timor Leste where she volunteered for three weeks. Ame is keen and ready to start the Honours year of her double degree (Bachelor of Health Science and Bachelor of Social Work).

Ame is involved in a volunteer organisation, Friends of Baguia, a community organisation that supports the people of Baguia in a number of local projects. On her second volunteer trip to Timor Leste, Ame helped install water tanks to provide clean drinking water, supported a computer skills training program and taught classes about malaria.

"I always wanted to gain skills and knowledge that would allow me to work with disadvantaged communities and to make a difference in the world," says Ame. "The Bachelor of Health Science and Bachelor of Social Work is enabling me to work in public health and to make real changes at a community level."

Ame believes the disciplines of health science and social work complement each other. "Social work provides good perspectives on individual counselling, working with disadvantaged people and how to be considerate of difference," says Ame, "while Health Science has given me the tools to work in a community development context, and to understand what makes some populations healthier than others."

"The best part of my course is its diversity," says Ame. "I've studied units in public health, global health, population health, program management, social policy and biology. I have acquired a broad range of skills which I can use when I enter the workforce."

Ame says that learning about the determinants of health has been the best part of her course. "I have a really strong framework for analysing health issues from a population level." Ame adds that understanding global health and patterns of health and disease around the world is important in addressing disadvantage.

"The Bachelor of Health Science has not only given me insight into public health issues but has also provided me with program development and program management skills to make a positive contribution to communities."

Bachelor of Medicine and Bachelor of Surgery

A number of SPHPM staff are actively involved in teaching the MBBS programme, including Professor Robin Bell, Dr Robert Hall, Professor Just Stoelwinder, Associate Professor Dragan Ilic, Dr David Goddard, Dr Helen Ackland and Professor Robert Burton. The School mainly teaches into Theme 2, 'Population, Society, Health and Illness' of the MBBS programme. This theme includes units in

- Health, knowledge and society
- Population health
- Community based practice and health promotion
- Occupational and environmental medicine
- Evidence-based clinical practice
- Health systems, management and policy

Health Knowledge and Society and Population Health

Dr Helen Ackland coordinates the Health, Knowledge and Society unit in the first semester of the first year and Professor Robin Bell coordinates the Population Health Unit in second semester of the first year. Ms Penny Robinson coordinates the tutors for the Population Health unit as well as contributing to the lecture program and curriculum development.

Community Based Practice and Health Promotion

Second year students at Clayton and Sunway undertake a unit in the community based practice program on health promotion. Professor Robin Bell coordinates and teaches this unit, together with Dr Craig Hassed from the Department of General Practice. This unit introduces students to community based organizations and is their first contact with patients and clients where they learn about their professional role. A key component in this unit is learning about the place of health promotion in modern health care. Students undertake a group research project with the community based organization. The Chris Silagy Award is presented each year for the best project.

Occupational and Environmental Medicine

Dr David Goddard and Dr Andrea James coordinate the unit in occupational and environmental medicine in the second semester of Year 3 and Year B of the graduate entry medical course.

Evidence Based Clinical Practice (EBCP)

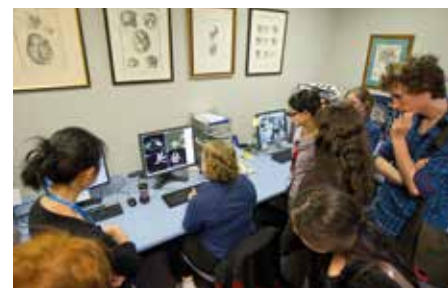
EBCP is coordinated by Associate Professor Dragan Ilic. The unit aims to equip students with the skills to identify, appraise and integrate the best available evidence to their clinical training and practice. Associate Professors Dragan Ilic and Elmer Villanueva have worked together to develop the

program which is delivered to graduate entry medical students.

The EBCP program was also exclusively delivered as online teaching to over 400 4th year MBBS students across all metropolitan Melbourne and rural sites in the Gippsland region, Australia and Malaysia.

Health Systems Management and Policy (HSMP)

HSMP is delivered to over 450 students in the 4th year of the MBBS course in Clayton and Sunway Malaysia, and in Year C of the graduate entry program. The aim of this program is to provide background knowledge and understanding about health systems and policy issues that affect clinical practice. Issues covered include the coordination of clinical care through mechanisms such as guidelines and pathways, team work and case management, patient safety, risk management, clinical governance, accountability and strategies to change clinical practice. Teaching materials are presented online and weekly discussion groups are moderated by senior medical administrators and practitioners



Undergraduate and Graduate Entry Medical Law Programs

The Department of Forensic Medicine teaches medical law to both the undergraduate and graduate stream medical students at Monash University. It covers ten key areas of law relevant to clinical practice and uses over 60 medical lawyers, clinicians to deliver small group tutorials to students in most years of the two medical degrees.

In 2012 Associate Professor David Ranson took over the coordination of the medical law tutorial programs. A number of changes to the teaching methods were initiated to update the program including the gradual introduction of on-line methods and more content in the latter years of the medical degrees.

Bachelor of Biomedical Science

The School taught four units of the BBiomedSc program in 2012, including two core units, Biomedical Science and Society and Molecular Medicine and Biotechnology: NCD, obesity and injury.

Two elective units were also taught – Introduction to the Health System and Contemporary Health Challenges. The School hosted 3rd year BBiomedSc students for short-term rotations and research placements, providing exposure to public health and applied clinical research, and to public health practice, learning how health is maintained and how illness is controlled at local, regional and national levels.

We continued to teach into the BBiomedSc Honours program in conjunction with the Baker IDI and the Burnet.

Elements of Forensic Medicine

For 23 years, the Department of Forensic Medicine and the Faculty of Law have jointly offered teaching to undergraduate law students in the Elements of Forensic Medicine unit, a unique option in the Law curriculum. Each year Emeritus Professor Louis Waller and Professor Stephen Cordner provide current and relevant information to students using a variety of sources. The unit continued to be popular with 44 students enrolled in 2012

Each year the Victorian Institute of Forensic Medicine Prize for Elements of Forensic Medicine, which is sponsored by the Department of Forensic Medicine, is awarded to the student who achieves the highest mark. This year the \$500 prize was awarded Ms Irene Drossinos for being the best student in 2011. The 2012 prize will be announced in 2013.



Honours Information night at SPHPM



The SPHPM Summer Vacation Program

This year, 27 students received scholarships from the School of Public Health and Preventive Medicine to experience medical research first hand by participating in the summer vacation program. The program attracted a wide range of students currently completing degrees in Bachelor of Health Science, Biomedical Science, Medicine and Surgery, Engineering, Science, Nutrition and Dietetics, Nursing and Emergency Health. Each of the students worked with a senior researcher within the school to undertake a small research project or contribute to current research in applied clinical and public health research.

As part of the program, the students visited the Intensive Care Unit, Emergency Department and the William Buckland Radiotherapy Centre at the Alfred Hospital and the Department of Health. This year they also spent time with ambulance staff and observed the pressures faced by the pre-hospital and emergency teams in their day to day work.

The overall consensus was that the program provided students with a better idea of the work involved in establishing and completing a research project, as well as honing their statistical and applied research skills. They were also able to meet with physicians doing both research and clinical practice which demonstrated to students that there are many career options within medicine.

The highlight for many of the students was completing a research paper and being listed as a co-author of a published work.

"As well as learning new skills, I will be presenting a paper in April 2013 where I get to show others how my research contributes to new ideas," explained student Stephanie Di Palma, Top Student of the Year.

"I love reading and learning, and this program has shown me that there are alternatives to being a doctor," said Jihan Ibrahim-Dost.

The Summer Vacation Scholarship Coordinators for 2012 were Dr Jay Illesinghe (jayamini.illesinghe@monash.edu) and Ms Basia Diug (Basia.Diug@monash.edu).

Website: <http://www.med.monash.edu.au/sphpm/summer-vacation-program/>



The Top 5 Students for 2012 (L to R); Mr Mayer Melhem, Ms Stephanie Di Palma (Top Student of the Year), Mr Jihan Ibrahim-Dost, Ms Katherine Allnutt, Ms Jessica Minshall

Preservation Poem – By Fiona Pavan

Placebo-controlled
Randomized double-blinded trial to
Evaluate the
Safety and
Effectiveness of IK-5001 (seaweed gel) for the prevention of
Remodelling of the
Ventricle and congestive heart failure
After acute myocardial infarction

Preventing heart failure is the aim of the game,
And seaweed gel is our claim to fame.
What we hope will be the end resolution,
Is maintaining ventricular constitution.

Patients must have a big heart attack,
With the left ventricle having copped a fair whack!
But an AMI of the right kind,
Is not as easy as you'd think to find.

Recruitment criteria is strict and specific,
Troponin rise, ST changes, the list is not terrific!
Time limits, echos and PCI,
EF values and blood results, all of which apply.

It's not very often that these patients present,
English speaking, under 70 and willing to consent.
But to make it happen and chase this dream,
Who else better than the Clin Pharm team?

With Captain Henry, Susie and Marina,
Robyn, Ingrid, Carolyn and Sarina.
We are team awesome, we are the best,
And with these superstars, you'd expect nothing less.

Heart attacks can have grave complications,
With infarcts upsetting important foundations.
The heart tries to pump with increased vigour,
But alas, the ventricle just keeps getting bigger.

But what can be done to stop this outcome,
To which the heart will eventually succumb?
With patients and doctors all in dismay,
Along comes seaweed to save the day!

Into the coronaries the seaweed's injected,
With heart remodelling to then be affected.
By forming a structure around the ventricle,
The seaweed helps keep the heart symmetrical.

Provided we can see the heart silhouette,
It is injected within five days of on-set.
It starts off a liquid and becomes a gel,
Calcium is what converts it, in a heart-muscle cell.

You'd wonder from something so bazaar,
How good the results have been thus far.
The study is being conducted world-wide,
And thankfully no one is yet to have died.

We hope one day this'll be part of the norm,
With patients post-MI in tip-top form.
To be involved in this study, I am very grateful,
And of promising results, I am very faithful.

Acronyms:

AMI- acute myocardial infarction/heart attack, ST: a segment seen on ECG that changes during a heart attack, EF: ejection fraction, PCI: percutaneous intervention (stenting), Clin Pharm: Clinical Pharmacology, Echo: echo-cardiogram, Heart silhouette: cardiac borders, MI: myocardial infarction

Progress Report of Fiona Pavan's Project. Fiona was the winner of the '2012 SPHPM blog prize'.

Postgraduate Teaching

SPHPM is committed to providing students with the full range of quantitative, analytical and communication skills necessary to work in the broad domain of public health. It especially focuses on developing skills in the quantitative methods of the population-based health sciences and their problem solving application for primary care provision both in Australia and developing countries.

Students were offered specialisation by the Department of Epidemiology and Preventive Medicine (DEPM) in the following areas:

- Public Health
- Biostatistics
- Clinical Research Methods
- Health Services Management
- International Health
- Occupational and Environmental Health

DEPM's postgraduate courses attracted students from a wide range of medical and allied health backgrounds, including medical, nursing, physiotherapy, pharmacy and health management. The majority of specialisations offered courses as Graduate Certificate, Graduate Diploma or a Masters program. The department taught over 80 units, mainly in an off campus mode i.e. on-line plus block days. The most popular program within the School is the Master of Public Health under the coordination of Professor Flavia Cicuttini.

The Department of Forensic Medicine offered the Master of Forensic Program. This program, catering for medical and dental practitioners working (or proposing to work) in the field of forensic medicine, is the only course of its kind in the English speaking world. The course fills a unique niche in the educational domain of clinical forensic medicine and enables forensic medical practitioners and forensic odontologists to practice within the framework of ethical, medical and legal principles, standards and rules.

2012 SPHPM Postgraduate Course Enrolments

Course Name	Specialisation	Student Course Enrolments
Master of Public Health Doctor of Public Health	Public Health	264
Graduate Certificate of Biostatistics Graduate Diploma of Biostatistics Master of Biostatistics	Biostatistics	25
Graduate Certificate in Clinical Research Methods Graduate Diploma in Clinical Research Methods Master of Clinical Research Methods	Clinical Research Methods	28
Master of Forensic Medicine	Forensic Medicine	60
Graduate Certificate in Health Services Management Graduate Diploma in Health Services Management Master of Health Services Management	Health Services Management	96
Graduate Diploma in International Health Master of International Health	International Health	38
Graduate Certificate in Occupational Health Graduate Diploma in Occupational and Environmental Health Master of Occupational and Environmental Health	Occupational and Environmental Health	43
2012 Total		554

as of 08.10.2012 (Monash Statistical Services)

Website: www.med.monash.edu.au/sphpm/postgrad.html

Applying Epidemiological Skills Gathered Through the MPH Course in Industry



Mr Jeffrey Davey: MPH Student

Jeff Davey, a former CEO of one of Victoria's largest aged care not for profit organisations, was often frustrated by the lack of evidence to support policy decisions. To position his organisation as a value added provider to government, he realised that it was vital to conduct epidemiology research to enhance service quality.

Initially wanting to develop his ability to properly manage the research team, Jeff commenced a Master of Public Health (MPH) at the School of Public Health and Preventive Medicine. Looking at the various offerings, he chose the Monash MPH because of its reputation as a top tier course which teaches the evidence based quantitative skills required to better interface with government and evaluate public health delivery outcomes.

"The Monash MPH offered me convenience of online delivery, excellent content and the academic rigour that I require to develop my skills in epidemiological research", Jeff said.

"My experience, particularly within the aged care sector, is that there are lot of people doing a lot of good things, but much of it is not evidence based. I believe there is a tremendous opportunity for managers and leaders to have a much more rigorous basis for their management and professional practice and the MPH is a fantastic way to get that."

Drawing on his 20 years of experience within the aged care sector, Jeff acknowledges that his MPH has changed the way he thinks about health service delivery.

He now feels better able to engage with practitioners on both a strategic and operational level as well as contribute to policy development, work with government and use evidence to evaluate service delivery efficiencies.

"I just wish I had these skills years ago. The evidence based and epidemiological based approach I have gained from the MPH will really help me and the industry."

Doctoral Training

Our doctoral program has trained many health professionals for senior careers in public health. The program has continued to grow and attracts students from around Australia and globally.

In 2012, we had 133 continuing and 26 new PhD students enrolled, including 12 Doctor of Public Health (DPH) students. Ten of these DPH students were in the Victorian Public Health training Scheme. Nineteen PhD students were examined and passed. The students are from many backgrounds, including medicine, science, physiotherapy, public health, psychology and nursing. The progress of students is facilitated by a very strong research environment, with an extensive program of NHMRC funded research and access to extensive infrastructure. Support includes assistance in biostatistics, data management, computing and support from experienced staff and a large student body. We also have a coordinator of Good Research Governance, who advises doctoral students on the development of protocols and adherence to strict research guidelines.

Dr Elizabeth Douglas (elizabeth.douglas@monash.edu) coordinated the 2012 PhD program, and Ms Lindy Friswell assisting in her role as doctoral program administrator.

The following doctoral students won awards during the year:

Ms Melanie Gibson-Helm

International Journal of Endocrinology Travel Grant (1 of 16 awards from a conference of over 2000 abstracts) to attend the International Congress of Endocrinology/European Congress of Endocrinology held in Florence, Italy in May 2012.

Dr Anjali Haikerwal

Alfred Week (October 2012): Michael J Hall Memorial Prize for Research in the Field of Respiratory Disease/Physiology. Poster presentation titled: Cardiovascular and Respiratory Health Effects of 2006/2007 bushfire smoke in Victoria.

Australasian Epidemiological Association: Post graduate student travel award.

Dr Joseph Doyle

The Gerry Murphy Prize for best public health research project awarded by the Faculty of Public Health Medicine.

Mr Matthew Page

Thomas C Chalmers Award at the 20th Cochrane Colloquium for delivering the best oral presentation addressing methodological issues related to systematic reviews.

Ms Alisa Pedrana

Monash University Bridging Postdoctoral Fellowship, 2012-2013.

Scholarship Recipient for the International Union against Sexually Transmitted Infections Conference, Melbourne 2012.

Endeavour Executive Award 2012.

Dr Ingrid Hopper

Australasian Society of Clinical and Experimental Pharmacologists and Toxicologists (ASCEPT) awarded the Clinical Prize for the poster titled: Can Medications be safely withdrawn in heart failure? Systematic review and meta-analysis of available data.

Dr Sathish Thirunavukkarasu

Victoria-India Doctoral Scholarship sponsored by the Victorian Government.

Dr Victor Hoe

Awarded 'best oral presentation award' at the 1st APCEEEM conference.

Ms Shan Liu

Alfred Week: Poster winner, Baker IDI Heart and Diabetes Institute Prize for Cardiovascular Research in a very competitive field.



Mr Victor Hoe (L) receiving his award for the 'best oral presentation' at the 1st APCEEEM conference

PhD Student at SPHPM, Developing a Network of Collaborators for her Future



Ms Marsha Ivey: PhD Student at SPHPM

For Marsha Ivey, growing up in the Caribbean made her realise the importance of tackling public health issues at a global level. Non-chronic communicable diseases are a major issue, both globally and in her region, yet the research was lacking.

“I was always interested in maths and health so I completed a BSc, majoring in mathematics. Looking for a way to apply my skills to help solve public health problems, I worked as a research assistant and became fascinated with statistics.”

She completed an MSc in statistics and commenced work at the Caribbean Epidemiology Centre, initially as a data manager and then statistician. This work required Marsha to interact with public health professionals from different countries.

Passionate about a career in public health, Marsha finished a second Masters degree, this time in Public Health, and decided to undertake a PhD at Monash University.

“PhDs are not always about going into academia, they are about building skills for life. As such, a PhD can take you on another path such as business, non-government organisations or, in my case, working at either an NGO or a regional public institution.”

For Marsha, the most important thing is being able to give back to her region by contributing to the development of public health.

“I am hoping that with my skills and past experience, I will be able to work with a new institute that is being established in my region. My Monash PhD gives the credibility to take my career to a new level where I can influence public health decision making and implement changes that will help my region.”

As well as academic skills, Marsha’s PhD has connected her with leading researchers around the world.

“For me, my PhD is more than skill building. It’s people building and establishing links with other international researchers which I can tap into when I return home.”

Short Courses

The SPHPM Short course program consists of specialised courses delivered by experts in a variety of research areas. These short courses aim to provide short-term, intensive educational opportunities for those seeking professional development, or as an alternative to full-time studies. In 2012 SPHPM conducted 19 courses attracting over 1200 enrolments.

<http://www.med.monash.edu.au/sphpm/shortcourses/>

<http://www.med.monash.edu.au/sphpm/creps/seminars.html>

<http://acc.cochrane.org/>

Australian Certificate of Civil Aviation Medicine (ACCAM)

Convenor: Dr David Newman

This two week course qualifies medical practitioners to register with the Civil Aviation Safety Authority (CASA) as Designated Aviation Medical Examiners (DAMEs).

Biostatistics for Clinical and Public Health Researchers

Convenor: Dr Baki Billah

This course allows students to perform statistical analyses, report their findings and interpret their results as well as critically appraise the statistical aspects of research publications in bioscience.

Ethics and Good Research Practice

Convenor: Dr Liz Bishop

The aim of this short course is to provide course participants with an understanding of what constitutes good practice in research and what factors make research ethical or unethical.

Health Promotion

Convenors: Nerida Joss, Sarah Carmody and Associate Professor Ben Smith

This five-day course for health practitioners develops knowledge and skills for health promotion planning, strategy selection and evaluation.

Introduction into Systematic Reviews of Interventions

Convenors: Sharon Kramer and Matt Page

Students in this course receive a detailed introduction to the methods involved in conducting a systematic review of an intervention, and enables participants to plan and commence a review of their own.

Introduction to Stata

Convenors: Associate Professor Rory Wolfe and Pam Simpson

This course provides an introduction to the statistical analysis software program, Stata Release 12, covering basic data management issues and popular epidemiological analyses.

Monash Certificate in Clinical Occupational Medicine

Convenor: Dr David Fish

The Monash Certificate in Clinical Occupational Medicine is a short course designed for occupational medicine trainees, GPs and other medical practitioners who assess and manage patients with work-related injuries and diseases.

Centre of Research Excellence in Patient Safety (CRE-PS)

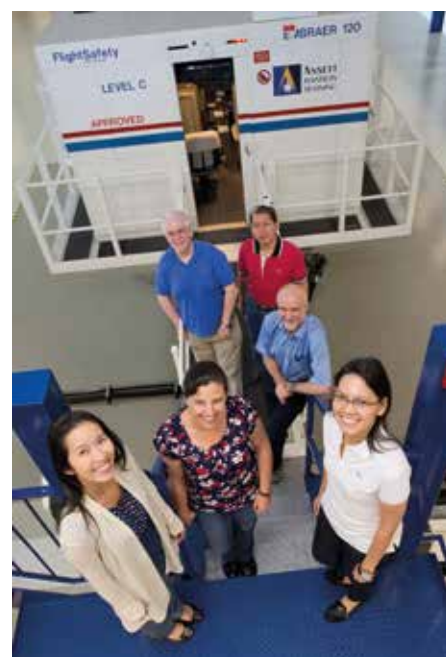
The following short courses were administered by the Centre of Research Excellence in Patient Safety.

- Missioncraft in Disaster Relief Operations
- Emergency Medicine Research Short Course (semesters 1 and 2)
- Emergency Department Management
- ACEM Scientific Meeting
- The Safe Ward Seminar
- Exercise for improving balance and bone mineral density workshop
- The 2012 International Emergency Care Symposium
- Using data to drive practice change and improve patient outcomes
- Preventing falls in the hospital setting

Australasian Cochrane Centre (ACC)

In 2012, ACC delivered two short courses across Australia.

- Introduction to writing a Cochrane Systematic Review (3 days)
- Cochrane Review Completion Course (5 days)



The November 2012 ACCAM students attend an off-site visit to the Ansett Flight Simulator Centre as a part of their 2 week program



Students of the 2012 Monash Certificate in Clinical Occupational Medicine with course convenor Dr David Fish (Front, 4th from L)



Staff

Head of School

Prof John J McNeil; AM, MBBS MSc
PhD FRACP FAFPHM Prevention
Science

Deputy Head of School

Prof Michael Abramson;
MBBS(Hons), BMedSc(Hons),
PhD, FRACP, FAFPHM Clinical
Epidemiology

Deputy Heads - Divisions

Prof John J McNeil; AM, MBBS MSc
PhD FRACP FAFPHM Prevention
Science

Prof Michael Abramson;
MBBS(Hons), BMedSc, PhD,
FRACP, FAFPHM Clinical
Epidemiology

Prof Peter Cameron; MBBS, MD,
FACEM Critical Care Research

Prof David (Jamie) Cooper; BMBS,
MD, FRACP, FCICM Critical Care

Prof Andrew Forbes; BSc (Hons)
MSc PhD, FACS, FAAAA Research
Methodology

Prof Malcolm Sim; BMedSc, MBBS,
MSc, GDipOccHyg, PhD, FAFOM,
FAFPHM, FFOM Occupational and
Environmental Health

Prof Just Stoelwinder; MBBS, MD,
FRACP, FRACMA, FACHE, FAFPHM
Health Services and Global Health
Research

Prof Helena Teede; MBBS, FRACP,
PhD Monash Applied Research
Stream

Heads of Departments/ Centres/Units

Prof John J McNeil; AM, MBBS,
MSc, PhD, FRACP, FAFPHM
(Department of Epidemiology and
Preventive Medicine [DEPM])

Prof Michael Abramson;
MBBS(Hons), BMedSc, PhD,
FRACP, FAFPHM (Clinical
Epidemiology)

Prof Robert Atkins; AM, MBBS,
MSc(Colorado), DSc, FRACP (Renal
Disease Prevention)

Prof Rachelle Buchbinder; MBBS
(Hons), MSc (Clin Epi), PhD, FRACP
(Clinical Epidemiology [Cabrin])

Prof Peter Cameron; MBBS,
MD, FACEM (Centre of Research
Excellence in Patient Safety
[CREPS])

Prof Flavia Cicuttini; MBBS (Hons),
MSc, PhD, DHTM, FRACP, FAFPHM
(Musculoskeletal Epidemiology)

Prof David (Jamie) Cooper; BMBS,
MD, FRACP, FCICM Intensive Care

Prof Susan Davis; MBBS FRACP
PhD (Women's Health)

Prof Olaf Drummer; PhD, BAppSc,
CChem, FRCPA, FFSC (Department
of Forensic Medicine [DFM])

Prof Jane Fisher; BSc (Hons), PhD,
MAPS (Jean Hailes Research Unit)

Prof Andrew Forbes; BSc(Hons),
MSc, PhD (Biostatistics,
Epidemiological Modelling)

A/Prof Belinda Gabbe; MAppSc,
BPhysio, PhD, NHMRC CDA (Pre-
hospital, Emergency & Trauma)

Prof Sally Green; PhD,
GDip(ManipPhysio), BAppSc(Physio)
(Co-director Australasian Cochrane
Centre)

Adjunct A/Prof Claire Harris; MBBS
GradDip(Child Development)
MSc(Public Health) FAFPHM (CCE
Research)

Prof Henry Krum; MBBS, PhD,
FRACP, FCSANZ, FESC (CCRE
Therapeutics)

A/Prof Karin Leder; MBBS(Hons),
FRACP, PhD, MPH (Infectious
Diseases, Water Quality)

Clinical Professor Michael Levy; MB,
BS (Hons II) UNSW, MPH USyd,
FAFPHM

A/Prof Bebe Loff; BA, LLB, MA
(Medical Law and Ethics), PhD (The
Michael Kirby Centre for Public
Health and Human Rights)

Prof Ajay Mahal; BA (Economics)
(Hons) (Global Health)

Prof Paul Myles, MD, FANZCA
(ANZCA Research)

Prof Brian Oldenburg; BSc(Hons),
MPsych, PhD (International Public
Health Unit [IPHU])

Emeritus Prof Paul O'Brien; MD,
FRACS & Associate Prof Wendy
Brown; MBBS(Hons) PhD FRACS
FACS (Centre for Obesity Research
and Education [CORE])

Dr Louise Phillips; BSc(Hons), MPH,
PhD (Transfusion Research Unit
[TRU])

Prof Brian Priestly; BPharm,
MPharm, PhD (ACHHRA)

Prof Christopher Reid; BA,
DipEd, MSc, CertHE, PhD (Data
Management)

Prof Malcolm Sim; BMedSc,
MBBS, MSc, GDipOccHyg, PhD,
FAFOM, FFOM (Occupational &
Environmental Health)

Prof Just Stoelwinder; MBBS, MD,
FRACP, FRACMA, FACHE, FAFPHM
Health Services and Global Health
Research

Prof Helena Teede; MBBS, FRACP,
PhD (Monash Applied Research
Stream [MARS])

Prof Andrew Tonkin; MBBS, MD,
MRACP, FRACP (Cardiovascular
Research)

A/Prof Erica Wood; MBBS, FRACP,
FRCPA (Transfusion Research Unit
[TRU])

A/Prof Robyn Woods; BSc(Hons),
PhD (ASpirin in Reducing Events in
the Elderly [ASPREE])

Prof Barbara Workman; MBBS,
FRACP, MD, AFRACMA (Monash
Ageing Research Centre [MONARC])

A/Prof Sophia Zoungas; MBBS,
FRACP, PhD (Diabetes and
Cardiovascular Disease Research,
Clinical Research Support Services)

Precinct Manager

Mr Gavin Horrigan, MBA, BSc.
(Hons)

Research Manager

Dr Jayamini Illesinghe; PhD,
BBiomed (Hons) Grad.Dip.Ed.

Doctoral Manager

Dr Elizabeth Douglas; BA,
GradDipHealthPsych, PhD

Research Governance Officers

Mrs Marina Skiba; B.Ed(Sec:SC)

Dr Elizabeth Bishop, PhD, LLB, BA

Marketing & Communications Manager

Ms Suzy Giuliano

Postgraduate Programs Manager

Ms Maida O'Keeffe

Projects Manager

Ms Tania Richter

Ms Jessica Oddy

Professors

Prof Robin Bell; MBBS (Hons) PhD MPH FAFPHM Cert Health Econ, Grad Cert Health Prof Educ

Prof Rinaldo Bellomo; MBBS (Hons), MD (USA), MD (Monash), FRACP, FACC, FCICM

Prof Judith Finn; PhD, MEdSt, GradDipPH, BSc, DipAppSc, RN, RM, ICCert, FACN, FAHA

Prof Robert Burton; MBBS, BMedSci, PhD, MD, BA

Prof Stephen Cordner; AM, MA, MBBS, BMedSc, DipCrim, DMJ, FRCPPath, FRCPA (Chair in Forensic Medicine)

Prof Joseph Ibrahim; MBBS, GradCertHigherEd, PhD, MRACMA, FAFPHM, FRACP

Prof James Isbister; BSc(Med), MBBS, RACP

Prof Joan Ozanne-Smith; MBBS, MPH, MD, FAFPHM

Prof Robert Power; PhD, PostGrad. Cert (Education), BSc (Econ)

Prof Michael Reade; MBBS, BSc, MPH, DPhil, DMMC, DIMCRC, SEd, PGCertAME, FCCP, FANZCA, FCICM

Prof Christopher Reid; BA, DipEd, MSc, CertHE, PhD

Adjunct Professors

Prof Kerry Breen; AM, MMBS, MD (Melb), FRACP

Prof Gilles Capellier; MD MSc PhD

Prof Andrew Coats; MA (Oxon), MBB Chir (Cantab), DM(Oxon), DSc (London), FRAP, FRCP, FESC, FACC, FAHA, FCSANZ, FAICD, MBA (London Business School)

Prof Robert Conyers; MBBS, BSc(Hons), PhD, MBL, FRCPA, FFSc, FAICD, AFRACMA, MAACB, MRACI

Prof George Jelinek; MBBS, FACEM, Dip Hyp Med, MD, Advance Card Life Supp, Advanced Trauma Life Supp

Prof Mark Nelson; MBBS(Hons), GradDip Fam Med, MFM, PhD, FRACPG, FAFPHM

Prof Carlos Scheinkestel; MB BS, FRACP, Dip DHM, FCICM

Prof Simon Stewart; BA, RN, BN, GradDipEd, PhD

Prof David Thompson BSc MA PhD MBA RN FESC FRCN FAAN AFBPsS

Prof Paul Zimmet; AO, FRACP, FRCP (London), FACE, FACN, FAFPHM, FTSE Honoris Doctoris Causa

Associate Professors

A/Prof Michael Bailey; BSc(Hons), MSc(Stats), PhD

A/Prof Warwick Butt;

A/Prof Allen Cheng; MBBS, Grad Dip (Clin Epi), MPH, PhD, FRACP

A/Prof Dawn Elder; MB, ChB, DCH, FRACP, Grad.Cert. Paediatric Sleep Science, PhD

A/Prof Deborah Glass; MA, MSc, PhD, DipOccHyg, COH

A/Prof Dragan Ilic; BSc, MSc, PhD

A/Prof Damien Jolley; MSc(Epidemiol)(London) MSc(Statistics) Astat

A/Prof Catherine Joyce; BA(Hons), MPsy, PhD, GCHE

A/Prof Farees Khan;

A/Prof Jeffrey Lefkovits; MBBS

A/Prof Dianna Magliano; BAppSc(Hons), PhD

A/Prof Alistair Nichol; MBChB, BAO, DipMan, FRCARCSI, PhD

A/Prof Robert Power;

A/Prof Priscilla Pyett; DHSc, BA (Hons)

A/Prof Andre Renzaho; PhD, MPH, MPHAA

A/Prof Ian Scott; MBBS, FRACP, MHA, MED

A/Prof Benjamin Smith; GCHE, BSW(Hons), MPH, PhD

A/Prof Peter Smith; PhD, MPH, BAppSc

A/Prof Bing Wang; PhD, MSc, BSc, DIBICM, FCARCSI, MB BAO Bch

A/Prof Anita Wluka; MBBS, PhD, FRACP

A/Prof Rory Wolfe; BSc, PhD

A/Prof Sophia Zoungas; MBBS, FRACP, PhD

Adjunct Associate Professors

A/Prof Maximilian de Courten; MD MPH

A/Prof Paul Dietze; BSc(Hons) PhD

A/Prof Anne Abbott; PhD, MB BS, FRACP

A/Prof Terri Allen; PhD

A/Prof Zahid Ansari; MS, MPH, MBBS

A/Prof Stephen Bernard; MBBS, FACEM, FJFICM

A/Prof Alexander Black;

A/Prof Caroline Brand; MBBS, FRACP, BA, MPH

A/Prof Christopher Briggs; DipEd, BSc, MSc, PhD

A/Prof Fiona Clay; PhD MSc BSc Grad Dip Epidemiology and Biostatistics

A/Prof Christopher Clements; MBBS, MSc, DCH, DObst, LRCP, MRCS, FAFPH, MFPH, MCCM

A/Prof Solomon Cohnery; PhD, FRACP

A/Prof Andrew Davies; MBBS, FRACP, FJFICM

A/Prof Changhai Ding; MBBS, MMed, PhD

A/Prof Roger Drew; PhD, DABT

A/Prof Andrea Driscoll; RN, MED, MN, PhD

A/Prof Elton Edwards; MBBS, FRACS, FAOrthA

A/Prof Damon Eisen; MD, FRACP

A/Prof Cecily Freemantle; PhD

A/Prof Peter Greenberg; MD PhD FRACP

A/Prof Robyn Guymier; MBBS, PhD, FRANZCO

A/Prof Claire Harris; MBBS GradDip(Child Development) MSc(Public Health) FAFPHM (OCE Research)

A/Prof Margaret Hellard; MBBS, PhD, FAFPHM, FRACP

A/Prof Peter Hodsman; MBChB, MD, MRCP(UK), FRCP, FRACP

A/Prof David Hunt; MBBS, MD, FRACP, FACC, FRCSANZ, DDU, RFD

A/Prof Vladimir (Michael) Jelinek; MBBS MD FRACP FACC MRACP

A/Prof Stanley Luchters; MD, M.Sc. Public Health, PhD

A/Prof Graeme Maguire; BMedSc (Hons), MBBS (Hon), FRACP, MPH&TM, PhD

A/Prof Ian Millar; MBBS, FAFOM, Cert DHM

A/Prof Biswadev Mitra; MBBS, MHSM, FACEM

A/Prof Harry Mond; MBBS, MD, FRACP, FACC, DDU, FCSANZ, FHRS

A/Prof Maria-Cristina Morganti-Kossmann; PhD

A/Prof Terrence Mulligan; DO, MPH

A/Prof John Myburgh; MBChB, PhD, DA(SA), FANZCA, FJFICM, FFICANZCA, FANZCA, FFARACS

A/Prof Julie Pasco; BSc(Honours), DipEd, PhD, MEpi

A/Prof Sandra Peake; BMBS BSc (Hons) FCICM PhD

A/Prof Anna Peeters; BSc(Hons), PhD

A/Prof Ville Pettila; MD, PhD

A/Prof David Pilcher; MBBS, MRCP, FJFRM, FRACP

A/Prof Jeffrey Presneill; MBBS PhD MBiostat PGDipEcho FRACP FCICM

A/Prof David Ranson; BMedSci BM BS LLB FRCPPath FRCPA FACLM FFFLM DMJ(Path)

A/Prof Robert Salamonsen; MBChB, MD, FJFICM, Cert Hyp Med

A/Prof Jonathan Shaw; MD, MRCP, FRACP

A/Prof Yahya Shehabi; MBBS FCICM FANZCA EMBA GAICD

A/Prof Andrew Way; RGN, RMN, RSCN, BSc (Hons), MBA, FAICD

A/Prof Steven Webb; MBBS PhD MPH FRACP FCICM

A/Prof David Wells; OAM MA MBBS DMJ GradCertHigherEd DipRACOG FRACGP FACLM FFLM

A/Prof Sharon Willcox; BSc (Hons), MA, PhD

A/Prof Alan Wolff; MBBS, Dip RACOG, FRACGP, AFCHSE, MBA, MRACMA, MD

A/Prof Bryan Yan; MBBS (Melb), FRACP, FHKCP, FHKAM, FACC

Senior Lecturers and Senior Research Fellows

Dr Nick Andrianopoulos; MBBS

Dr Rosalie Aroni; BA(Hons), PhD

Dr Anna Barker; B.Phty, M.Phty (Geriatrics), PhD

Dr Geza Benke; BSc, MAppSci, GDipQuanMeth, FAIOH, PhD

Mr Neville Betts; BA, GDipOccHazMan, MBA, CFSIA

Dr Jacqueline Boyle; PHD, FRANZCOG, MPH&TM, MBBS

Mrs Angela Brennan; RN

Dr Leah Brennan; B.App.Sci (Psych) (Hons) PhD

Dr Belinda Crockett; BA, BAppSc(Health Promotion)

Dr Lisa Demos; BPharm, GDipHospPharm, PhD

Dr Diem Dinh; BAppSci(Hons), PhD

Dr David Elder; MBChB, DGM, MRCGP, GradDipOccHlth, MPH, FAFOM

Dr Sue Evans; BN, GDipClinEpi, PhD

Dr Michael Fahey; BA(Math) (Psych)(Hons), MPH(EpiBiostat), PhD(Biostat)

Dr David Fish; MBBS, FAFOEM, FAFPHM

Dr Bronwyn Fredericks; DipT, BEduc, MEduc, MEducStudies, PhD, JP

Dr David French; PhD, MPH, B.App. Sc. (Chiropractic)

Dr Dashiell Gantner; BSc, MBBS

Dr David Goddard; BMedSc, MBBS, DOH, FAFOM, MFOM

Dr Robert Hall; BSc(Med)(Hons), MBBS, MPH, GCHE, DipRACOG, FRACMA, FAFPHM, MASM, FPHAA

Dr Carol Hodgson; PhD M(Research) BAppSci(Physio) PGDip(Cardio) FACP

Dr Ryan Hoy; MBBS, MOEH, FRACP

Dr Andrea James; Grad Dip. Occ & Env Health

Dr Kirsi-Majja Kaukonen; MD, PhD, EDIC

Dr Helen Kelsall; MBBS, MPH, MHlthSci (PHP), PhD, FAFPHM

Mrs Elizabeth Kennedy; BA, LLB(Hons), LL.M(Melb), Grad Dip. Health Med Law

Dr Maggie Kirkman; PhD, BA(Hons), MAPS

Dr Orly Lacham-Kaplan; PhD

Dr Charles Livingstone; BA, GradDipEconHist, MEc, PhD

Ms Catherine Lombard; BSc, GDipDiet, PhD

Dr Judy Lowthian; PhD, MPH, BAppSc(Sp.Path), LMusA

Ms Kelly Makarounas-Kirchmann; MClinRes

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Ms Trisha Nichols	Ms Thathya Venu Ariyaratne	Ms Stella Gwini	Ms Mutsa Pamela Mutowo
Mr Yunus Nio	A/Prof Eugene Athan	Dr Anjali Haikerwal	Ms Tess Nagorka-Tsindos
Ms Natalie Oakley	Mr Berhan Ayele	Dr Sarah Hannam	Ms Nusrat Najnin
Ms Patricia O'Brien	Ms Darshini Ayton	Ms Jessica Harding	Mr Ziad (Zee) Nehme
		A/Prof Claire Harris	Dr Peter New

Mr Tilahun Nigatu	Monash Affiliates	Mr Maros Elsik	Ms Fiona Leahy
Dr Gerard O'Reilly	Ms Kelly Allen	Mr Shaukat Esufali	Mrs Geraldine Lee
Dr Neil Orford	Ms Sumaiya Abedin	Miss Siti Fadhila	Mr Nicholas Levin
Miss Belinda O'Sullivan (Walsh)	Miss Katherine Alnutt	Miss Emma Fancett	Ms Sherly Li
Mr Ala'a Oteir	Ms Nadine Andrew	Miss Dina Farjou	Dr Marijana Lijovic
Mr Matthew Page	Ms Bronwyn Angus	Dr Arshi Farooqui	Mr Duncan Loi
Mr Cameron Palmer	Miss Sara Annou	Miss Deandra Ferreira	Ms Catherine Lombard
Mr Eldho Paul	Ms Dianne Ansell	Ms Soula Phillipas	Mrs Etivina Lovo
Ms Rina Pradhan	Dr Richard Bassed	Dr Simon French	Dr Jocelyn Lowinger
Mr Henry Quach	Mr Kirobel Begashaw	Ms Marie Garrubba	Dr Judith Lowthian
Mr Brendan Quinn	Ms Charmian Bennett	Dr Jameela George	Ms Isabelle Lucas
Mr Lal Bahadur Rawal	Ms Pree Benton	Mr Alexander Gillard	Ms Judith Mahoney
Dr Salmi Razali	Ms Patricia Berry	Ms Catherine Giuliano	Dr Darren Mansfield
Ms Angela Rintoul	Ms Denise Best	Ms Judith Gold	Dr Jennifer McGinley
Ms Jennifer (Kate) Roberts	Ms Zhao-Chen Bian	Prof Colin Graham	Dr Michele McGrady
Mr Luke Rodda	Dr Robert Bird	Ms Kath Greer	Mr Dean McKenzie
Ms Veronique Roussy	Ms Sarah Birks	Miss Denise Gu	Ms Joanne McKenzie
Ms Rachel Sacks-Davis	Dr Christie Bolch	Mr Anthony Gust	Ms Angela Melder
Mrs Masoumeh Sanagou	Mr Adam Bowman	Mr Berhan Haile	Miss Beth Miller
Dr Antoine Schneider	Mr Jarrod Boxall	Mr Murray Hall	Ms Jessica Minshall
Dr Sarah Shen	Ms Jenny Bray	Mr Tilahun Haregu	Ms Megan Moreau
Mrs Durga Shrestha	Ms Michelle Brear	Mr Linton Harriss	Ms Irina Moroshko
Mr Gavin Smith	Ms Sharon Brennan	Mrs Madeleine Hathaway	Miss Julia Moszkowicz
Mrs Louise Sparkes	Ms Elissa Campbell	Ms Kim Hider	Mrs Jyotishna Mudaliar
Mr Nathan Stam	Mrs Shirley Carvosso	Ms Andrea Hince	Ms Shyamala Nataraj
Dr Andrew Teichtahl	Ms Samantha Cassar	Miss Lisa Hochberg	Ms Aleksandra Natora
Mr Sathish Thirunavukkarasu	Mr Kevin Chang	Miss Nishaat Hossain	Miss Fathima Nazeem
Dr Ravindranath Tiruvoipati	Ms Stella Chaviaras	Ms Li Huang	Ms Tessa O'Halloran
Ms Claire Tobin	Ms Lei Chen	Ms Amanda Hulley	Dr John Oldroyd
Mr Ralph Tramm	Miss Allena Huey-Ching Cheong	Dr Sultana Hussain	Dr Yin Thet Nu Oo
Mr Fraser Tull	Dr David Clark	Ms Kim Huynh	Mr David Orchard
Ms Caroline Van Gemert	The Hon John Coldrey QC	Mr Jihan Ibrahim-Dost	Ms Emily Orchard
Mrs Marlien Varnfield	Miss Keisha Dagleish	Miss Jillian Ikin	Ms Fiona Pavan
Mr Jason Wasiak	Dr John Daly	Dr Pupalan Iyngkaran	Ms Veena Peacock
Dr Ruwan Wijeminige	Miss Miranda Davies	Ms Rebecca Jenkinson	Ms Alisa Edith Pedrana
Ms Anna Wilkinson	Mrs Jennifer Davis	Miss Alberta Jesslyn	Dr Tai Pham
Ms Rebecca Winter	Mr Luke Dawson	Ms Edlyn Jimenez-Santos	Dr Thi Van Anh Pham
Ms Evelyn Wong	Mr Lakshan De Run	Dr Anju Joham	Ms Kathryn Phillips
Ms Roisin Worsley	Dr Conor Deasy	Ms Kerry Johannes	Dr Adrian Praeger
Ms Breanna Wright	Mr Andrei Diacon	Ms Hinabokiole Kama	Mrs Christine Pratt
Dr Bryan Ping-Yen Yan	Ms Denise Doan	Mr Jackson Kamaruddin	Ms Gracy Presti
Dr Gary Yip	Ms Linda Downes	Miss Lisa Kiven	Mr Richard Prokop
Ms Kate Young	Dr Lisa Doyle	Dr Irene Kourtis	Miss Ayudya Putri
Ms Pauline Zardo	Miss Harriet Dwyer	Ms Louisa Lok-Yi Lam	Ms Rathi Ramanathan
Dr Hendrik Zimet	Ms Kristine Egberts	Ms Fiona Lawrence	Prof John Reeder
Ms Ella Zomer	Mr Andrew Ekert	Ms Nga Thi Le	Mr Gavin Reichel

Mr Luke Rodda
Mr Ron Rose
Dr Eva Saar
Dr Linda Schachter
Ms Dorothee Schricke
Dr Danushka Senevirante
Mr Faisal Shafiq
Ms Fathimath Shamah
Ms Kerith Sharkey
Mr Anupam Shrestha
Mr Alex Shuen
Ms Kah-Ling Sia
Mr Jonathon William Slater
Ms Karin Smith
Dr Georgia Soldatos
Dr Rupert Strasser
Ms Jewhara Suleiman
Miss Amanda Tan
Mr Chin Yao Tan
Miss Stephanie Tanamas
Ms Mable Taoi
Ms Rhiannon Tate
Ms Basilie Teoh
Dr Jayakrishnan Thavody
Mr Nicholas Thomson
Miss Katherine Thorn
Ms Emily Trevorrow
Prof Kevin Triangto
Mr Patrick Ty
Dr Andrew Underhill
Ms Glenda Urquart
Mr Michael Valente
Ms Numa Vera
Dr Heather Waddy
Ms Helen Walls
Mr Nicholas Walsh
Mr Ian Wang
Ms Amanda Wardani
Dr Teresa Williams
Ms Catherine Williams
Mr Cameron Willis
Ms Hui Yeoh

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Dr Scott Ayton
Mrs Catherine Bain
Ms Hosne Begum
Dr Melanie Benson
Mr Martin Botros
Dr Gary Bourke
Mr Peter Bradford
Miss Annabelle Brennan
Mrs Fiona Connor
Ms Christine Denyer
Mr Ibrahima Diouf
Ms Kristine Jodie Egberts
Mr Michael Florenti
Mrs Ensieh Fooladi
Mr Julian Gardner
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Miss Romi Goldschlager
Dr Fahad Hanna
Dr Philippa Hetzel
Dr Tessa Hillgrove
Dr Camilla Holdstock
Ms Danielle Horyniak
Mrs Lisa Hughes
Dr Sultana Hussain
Ms Marsha Ivey
Ms Pamela Jordan
Mr Mutsumi Karasaki
Mr David Kimbu
Mr Nicos Kokotsis
Ms Fiona Lander
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Ms Jenifer Lee
Ms Suzie (Diane) Linden
Adj ClinAss P Erwin Loh
Mr David Lowen
Dr Godwin Masuka
Mrs Jo-Anne Mazzeo
Ms Monica Mercieca
Dr Biswadev Mitra
Mr Samuel Muchoki
Dr Shyamala Nadathur

Ms Dhanya Nambiar
Ms Sandra Neate
Mr Leonard Price
Mr Victor Rodriguez
Dr Majid Rahgozar
Mr Andrew Rakowski
Mr Lal Rawal
Dr Thomas Rechnitzer
Dr Ernest Reeders
Mrs Karen Richards
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Ms Rachel Sacks-Davis
Ms Sarmin Sayeed
Dr Amanda Silcock
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Mr Tecle Team
Miss Claire Tobin
Ms Caroline Van Gemert
Ms Kate Waters
Ms Anna Wilkinson
Dr Norzila Zakaria

Visitors

Dr Christopher Landrigan
Miss Lisa Meyenn
Dr Vajira Nanayakkara
Dr Irosha Nilaweera
Dr Jason Stein
Dr Thomas von Lueder
Dr Eeshara Kottegoda Vithana
Dr Masataka Watanabe
Dr Badrika Wijesundara
Dr Pushpika Wijethilake
Dr Emily Williams

Appendix 1: Grants and Funding

Grants and contracts commencing in 2012

Source	Project Title	Names of Investigators	Duration	Amount received in 2012	Total funds
NHMRC – Project Grants	Improving the measurement of non-fatal injury burden – validating the GBD methods	Gabbe, Belinda J (CIA); Jolley, Damien J; Lyons, Ronan; Harrison, James; Rivara, Frederick P; Polinder, Suzanne; Derrett, Sarah; Ameratunga, Shanthi	2012-2013	\$92,720	\$151,755
	The Australasian Resuscitation in Sepsis Evaluation – Randomised Controlled Trial – continuation funding request	Bellomo, Rinaldo (CIA); Cameron, Peter; Cooper, David J; Peake, Sandra L; Webb, Steve AR; Holdgate, Anna; Delaney, Anthony	2012-2013	\$177,868	\$349,790
	NT-proBNP and the identification and treatment of structural heart disease and heart failure in high-risk individuals	Wolfe, Rory SJ (CIA); Campbell, Duncan J; Prior, David L; Liew, Danny	2012-2013	\$116,056	\$488,421
	Immunological and respiratory effects among workers exposed to engineered nanoparticles	Glass, Deborah C (CIA); Sim, Malcolm R; Dennekamp, Martina N; Abramson, Michael J	2012-2014	\$251,001	\$499,223
	A brief couple-focussed psychoeducational intervention to prevent postnatal mental health problems in women: A cluster randomised trial.	Fisher, Jane RW (CIA); Rowe, Heather; Lorgelly, Paula K; Ranasinha, Sanjeeva; Proimos, Jenny	2012-2014	\$217,865	\$679,500
	Is low dose amitriptyline more effective than placebo in the management of chronic, neuropathic low back pain? A double-blind, randomized, placebo-controlled trial with an economic evaluation	Urquhart, Donna M (CIA); Gibson, Stephen J; Wluka, Anita E; Sim, Malcolm R; Forbes, Andrew B; Van Tulder, Maurits	2012-2014	\$105,488	\$296,155
	Polycystic Ovary Syndrome: Targeting the sympathetic nervous system to improve outcomes	Teede, Helena J (CIA); Lambert, Gavin	2012-2014	\$63,777	\$191,331
	Preventing weight gain in young to mid-aged women living in rural communities; a cluster randomised controlled trial	Teede, Helena J (CIA); Lombard, Catherine B; Zoungas, Sophia; Keating, Catherine L	2012-2015	\$290,298	\$807,975
	A multi-centre RCT of an Open Lung Strategy including Permissive Hypercapnia, Alveolar Recruitment, and Low Airway Pressure in patients with ARDS	Nichol, Alistair D (CIA); Davies, Andrew R; Hodgson, Carol L; Cooper, David J; Fraser, John; Bersten, Andrew D	2012-2015	\$260,548	\$997,538
	A prospective cohort study investigating the relationships between negative emotions, biomarkers and long term functioning in post-MI patients	Oldenburg, Brian F (CIA); Meredith, Ian; McKenzie, Dean P; Hollingsworth, Bruce P; Forbes, Andrew B; Clarke, David M; Hare, David; Sanderson, Kristy; Taylor, Craig B	2012-2015	\$211,625	\$851,075
	Right Care, Right Time, Right Place: Improving outcomes for people with spinal cord injury through early intervention and improved access to specialised care	Cameron, Peter (CIA); McClure, Roderick J; Marshall, Ruth; Bowen, David; Middleton, James; Harrison, James; Lyons, Nigel; Brown, Douglas J	2012-2015	\$40,129	\$267,806
	The SNORE-ASA study: A study of neurocognitive outcomes, radiological and retinal effects of Aspirin in sleep apnoea	Storey, Elsdon (CIA); Woods, Robyn L; Naughton, Matthew; Hamilton, Garun; Ward, Stephanie; Janke, Andrew; Kawasaki, Ryo	2012-2016	\$334,544	\$755,172
	The Victorian Centre for Applied Biostatistics (VCAB): Building core methodological capacity for population health	Forbes, Andrew B (CIA); Carlin, John B; Gurrin, Lyle C	2012-2016	\$121,854	\$789,061

Source	Project Title	Names of Investigators	Duration	Amount received in 2012	Total funds
NHMRC- CRE	Australian Resuscitation Outcomes Consortium (AUS – ROC) CRE	Cameron, Peter (CIA); Bernard, Stephen A; Tonkin, Andrew M; Jacobs, Ian G; Thompson, Peter L; Finn, Judith; Smith, Karen L	2012-2016	\$487,093	\$1,509,923
	Centre of Research Excellence for patient blood management in critical illness and trauma	Cooper, David J (CIA); Phillips, Louise E; Myles, Paul; Bellomo, Rinaldo; Cameron, Peter; Webb, Steven; McNeil, John J; Isbister, James; French, Craig J	2012-2017	\$100,553	\$2,498,407
	STandaRd Issue TRANSfusion versuS Fresher red blood cell Use in intenSive carE (TRANSFUSE)? a randomised controlled trial.	Cooper, David J (CIA); Nichol, Alistair D; French, Craig J; Street, Alison M; Bellomo, Rinaldo	2012-2015	\$392,567	\$2,761,870
	Centre of Research Excellence in Medical Workforce Dynamics	Joyce, Catherine M (CIA); Humphreys, John S; Scott, Anthony; Kalb, Guyonne R	2012-2016	\$34,362	\$510,804
NHMRC Practitioner Fellowship	NHMRC Practitioner Fellowship	Krum, Henry (CIA)	2012-2016	\$88,802	\$358,004
NHMRC- Early Career Fellowships	Intensive care management and quality of survival of acute respiratory distress syndrome	Hodgson, Carol L (CIA)	2012-2015	\$74,976	\$294,892
	Centre for Air Quality and Health Research Evaluation (CAR) Postdoctoral Fellowship	Dennekamp, Martina N (CIA)	2013-2016	\$68,438	\$273,753
	Further development, evaluation and dissemination of the Chinese peers for progress diabetes program	Zhong, Xue F (CIA)	2012-2015	\$43,874	\$197,706
	Investigating healing outcomes in people with venous ulcers: a randomised controlled trial	Weller, Carolina D (CIA)	2012-2015	\$74,976	\$294,892
	Sexual function and psychosocial wellbeing in women after colorectal cancer	Panjari, Mary (CIA)	2012-2015	\$74,976	\$294,892
NHMRC- Postgraduate Scholarships	NHMRC Medical & Dental Postgraduate Research Scholarship – Anju Joham	Joham, Anju E (CIA)	2012-2013	\$37,618	\$66,264
	Victoria MAR – NHMRC Postgraduate Research Scholarship	Mar, Victoria J (CIA)	2012-2013	\$17,665	\$67,519
	Preventing weight gain in reproductive aged women living in rural communities	Bobevski, Irene (CIA)	2012-2014	\$26,017	\$78,434
	The National Notifiable Diseases Surveillance System from 1991-2011: Epidemiologic Analysis of the First 20 Years of National Infectious Diseases Notifications in Australia	Gibney, Katherine (CIA)	2012-2014	\$44,312	\$126,449
	Polypharmacy in Heart Failure – Ingrid Hopper	Hopper, Ingrid K (CIA)	2012-2014	\$37,618	\$103,843
	Preventing weight gain in reproductive aged women living in rural communities	Bobevski, Irene (CIA)	2012-2014	\$26,017	\$78,434
ARC- Discovery Project Grants	African youth and obesity: The role of the intergenerational acculturation gap	Renzaho, Andre (CIA); Swinburn, Boyd A; Lo, Sing K; Mellor, David J; Green, Julie B	2012-2013	\$73,680	\$73,680
ARC- Discovery Early Career Researcher Award	The impact of the ageing workforce on work injury and compensation systems in Australia	Smith, Peter M (CIA)	2012-2014	\$126,539	\$375,000
Australian Society of Parenteral and Enteral Nutrition (AuSPEN)	Nutrition therapy in adult patients requiring ECMO in Australia and New Zealand	Ridley, Emma J (CIA); Davies, Andrew R; Robins, Elissa; Fraser, John	2012	\$9,091	\$10,000
Department of Health and Ageing	FluCAN: Maintaining an Australian sentinel hospital surveillance system for severe influenza	Cheng, Allen C (CIA)	2012-2014	\$346,253	\$613,027
	Preventing falls and harm from falls in older people: Best practice guidelines for Australian hospitals 2009	Barker, Anna (CIA)	2012	\$28,466	\$28,466

Source	Project Title	Names of Investigators	Duration	Amount received in 2012	Total funds
Diabetes Australia	The process of care in managing people with type 2 diabetes: What is the impact of peer support on uptake and effective implementation of care plans in the self management of diabetes?	Oldenburg, Brian F (CIA); Riddell, Michaela; Joyce, Catherine; Piterman, Leon; Dunbar James	2012	\$56,465	\$56,465
	Improving the metabolic health of patients treated with Clozapine, an atypical antipsychotic	Wong, Jennifer; Chavaris, Stella	2012	\$31,000	\$31,000
Heart Foundation of Australia	Heart Foundation Travel Grant – Rosanne Freak-Poli	Freak-Poli, Rosanne	2012	\$2,000	\$2,200
Cancer Australia	The management of menopausal symptoms and fertility issues in younger women with breast cancer	Teede, Helena J; Misso, Marie L; Hickey, Martha; Meiser, Bettina; Marino, Jennifer; Friedlander, Michael	2012	\$66,366	\$66,366
Environment Protection Authority Victoria	Needs Analysis and Critical Review of the Burden of Disease from Environmental Noise	Benke, Geza P (CIA); Kumar, Dinesh K; Dunt, David	2012	\$6,000	\$6,000
Transport Accident Commission	Multi-modal MRI Imaging in Severe Traumatic Brain Injury (TBI) Patients to Determine Structural Impact of DECRA Craniectomy Surgery, and Early Prognostication: Pilot Studies	Cooper, David J (CIA); Murray, Lynnette J; Trapani, Tony; Vallance, Shirley	2012	\$40,000	\$50,000
	Understanding How Hypothermia Impairs Coagulation in Severe TBI Patients	Cooper, David J (CIA); Murray, Lynnette J; Trapani, Tony; Rosenfield, Jeffrey	2012	\$40,000	\$50,000
Victorian WorkCover Authority (WorkSafe Victoria)	Developing a framework for understanding and measuring occupational health and safety vulnerability	Smith, Peter M (CIA); Saunders, Ron; Lamontagne, Anthony D	2012	\$39,722	\$49,654
	Understanding individual, workplace and system level influences on return to work (RTW) in the context of the ageing Victorian labour market: A feasibility study on recruitment and data collection	Smith, Peter M (CIA); Sim, Malcolm R; Lamontagne, Anthony D; Hogg-Johnson, Sheilah	2012-2013	\$120,000	\$150,000
	Examining the role of GPs in RTW – a qualitative analysis of compensation schemes	Sim, Malcolm R (CIA); Collie, Alexander; Kosny, Agnieszka	2012-2015	\$31,931	\$127,724
Australasian Foundation for Plastic Surgery (AFPS, AUS)	Breast Device Registry	Evans, Susan M (CIA)	2012	\$120,000	\$120,000
Australia and New Zealand Intensive Care Society	Preparation of a web-based application for the collection and management of CLABSI surveillance data	Reid, Christopher M (CIA); Joshi, Survana	2012	\$33,474	\$33,474
Ernst & Young Transaction Advisory Services Ltd. (Sydney)	Review of Head Injury Retrieval Trial (HIRT)	Gabbe, Belinda J (CIA); Wolfe, Rory SJ; Cameron, Peter	2012	\$11,251	\$10,000
Harvard Club of Australia Foundation	Australia-Havard Fellowship	Landrigan, Christopher P (CIA)	2012	\$16,500	\$18,000
Health Protection Agency (HPA) – UK	Development of a Clinical Definition of Inhalation Acquired Melioidosis and reference panel of Burkholderia pseudomallei strains (Task Order)	Cheng, Allen C (CIA)	2012	\$3,698	\$3,698
Intensive Care Foundation	Trial of early ambulation and mobility of ICU	Hodgson, Carol L (CIA); Bellomo, Rinaldo; Webb, Steve AR; Berney, Sue; Denehy, Linda	2012	\$40,909	\$45,000
	A prospective, observational study of critical illness-related changes in bone mineral density, bone turnover and calcium metabolism	Orford, Neil (CIA); Bellomo, Rinaldo; Bailey, Michael J; Kotowicz, Mark; Pasco, Julie A; Henry, Margaret J	2012	\$25,455	\$28,000

Source	Project Title	Names of Investigators	Duration	Amount received in 2012	Total funds
Julian Burton Burns Charity Limited, Aus	Bi-National Burns Registry (Bi-NBR)	Gabbe, Belinda J (CIA)	2012	\$81,818	\$81,818
Mitsubishi Tanabe Pharma Corporation	Targeting Uraemic Toxins in a Model of CardioRenal Syndrome	Krum, Henry (CIA)	2012	\$60,790	\$62,000
Ontario Problem Gambling Research Centre (OPGRC) Research Collaboration, Canada	Ontario Problem Gambling Research Centre (OPGRC) Research Collaboration	Livingstone, Charles H (CIA)	2012	\$13,277	\$13,277
Peninsula GP Network & Lead Agency for FMPML (PENGP, AUS)	Population Health Analysis, Frankston-Mornington Peninsular Medicare Local	Keleher, Helen M (CIA)	2012	\$18,182	\$18,182
Peter MacCallum Cancer Centre	Operationalise of a Cancer 2015 Registry in Victoria	McNeil, John J (CIA); Reid, Christopher M	2012	\$59,950	\$119,900
Roche Diagnostics Australia Pty Limited	Development and delivery of phase 2 of the TLC diabetes project	Oldenburg, Brian F (CIA); Bird, Dominique	2012	\$30,000	\$30,000
Uniting Care Australia	Research on poker machine revenue and community benefit	Livingstone, Charles H (CIA)	2012	\$20,000	\$20,000
Arthritis Foundation of Victoria Inc.	An evaluation of the Arthritis Victoria Waves program	Barker, Anna (CIA)	2012-2013	\$24,839	\$28,337
Baxter Healthcare Corporation	Supplemental parental Nutrition in Critically Ill Patients: A Pilot Randomized Controlled Study	Davis, Andrew (CIA); Cooper, David J	2012-2014	\$63,305	\$321,691
Alzheimer's Australia Research Limited	Evaluation of Your Brain Matters	Smith, Benjamin J (CIA)	2012-2015	\$50,000	\$200,000
Medpace Australia Pty Ltd (MEDPACE, AUS)	A Placebo-Controlled, Randomized, Double-Blind, Parallel-Group, Dose Finding Trial to Evaluate the Efficacy & Safety of TBS-2 Intranasal Testosterone Gel in Pre-Menopausal Women with Acquired Female	Davis, Susan R (CIA)	2012-2013	\$2,240	\$29,200

Grants and contracts continuing in 2012

Source	Project Title	Names of Investigators	Duration	Amount received in 2012	Total funds
ARC- Discovery Project Grants	Epidemiological modelling of cardiovascular disease and diabetes in Australia	Reid, Christopher M (CIA); Owen, Alice J; Magliano, Dianna J; Zomer, Ella; Liew, Danny YH; Shaw, Jonathan	2007-2012	\$470	\$332,915
	Citizen engagement: Listening to citizens' views about Australia s health system and prevention	Oldenburg, Brian F (CIA); Joyce, Catherine M; Lin, Vivian; Hartz-Karp, Janette F; Segal, Leonie; Gericke, Christian A; Mutch, Allyson J; Eagar, Kathy; Dugdale, Paul; O'Donoghue, Ross; Ball, Jacqueline; O'Brien, Sinead; Goodwin, Moira; Settle, Catherine; Panter, David	2009-2012	\$25,466	\$266,518
	Understanding fertility management in contemporary Australia	Fisher, Jane RW (CIA); McNamee, Kathleen M; Rowe, Heather; Sinnott, Vikki; McBain, John C; Bayly, Christine M; Jordan, Lynne	2010-2013	\$249,297	\$409,933

Source	Project Title	Names of Investigators	Duration	Amount received in 2012	Total funds
ARC-Future Fellowship	Reducing the social, economic and health burden associated with obesity-related chronic diseases among socio-economically disadvantaged populations	Renzaho, Andre (CIA)	2011-2015	\$275,172	\$720,332
NHMRC- Project Grants	Understanding the barriers to improved access, engagement and retention of methamphetamine users in health services	Dietze, Paul M (CIA); Moore, David; Perez, Pascal; Bammer, Gabriele	2009-2012	\$15,375	\$111,525
	Does vitamin D supplementation prevent progression of knee osteoarthritis? A randomised controlled trial	Ding, Changhai (CIA); Cicuttini, Flavia M; Wluka, Anita E; Jones, Graeme; Quinn, Stephen J; Winzenberg, Tania M	2010-2012	\$75,000	\$323,500
	Transdermal testosterone therapy: a potential treatment for selective serotonin reuptake inhibitor (SSRI)-associated sexual dysfunction in women	Bell, Robin J (CIA); Kulkarni, Jayashri; Davis, Susan R	2011-2012	\$108,860	\$241,351
	National Centre for Intensive Care Research (NCICR)	Cooper, David J (CIA); Bellomo, Rinaldo; Myburgh, John; Finfer, Simon	2006-2013	\$517,653	\$3,790,000
	Better targeting of preventive services using epidemiological modelling	McNeil, John J (CIA); Peeters, Anna; Oldenburg, Brian F; Hollingsworth, Bruce P; De Courten, Maximilian F; Nelson, Mark	2007-2012	\$411,037	\$1,951,464
	Aspirin for the prevention of cognitive decline in the Elderly: a NeuroVascular Imaging Study (ENVIS-ion) from APSREE	Reid, Christopher M (CIA); Storey, Elsdon; Tonkin, Andrew M; Budge, Marc; Wong, Tien Y; Ames, David J	2007-2012	\$76,833	\$162,463
	Hyperbaric Oxygen in Lower Limb Trauma (HOLLT)	Millar, Ian (CIA); Williamson, Owen; Cameron, Peter; Myles, Paul	2008-2012	\$180,248	\$729,288
	A case-control study of environment and breast cancer	Fritschi, Jacqueline E; (CIA); Glass, Deborah C; Erren, Thomas; McCaul, Kieran; Saunders, Christobel; Heyworth, Jane	2009-2012	\$4,125	\$20,625
	A randomised controlled trial of prophylactic hypothermia in severe traumatic brain injury	Cooper, David J (CIA); Bernard, Stephen A; Cameron, Peter; Nichol, Alistair D; Presneill, Jeffrey J; Myburgh, John A	2009-2013	\$420,436	\$1,958,075
	A randomised, placebo-controlled trial of erythropoietin in ICU patients with traumatic brain injury	Bellomo, Rinaldo (CIA); Cooper, David J; Nichol, Alistair D; Street, Alison M; French, Craig J; Presneill, Jeffrey J	2009-2013	\$421,222	\$1,848,475
	The natural history of injecting drug use among IDU in Melbourne: A prospective cohort study	Dietze, Paul M (CIA); Jolley, Damien J; Aitken, Campbell K; Hickman, Matthew; Stooze, Mark A; Kerr, Thomas	2009-2013	-\$41,047	\$23,194
	Risk of brain cancer from exposure to radiofrequency fields in childhood and adolescence	Sim, Malcolm R (CIA); Benke, Geza P; Milne, Elizabeth; Armstrong, Bruce K	2009-2013	\$143,607	\$693,550
	Linking research, policy and health services to build a better evidence base for workplace public health	Sim, Malcolm R (CIA); Abramson, Michael J; Fritschi, Jacqueline E; Lamontagne, Anthony D	2009-2013	\$85,695	\$1,535,875
	Epidemiological modelling of heart failure.	Driscoll, Andrea (CIA); Krum, Henry	2009-2013	\$39,166	\$221,112
	Bacteraemic load and survival in septic shock	Bailey, Michael J (CIA); Nichol, Alistair D; Lam, Louisa LY; Iredell, John	2011-2012	\$35,968	\$52,368
	What matters to women diagnosed with breast cancer during their reproductive years?	Fisher, Jane RW (CIA); Kirkman, Maggie; Keogh, Louise; Hickey, Martha; Winship, Ingrid; Apicella, Carmel	2011-2012	\$150,566	\$323,704

Source	Project Title	Names of Investigators	Duration	Amount received in 2012	Total funds
	Mediterranean diet and mortality: Analysis of longitudinal dietary patterns using newly developed statistical methods	Forbes, Andrew B (CIA); Gurrin, Lyle C; Hodge, Allison; Simpson, Julie	2011-2013	\$88,881	\$330,058
	Third Euro-Australian respiratory health survey	Abramson, Michael J (CIA); Benke, Geza P; Dharmage, Shyamali C; Thompson, Bruce R	2011-2013	\$118,293	\$343,029
	Randomised sham-controlled trial of acupuncture for post-menopausal hot flushes	Teede, Helena J (CIA); Pirota, Marie	2011-2013	\$9,350	\$39,900
	Falls prevention in the acute hospital setting: a multi-centre cluster randomised controlled trial of efficacy, cost effectiveness and sustainability of the 6-PACK program	Barker, Anna (CIA); Brand, Caroline A; Haines, Terrence P; Jolley, Damien J; Hill, Keith D; Brauer, Sandra; Botti, Mari A	2011-2014	\$605,157	\$1,179,850
	The RINSE trial: the rapid infusion of cold normal saline by paramedics during CPR	Bernard, Stephen A (CIA); Cameron, Peter; Smith, Karen L; Jacobs, Ian G; Finn, Judith	2011-2014	\$141,700	\$497,858
	POISE-2: A large, international, placebo-controlled, factorial trial to assess the impact of clonidine and aspirin in patients undergoing noncardiac surgery	Myles, Paul (CIA); Leslie, Kate; Paech, Michael; Story, David A; Chow, Clara	2011-2015	\$234,250	\$1,136,310
	Kerala Diabetes Prevention Program (K-DPP): A cluster RCT of its effectiveness and cost-effectiveness	Oldenburg, Brian F (CIA); Tapp, Robyn J; Zimmet, Paul Z; Hollingsworth, Bruce P; Jolley, Damien J; Thankappan, Kavumpurathu; Fisher, Edwin B	2011-2015	\$244,415	\$1,046,991
	SEA-URCHIN: South East Asia – Using research for change in hospital-acquired infection in neonates	Green, Sally E (CIA); McDonald, Steven; McKenzie, Joanne E; Jeffery, Heather; Lahra, Monica; Lumbiganon, Pagakrong; Laopaiboon, Malinee	2011-2015	\$796,768	\$1,921,143
NHMRC- CRE	Transfusion research: Outcomes into policy and practice	McNeil, John J (CIA); Cameron, Peter; Stevenson, Christopher E; Jolley, Damien J; Wood, Erica M; Sanderson, Penelope; Isbister, James	2010-2012	\$528,259	\$1,673,000
NHMRC- Program Grant	Prevention and treatment of chronic heart and kidney disease via epidemiological, pharmacological device and cell-based approaches	Krum, Henry (CIA); Reid, Christopher; Kelly, Darren	2010-2014	\$889,013	\$5,390,000
NHMRC- Career Development Fellowship	Using good measurement principles to examine musculoskeletal disease and improve the evaluation of new diagnostic tests	Wluka, Anita E (CIA)	2009-2012	\$99,431	\$370,000
	The evolution of symptoms of common mental disorders across adolescence and young adulthood	McKenzie, Dean P (CIA)	2009-2012	\$75,068	\$285,000
	Improving knowledge regarding the burden of infection associated with water exposure and with international travel: addressing data gaps to improve policy and practice	Leder, Karin S (CIA)	2011-2013	\$99,431	\$384,160
	Improving the prevention and clinical management of infectious diseases	Cheng, Allen C (CIA)	2011-2013	\$74,599	\$288,220
	Optimising prevention and therapeutic strategies for low back pain and disability	Urquhart, Donna M (CIA)	2011-2016	\$49,715	\$384,160
	The prevention and optimal treatment of Type II Diabetes	Teede, Helena J (CIA)	2009-2012	\$54,990	\$204,500
NHMRC Practitioner Fellowship	NHMRC Practitioner Fellowship	Cameron, Peter (CIA)	2009-2014	\$38,045	\$360,625
	NHMRC Practitioner Fellowship	Buchbinder, Rachelle (CIA)	2005-2014	\$106,526	\$893,375
NHMRC Research Fellowships	NHMRC Research Fellowship	Davis, Susan R (CIA)	2008-2017	\$142,949	\$1,440,995
	NHMRC Research Fellowship	Reid, Christopher M (CIA)	2008-2017	\$70,495	\$1,190,265

Source	Project Title	Names of Investigators	Duration	Amount received in 2012	Total funds
NHMRC- Early Career Fellowships	Improving warfarin management – identifying risk factors for bleeding and improving monitoring mechanisms.	Evans, Susan M (CIA)	2008-2012	\$56,301	\$291,310
	Measurement of Beijing's health promotion status and progress: Transferability of the Australian experience to China.	Li, Hang (CIA)	2010-2013	\$57,645	\$153,796
	The psychosocial work environment and workplace sedentary behaviour as risk factors for type 2 diabetes and CVD.	Keegel, Tessa G (CIA)	2010-2013	\$75,068	\$228,127
	National prospective cohort study on transfusion practice and patient outcomes in the setting of critical bleeding and massive transfusion.	Zatta, Amanda J (CIA)	2010-2013	\$72,480	\$218,380
	Ensuring breakthrough includes follow-through: Developing and testing methods to increase uptake of research in practice	O'Connor, Denise A (CIA)	2010-2015	\$75,068	\$285,000
	Improving health in indigenous adolescents	Boyle, Jacqueline (CIA)	2011-2014	\$82,391	\$320,032
	Behavioural and microbial risk factors associated with the development of bacterial vaginosis in young women	Bilardi, Jade E (CIA)	2011-2015	\$34,946	\$270,032
NHMRC- Post graduate Scholarships	NHMRC Dora Lush Postgraduate Research Scholarship – Catherine Chamberlain	Chamberlain, Catherine R (CIA)	2010-2012	\$32,834	\$85,764
	NHMRC Medical Postgraduate Research Scholarship – Lisa Doyle	Doyle, Lisa (CIA)	2010-2012	\$9,766	\$80,938
	NHMRC Public Health Postgraduate Research Scholarship – Alisa Higgins	Higgins, Alisa (CIA)	2009-2013	\$6,781	\$107,725
	NHMRC Medical & Dental Postgraduate Research Scholarship – Zoe McQuilten	McQuilten, Zoe (CIA)	2011-2013	\$18,790	\$73,072
BUPA Health Foundation	Metformin for the management of insulin resistance in overweight women at midlife	Davis, Susan R (CIA); Bell, Robin J	2010-2012	\$0	\$158,611
Cancer Australia	Pilot of a population-based prostate cancer clinical registry	Millar, Jeremy L (CIA); McNeil, John J; Davis, Ian; Giles, Graham G; Bolton, Damien M; Costello, Anthony J	2010-2013	\$96,000	\$592,875
CSIRO Australia	ASPRE Healthy Ageing Biobank	McNeil, John J (CIA); Woods, Robyn L; Reid, Christopher M; Nelson, Mark; Abhayaratna, Walter; Gibbs, Peter; Ames, David J; Burgess, Antony; Masters, Colin L; Szoek, Cassandra; Lockett, Trevor	2009-2011	\$650,000	\$2,950,000
CSIRO ICT Centre	CSIRO ICT Centre Scholarship – M. Varnfield	Varnfield, Marlien (CIA)	2009-2012	\$11,979	\$11,979
Defence Health Foundation	Musculoskeletal conditions – psychological comorbidities, quality of life and risk factors in Australian Gulf War veterans	Kelsall, Helen (CIA); McKenzie, Dean P; Sim, Malcolm R; Forbes, Andrew B; Blackman, Jillian F	2011-2012	\$5,860	\$59,860
Heart Foundation-Fellowship	Improving the health outcomes of people with diabetes: developing and evaluating strategies to prevent and manage cardiovascular disease	Zoungas, Sophia (CIA)	2011-2014	\$97,769	\$421,076
Department of Education & Early Childhood Development VIC	Investigate the acceptability, feasibility and resource implications for Maternal and Child Health (MCH) services of the What Were We Thinking (WWWT!) program	Fisher, Jane RW (CIA)	2011-2012	\$90,909	\$181,818
Department of Family, Housing, Community Services and Indigenous Affairs	Communities for Children (CfC) Direct Service	Fisher, Jane RW (CIA); Rowe, Heather	2011-2013	\$163,858	\$486,465
Department of Health (Victoria)	Cardiac procedures registry in Victoria	McNeil, John J (CIA); Reid, Christopher M; Tonkin, Andrew M	2011-2012	\$200,000	\$400,000

Source	Project Title	Names of Investigators	Duration	Amount received in 2012	Total funds
Department of Health and Ageing	Cochrane Centre Fund Project: National Health Priority Areas – Consultation, Training and Research	Green, Sally E (CIA)	2005-2012	\$770,000	\$4,943,473
Department of Human Services (ACT)	Monitoring and Evaluation of the Victorian State Trauma System	Cameron, Peter (CIA); McNeil, John J; Gabbe, Belinda J	2005-2012	\$722,782	\$4,878,957
Department of Veterans Affairs (Commonwealth of Australia)	Health Promotion for Veterans	Keleher, Helen M (CIA); Joss, Nerida A	2005-2012	\$89,759	\$593,933
	Sequelae of psychiatric conditions and multisymptom illness, follow up of mortality and cancer incidence, and analysis of serum samples in the Gulf War veteran cohort study	Sim, Malcolm R; Kelsall, Helen; Blackman, Jillian F	2010-2012	\$212,250	\$1,319,991
Safe Work Australia	Australian Mesothelioma Registry	Sim, Malcolm R (CIA); Benke, Geza P; MacFarlane, Ewan M	2005-2012	\$77,154	\$276,454
South East Healthy Community Partnership (SEHCP)	Problem Gambling Project Evaluation	Livingstone, Charles H (CIA); Bruce, Emma	2005-2012	\$33,450	\$58,350
South Eastern Sydney Illawarra Area Health Service (Prince of Wales Hospital)	SPICE: Sedation Practices in Intensive Care in ANZ	Bellomo, Rinaldo (CIA)	2005-2012	\$20,700	\$213,679
Transport Accident Commission	Victorian Orthopaedic Trauma Outcomes Registry (VOTOR)	Cameron, Peter (CIA)	2005-2012	\$419,933	\$918,743
VicRoads	Provision of Evaluation Services for Novice Driver Program Trial	McClure, Roderick J (CIA); Newstead, Stuart V; Rudin-Brown, Christina; Scully, Michelle I; Reid, Christopher M	2011-2015	\$76,747	\$1,473,261
Victorian Cancer Agency- Grant	Building translational clinical research capacity in regional Victoria through ASPREE and the Healthy Ageing Biobank	McNeil, John J (CIA); Burton, Robert C; Reid, Christopher M; Woods, Robyn L; Fitzgerald, Sharyn M	2010-2012	\$815,100	\$1,921,000
Victorian Cancer Agency- Fellowship	Investigating discontinuation adjuvant therapies and the diversity of methods of health surveillance with the view to optimising health outcomes for women with invasive breast cancer	Bell, Robin J (CIA)	2011-2012	\$198,868	\$362,986
Victorian Health Promotion Foundation (VicHealth)	APG Rural and Regional Sustainability Program 2010 to 2012 Evaluation	Smith, Benjamin J (CIA)	2010-2012	\$90,000	\$270,000
Victorian Managed Insurance Authority	High Performing Healthcare Organisations	Brand, Caroline A (CIA)	2005-2012	-\$17,726	\$30,000
	Causes and contributing factors driving preventable adverse events in priority areas	Brand, Caroline A (CIA); McGinnes, Rosemary A	2012	\$17,726	\$24,999
Victorian WorkCover Authority (WorkSafe Victoria)	Evaluation of Work Health	Sim, Malcolm R (CIA); McNeil, John J; Mulholland, Emily L	2010-2013	\$470,544	\$1,096,760
	WorkHealth online data collection tool	Reid, Christopher M (CIA); Costelloe, Carl; Pruksawongsin, Kunnapoj; Buranasiri, Waranon	2011-2013	\$74,425	\$152,303
Defence Science & Technology Organisation	Development of a system to detect disease outbreaks in semi-isolated communities using automated monitoring of electronic data	Cheng, Allen C (CIA)	2011-2012	\$6,000	\$34,673
South Eastern Sydney Illawarra Area Health Service (Prince of Wales Hospital)	SPICE: Sedation Practices in Intensive Care in ANZ	Bellomo, Rinaldo (CIA)	2005-2012	\$20,700	\$213,679
Department of Justice	Funding for Chair of Forensic Medicine	Cordner, Stephen M (CIA)	2005-2012	\$409,968	\$3,048,518

Source	Project Title	Names of Investigators	Duration	Amount received in 2012	Total funds
Victorian Cancer Agency- Fellowship	Investigating discontinuation adjuvant therapies and the diversity of methods of health surveillance with the view to optimising health outcomes for women with invasive breast cancer	Bell, Robin J (CIA)	2011-2012	\$198,868	\$362,986
Victorian Cancer Agency	The Victorian lung cancer initiative	Watkins, David N (CIA); Brown, Tracey; Millar, Jeremy L; Stirling, Robert; Solomon, Benjamin; Ashley, David M; Fox, Stephen B; Irving, Louis B; Wright, Gavin; Mitchell, Paul; MacManus, Michael; Waring, Paul; John, Tom; Ganju, Vinod	2011-2013	\$101,367	\$1,671,672
Victorian Health Promotion Foundation (VicHealth)	APG Rural and Regional Sustainability Program 2010 to 2012 Evaluation	Smith, Benjamin J (CIA)	2010-2012	\$90,000	\$270,000
Alcoa of Australia Ltd	Healthwise Study	Sim, Malcolm R (CIA); McNeil, John J; Musk, B	2005-2012	\$273,853	\$9,134,302
American Academy of Family Physicians Foundation	A controlled evaluation of the Australasian Peers for Progress Diabetes Program (PFP-DP) and its transferability to other countries	Oldenburg, Brian F (CIA); De Courten, Maximilian F; Zaini, Anuar; Wolfe, Rory SJ; Dunbar, James A; Reddy, Prasuna; Adsetz, Pilvikki; Carter, Robert C; Johnson, Greg J; Audehm, Ralph	2009-2012	\$0	\$1,138,364
Arthritis Australia	Identification of novel risk factors for hip osteoarthritis using different approaches: magnetic resonance imaging-assessed hip structural changes and risk of total hip replacement.	Wang, Yuanyuan (CIA)	2011-2012	\$7,000	\$50,000
Australasian Fire and Emergency Service Authorities Council Ltd	A Retrospective Cancer and Mortality Cohort Study of Australian Firefighters	Glass, Deborah C (CIA); Sim, Malcolm R; Blackman, Jillian F	2008-2013	\$443,400	\$1,332,300
Australian Red Cross Blood Service	Australia's blood supply in a major disaster or pandemic: How will we meet clinical demand?	Phillips, Louise E (CIA)	2011-2012	\$95,000	\$217,727
Beyond Blue: the national depression initiative	Extension of randomised controlled trial of MoodCare: Managing co-morbid depression after acute coronary syndrome	Oldenburg, Brian F (CIA); Hollingsworth, Bruce P; Hare, David; Atherton, John J; Jelinek, Michael V; Hawkes, Anna; Sanderson, Kristy; Taylor, Barr	2011-2012	\$34,671	\$86,677
BG Medicine Inc (US) (BGM)	Galectin-3 and prognosis in HFPEF: I-PRESERVE Substudy	Krum, Henry (CIA)	2012-2012	\$6,334	\$9,695
Bushfire CRC Ltd	Bushfire CRC Scholarship – Anjali Haikerwal	Haikerwal, Anjali B (CIA)	2011-2012	\$28,000	\$84,000
Collaborative Study Group (CSG) – US	Lilly Protocol H9V-MC-GFRF	Atkins, Robert C (CIA)	2011-2012	\$33,120	\$411,527
Collagen Aesthetics Australia (Subsidiary of INAMED, USA)	Centre for the study of obesity	O'Brien, Paul E (CIA)	2005-2012	\$375,522	\$4,648,613
Craig and Connie Kimberley	The BUPA Health Foundation Health and Wellbeing after Breast Cancer Study	Davis, Susan R (CIA); Bell, Robin J; Panjari, Mary	2011-2013	\$87,500	\$140,000
CSL Limited	Critical Bleeding and Massive Transfusion Registry	Cameron, Peter (CIA)	2011-2012	\$234,300	\$339,300
Finkel Foundation	Finkel Chair in Global Health	Oldenburg, Brian F (CIA)	2008-2012	\$80,384	\$2,937,796
GlaxoSmithKline, Australia	A Clinical Outcomes Study of Darapladib versus Placebo in Subjects with Chronic Coronary Heart Disease to Compare the Incidence of Major Adverse Cardiovascular Events (MACE) – STABILITY Trial	Krum, Henry (CIA)	2009-2013	\$26,519	\$219,600
Heart Foundation	Heart Foundation Postgraduate Research Scholarship – Thathya Venu Ariyaratne	Ariyaratne, Thathya V (CIA)	2011-2012	\$25,978	\$62,775

Source	Project Title	Names of Investigators	Duration	Amount received in 2012	Total funds
International Agency for Research on Cancer	Occupation exposure and brain cancer.	Benke, Geza P (CIA)	2008-2012	\$2,384	\$54,323
Medibank Private	Victorian cardiac outcome registry (VCOR)	McNeil, John J (CIA); Reid, Christopher M; Tonkin, Andrew M	2011-2014	\$500,000	\$1,200,000
Merck, Sharp & Dohme (Australia) Pty Ltd	Melbourne Interventional Group Registry ('MIG') Registry	Krum, Henry (CIA)	2012-2012	\$50,000	\$100,000
National Breast Cancer Foundation	Survivorship: risk awareness and lifestyle intervention to reduce modifiable risk factors for recurrence and impact of breast cancer treatment on health (Phase 1 Think Tank)	Teede, Helena J (CIA)	2012	\$15,000	\$15,000
National Institutes of Health (NIH), USA	ASPrin in Reducing Events in the Elderly (ASPREE)	McNeil, John J (CIA); Nelson, Mark R; Storey, Elsdon; Wolfe, Rory SJ; Woods, Robyn L; Tonkin, Andrew M; Grimm, Hugo; Newman, Anne B; Shah, Raj C; Nelson, Mark; Murray, Anne M; Benavente, Oscar R; Williamson, Jeff D	2010-2013	\$5,595,467	\$23,372,347
National Institutes of Health, Fogarty International Center	Building the Asian non-communicable disease research network for regional research capacity	Oldenburg, Brian F (CIA); Abdul Kadir, Khalid; Fisher, Edwin B; Thankappan, Kavumpurathu	2010-2013	\$314,928	\$1,178,773
Population Health Research Institute, Hamilton Health Sciences	HOPE-3 (Heart Outcomes Prevention Evaluation – 3 Study)	Krum, Henry (CIA)	2008-2013	\$9,511	\$58,514
Royal Australasian College of Surgeons	Mechanics of satiety and appetite control	Burton, Paul R (CIA)	2011-2012	\$45,000	\$90,000
The George Institute for International Health	Kanyini Guidelines Adherence with the Polypill (GAP) Study	Reid, Christopher M (CIA)	2009-2013	\$63,200	\$184,436
US Army	ATLAS study: Adjuvant tamoxifen-longer against shorter	Davis, Susan R (CIA)	2005-2012	\$22,973	\$45,901
Victorian Neurotrauma Initiative	Multi-centre randomised controlled trials of early acute interventions (hypothermia, erythropoietin, and decompressive craniectomy) to attenuate secondary brain injury after trauma	Cooper, David J (CIA); Bellomo, Rinaldo; Bernard, Stephen A; Morganti-Kossmann, Maria C	2010-2013	\$354,144	\$2,086,100
World Bank	Malaysia Public Expenditure Review 2011: Health Sector: Policy, Expenditure, and Management	Mahal, Ajay S (CIA)	2011-2012	-\$10	\$53,906
Cooperative Research Centres (CRC)	Sinclair CRC Administration	Sinclair, Martha I (CIA)	2005-2012	0	\$134,053
BUPA Health Foundation	The BUPA Health Foundation Health and Wellbeing After Breast Cancer Study	Davis, Susan R (CIA); Bell, Robin J	2008-2013	\$107,850	\$888,911
Colorectal Surgical Society of Australia and New Zealand	Bi-National Colorectal Cancer Audit	Reid, Christopher M (CIA)	2011-2014	\$11,000	\$54,000
The Australian and New Zealand Society of Cardiac and Thoracic Surgeons (ANZSCTS)	ANZSCTS National Database Program	Reid, Christopher M (CIA)	2011-2013	\$335,987	\$1,101,587

Appendix 2 : SPHPM Research Publications for 2012

Book Chapters

Preece, M., Unsworth, C.A., Odell, M.S., 2012, Driving after traumatic brain injury, in *Brain Injury Medicine Principles and Practice.*, eds Nathan D Zasler, Douglas I Katz, M. Ross Bullock, pp. 1302-1315.

Journal Articles

Abdullah, A., Wolfe, R.S.J., Mannan, H.R., Stoelwinder, J.U., Stevenson, C.R., Peeters, A., 2012, Epidemiologic merit of obese-years, the combination of degree and duration of obesity, *American Journal Of Epidemiology* [P], vol 176, issue 2. pp. 99-107.

Abouzeid, M., Kelsall, H., Forbes, A., Sim, M., Creamer, M., 2012, Posttraumatic stress disorder and hypertension in Australian veterans of the 1991 Gulf War, *Journal of Psychosomatic Research* [P], vol 72, issue 1. pp. 33-38.

Abramson, M.J., Schattner, R.L., Sulaiman, N.D., Del Colle, E.A., Aroni, R., Thien, F., 2012, Accuracy of asthma and COPD diagnosis in Australian general practice: a mixed methods study, *Primary Care Respiratory Journal* [E], vol 21, issue 2. pp. 167-173.

Ackerman, I.N., Buchbinder, R., Osborne, R.H., 2012, Challenges in evaluating an arthritis self-management program for people with hip and knee osteoarthritis in real-world clinical settings, *International Journal of Rheumatology* [P], vol 39, pp. 1047-1055.

Ackland, H., Cameron, P., 2012, Cervical spine clearance in trauma patients, *The Indian Journal of Neurotrauma* [P], vol 9, issue 2. pp. 79-84.

Ackland, H., Wolfe, R.S.J., Cameron, P., Cooper, D.J., Malham, G.M., Varma, D.K., Fitt, G., Rosenfeld, J.V., Liew, S.M., 2012, Health resource utilisation costs in acute patients with persistent midline cervical tenderness following road trauma, *Injury-International Journal Of The Care Of The Injured* [P], vol 43, issue 11. pp. 1908-1916.

Alam, K., Khan, J.A., Walker, d.G., 2012, Impact of dropout of female volunteer community health workers: an exploration in Dhaka urban slums, *BMC Health Services Research* [E], vol 12, issue Art. ID: 260, 1472-6963.

Alviar, M.J., Olver, J., Pallant, J.F., Brand, C.A., de Steiger, R.N., Pirpiris, M., Bucknill, A., Khan, F., 2012, Can the ICF osteoarthritis core set represent a future clinical tool in measuring functioning in persons with osteoarthritis undergoing hip and knee joint replacement?, *Journal of Rehabilitation Medicine* [P], vol 44, issue 11. pp. 955-961.

Ammann, D., McLaren, J., Gerostamoulos, D., Beyer, J., 2012, Detection and quantification of new designer drugs in human blood: Part 2 – Designer cathinones, *Journal of Analytical Toxicology* [P], vol 36, issue 6. pp. 381-389.

Ammann, J., McLaren, J., Gerostamoulos, D., Beyer, J., 2012, Detection and quantification of new designer drugs in human blood: Part 1 – Synthetic cannabinoids, *Journal of Analytical Toxicology* [P], vol 36, issue 6. pp. 372-380.

Ananda-Rajah, M., Grigg, A.P., Downey, M., Bajel, A., Spelman, T., Cheng, A., Thursky, K.T., Vincent, J., Slavin, M., 2012, Comparative clinical effectiveness of prophylactic voriconazole/posaconazole to fluconazole/itraconazole in patients with acute myeloid leukemia/ myelodysplastic syndrome undergoing cytotoxic chemotherapy over a 12-year period, *Haematologica-The Hematology Journal* [P], vol 97, issue 3. pp. 459-463.

Andres, M., Sivera, F., Falzon, L., Buchbinder, R., Carmona, L., 2012, Dietary Supplements for chronic gut, *Cochrane Databases of Systematic Reviews* [P], vol 11, issue Art. No.: CD010156. pp.1-12

Andrew, N.E., Wolfe, R.S.J., Cameron, P., Richardson, M., Page, R., Bucknill, A., Gabbe, B.J., 2012, Return to pre-injury health status and function 12 months after hospitalisation for sport and active recreation related orthopaedic injury, *Injury Prevention* [P], vol 18, issue 6. pp. 377-384.

Andrew, N., Gabbe, B., Wolfe, R., Cameron, P., 2012, Trends in sport and active recreation injuries resulting in major trauma or death in adults in Victoria, Australia, 2001-2007, *Injury-International Journal Of The Care Of The Injured* [P], vol 43, issue 9. pp. 1527-1533.

Andrianopoulos, N., Jolley, D.J., Evans, S.M., Brand, C.A., Cameron, P., 2012, Application of Variable Life Adjusted Displays (VLAD) on Victorian Admitted Episodes Dataset (VAED), *BMC Health Services Research* [E], vol 12, issue Art. No: 278. pp. 1-15.

Aronson, D., Krum, H., 2012, Novel therapies in acute and chronic heart failure, *Pharmacology and Therapeutics* [P], vol 135. pp. 1-17.

Atherton, J., Hayward, C., Wan, W.A., Kwok, B., Jorge, J., Hernandez, A., Liang, L., Kociol, R., Krum, H., 2012, Patient characteristics from a regional multicenter database of acute decompensated heart failure in Asia Pacific (ADHERE International-Asia Pacific), *Journal Of Cardiac Failure* [P], vol 18, issue 1. pp. 82-88.

Aung, A.K., Corcoran, S.J., Nagalingam, V., Paul, E., Newnham, H.H., 2012, Prevalence, associations, and risk factors for orthostatic hypotension in medical, surgical, and trauma inpatients: an observational cohort study, *Ochsner Journal* [P], vol 12, issue 1. pp. 35-41.

Aung, A.K., Skinner, M.J., Lee, F.J., Cheng, A.C., 2012, Changing epidemiology of bloodstream infection pathogens over time in adult non-specialty patients at an Australian tertiary hospital, *Communicable diseases intelligence* [E], vol 36, issue 4. pp. E333-E341.

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Backholer, K., Chen, L., Shaw, J., 2012, Screening for diabetes, *Pathology* [P], vol 44, issue 2. pp. 110-114.

Backholer, K., Freak-Poli, R., Peeters, A., 2012, Daily step count and change in waist circumference during a workplace pedometer program, *Open Journal of Preventive Medicine* [P], vol 2, issue 2. pp. 249-256.

Backholer, K., Mannan, H.R., Magliano, D.J., Walls, H.L., Stevenson, C.E., Beauchamp, A.J., Shaw, J., Peeters, A., 2012, Projected socioeconomic disparities in the prevalence of obesity among Australian adults, *Australian and New Zealand Journal of Public Health* [P], vol 36, issue 6. pp. 557-563.

Backholer, K., Pasupathi, K., Wong, E.E.L., Hodge, A., Stevenson, C.E., Peeters, A., 2012, The relationship between body mass index prior to old age and disability in old age, *International Journal Of Obesity* [P], vol 36, issue 9. pp. 1180-1186.

Balogh, Z., Reumann, M.K., Gruen, R.L., Mayer-Kuckuk, P., Schuetz, M.A., Harris, I.A., Gabbe, B.J., Bhandari, M., 2012, Advances and future directions for management of trauma patients with musculoskeletal injuries, *Lancet* [P], vol 380, issue 9847. pp. 1109-1119.

Barker, A., Barlis, P., Berlowitz, D., Page, K., Jackson, B., Lim, W., 2012, Pharmacist directed home medication reviews in patients with chronic heart failure: a randomised clinical trial, *International Journal of Cardiology* [P], vol 159, issue 2. pp. 139-143.

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- Bassed, R.B., Ranson, D.L., 2012, Age determination of asylum seekers and alleged people smugglers, *Journal of Law and Medicine* [P], vol 20, issue 2. pp. 261-265.
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Appendix 3: SPHPM Senior Staff Board and Committee Memberships

Professor John McNeil

Board member: Colonial Foundation

Board member: Orygen Youth Mental Health Research Institute

Board member: Austin Hospital

Board member: Austin Life Sciences Board

Board member: Victorian Managed Insurance Authority (VMIA) Board

Committee member: Austin Hospital Quality and Safety Committee

Committee member: Orygen Research Committee (Chair)

Committee member: Australian Commission for Safety and Quality in Healthcare: Clinical Quality Registry Advisory Committee

Committee member: Independent Safety Advisory Committee- Johnson and Johnson

Committee member: South East Asia Community Observatory board and the Scientific Advisory Committee

Committee member: CSIRO P-Health advisory Committee

Committee member: Burnett Institute Research Advisory Committee

Committee member: Dunlop Research Advisory Committee

Committee member: Royal Melbourne Research Grants Committee

Committee member: Alfred Hospital Research Council

Committee member: Alfred Hospital Research Ethics Committee

Committee member: Alfred General Issues Ethics Sub-committee

Committee member: Alfred Hospital Drugs and Therapeutics Committee

Committee member: Ambulance Victoria Medical Advisory Committee

Committee member: Red Cross Research Advisory Committee

Committee member: National Blood Authority Haemovigilance Advisory Committee

Committee member: Victorian Department of Health Cancer Quality and Outcomes Committee

Committee member: Monash Partners Academic Health Scientific Centre (MPAHSC) Steering Committee

Committee member: Council of Academic Public Health Institutions Australia (CAPIA)

Committee member: Victorian Cancer Council Scientific Advisory Committee

Committee member: Monash Comprehensive Cancer Consortium (MCCC) Management Committee

Committee member: Drug Policy Modelling Program (DPMP) Advisory Group

Professor Michael Abramson

Chair: Australian Lung Foundation COPD Evaluation Committee

Board member: Respiriology

Associate Editor: International Journal of Tuberculosis and Lung Disease

Committee member: Australian Lung Foundation COPD Evaluation Committee

Committee member: National Asthma and Linked Chronic Respiratory Conditions Monitoring Advisory Group, Australian Institute of Health and Welfare

Committee member: Asthma Management Plan Evaluation Advisory Committee, Centre for Health Service Development, University of Wollongong

Committee member: Asthma Australia National Research Council

Committee member: NHMRC Wind Farms and Human Health Reference Group

Professor Robin Bell

Editorial review board member: Journal Menopause

Committee member: scientific review panel for ANZ trustees

Professor Rinaldo Bellomo

Committee member: Scientific Advisory Committee on Sepsis Lilly Australia Pty Ltd,

Committee member: Scientific Advisory Committee American Immuno Tech LLC,

Committee member: BioScience Research Associates Inc, Member of Scientific Advisory Committee

Committee member: Renal Tech, Member of Scientific Advisory Committee

Committee member: Lilly International Inc. Member of International Advisory Committee on Acute Renal Failure Service to the Discipline

Committee member: International Committee for Acute Dialysis Quality Initiative

Professor Wendy Brown

Chair: Clinical Sub-Panel Surgery AMC

Committee member: Obesity Surgery Society Australia and NZ (President)

Committee member: Victorian Surgical Consultative Council

Committee member: Australia and NZ Gastro Oesophageal Surgery Association

Committee member: The Avenue Hospital Human Research Ethics Committee

Deputy senior examiner of FRACS General Surgery court of examiners

Examiner of the Australian Medical Council

Committee member: Surgical MCQ writing panel AMC

Committee member: Victorian Insurance Medical Association

Assessor of the Australian Medical Council Undergraduate Programmes

Committee member: Alfred Hospital Residents and Graduates Committee

Committee member: The Avenue Hospital Medical Advisory Committee

Professor Rachelle Buchbinder

Editorial board member: Cochrane Musculoskeletal Group

Editorial board member: BMC Musculoskeletal Disorders

Editorial board member: BioMed Central Chiropractic and Osteopathy

Editorial board member: Physical Therapy

Editorial board member: Arthritis Research and Therapy

Editorial consultant: American College of Physicians, Physicians' Information and Education Resource (PIER)

Coordinating editor, Australian Satellite of the Cochrane Musculoskeletal Group

Coordinating editor of Cochrane Musculoskeletal Group

Advisory board member: Cochrane Back Group

Chair, Australian Rheumatology Arthritis Database Scientific Advisory Committee

Chair, Back Pain Expert Group for the Global Burden of Diseases, Injuries, and Risk Factors (GBD) Study

Co-Chair, Scientific Program and Research Committee: Australian Rheumatology Association

Committee member: Arthritis Australia Research Awards Selection Committee

Committee member: International Organising Committee, Low back Pain Forum

Committee member: NHMRC Practitioner Fellowship Peer Review Panel

Committee member: Specialist Review Council, Department of Veterans' Affairs, Rheumatoid Arthritis

Committee member: Surveillance Task Force, Bone and Joint Decade

Committee member: Arthritis and Musculoskeletal Conditions Steering Group for the NHMRC Research Translation Faculty

Professor Peter Cameron

Executive committee member: Monash Partners Academic Health Science Centre, Critical Care Trauma and Perioperative Medicine

Steering committee member: Victorian Ambulance Cardiac Arrest Registry

Steering committee member: Victorian State Trauma Registry and Outcomes Monitoring Group

Steering committee member: Massive Transfusion Registry

Chair, Steering Committee: Victorian Orthopaedic Trauma Outcomes Registry (1 January – 30 June 2012), Member, Steering Committee, (1 July 2012 – present)

Professor Flavia Cicuttini

Committee member: Repatriation Medical Authority

Committee member: Victorian Rheumatology Heads of Unit Committee

Committee member: Australasian Faculty of Public Health Medicine

Committee member: Italian Medical Association

Committee member: Royal Australasian College of Physicians

Committee member: Australian Rheumatology Association

Professor Jamie Cooper

Chair: Australian and New Zealand Intensive Care Research Centre (ANZIC-RC) Advisory Board

Chair, executive committee: Monash Partners Academic Health Science Centre, Critical Care Trauma and Perioperative Medicine

Chair, steering committee member: Monash Partners Academic Health Science Centre, Critical Care Trauma and Perioperative Medicine

Chair, executive committee: Centre of Research Excellence for Patient Blood Management in Critical Illness and Trauma

Chair, steering committee member: Centre of Research Excellence for Patient Blood Management in Critical Illness and Trauma

Steering committee member: Clinical Informatics and Data Management Unit (CIDMU)

Steering committee member: Centre of Excellence in Traumatic Brain Injury Research (CETBIR)

Committee member: Trauma Quality Subcommittee, State Trauma Committee (STC)

Delegate for the Dean of Medicine, Nursing and Health Sciences, Monash University for the Victorian Neurotrauma Advisory Council (VNAC)

Editorial board member: journal of the College of Intensive Care Medicine: Critical Care and Resuscitation

Professor Susan Davis

Board member: International Menopause Society

Committee member: ANZ Bone and Mineral Society

Committee member: Professional Education Committee, North American Menopause Society

Committee member: Cancer Council of Victoria, Breast Cancer Trials Subcommittee

Professor Jane Fisher

Board member: International Board of Advisors, Research and Training Centre for Community Development Hanoi, Vietnam

Research Advisor: West Australian Perinatal Mental Health Unit

Chair, Psychosocial and Epidemiological Research in Reproduction Group, Royal Women's Hospital and Melbourne IVF

Committee member: Human Research Ethics Committee, Epworth HealthCare

Committee member: National Evidence-Based Guidelines for Antenatal Care Expert Group, Women's Hospitals Australasia

Committee member: Royal Women's Hospital Research Committee

Committee member: Patient Care Advisory Committee, Masada Private Hospital

Secretary, International Executive Committee: Marcé Society

Committee member: Royal Women's Hospital, Research Institute Planning Committee

Committee member: Mother-Baby Unit Consultative Committee, Masada Private Hospital

Committee member: Mental Health Advisory Council to the ACT Health Authority

Professor Sally Green

Board member: International Society for Evidence-based Health Care

Board member: Cochrane Renal Review Group Advisory Board

Board member: Cochrane Musculoskeletal Group Advisory Board

Editorial board member: British Journal of Sports Medicine

Editorial Board member: Implementation Science Committee member the (Evaluation expert): Program Reference Group, 5th Community Pharmacy Agreement, Department of Health and Ageing.

Committee member: National Health and Medical Research Council (NHMRC), Health Care Committee (HCC).

Committee member: National Health and Medical Research Council (NHMRC), TRIP (Translating Research Into Practice)

Committee member: Consortium Advisory Group, Effective Health Care Research Programme, University of Liverpool, United Kingdom.

Committee member: Governing Committee: Chris Silagy Prize

Professor Henry Krum

Chairman: Adverse Drug Reactions Committee

Committee member: Pharmacy and Therapeutics Advisory Committee

Deputy chair of the Ethics Research Committee, Alfred Hospital

Executive committee member: EFFECT-HF Study

Executive committee member: CHAMP Study

Steering committee member: ACCELERATE

Executive committee member: ARTS Study Program

Executive committee member: TRUE-AHF Study

Steering committee member: CANTOS Study

Steering committee member: ELIXA Study

Steering committee member: PRESERVATION 1 Study

Executive committee member: VIVID Study

Co-Chairman: PRECISION 24 Hour ABPM Sub-Study

Chairman, executive committee: Global PI, ATMOSPHERE Study

Executive committee member: ECHO-CRT Study

Executive committee member: FUSION Pacing

Professor Ajay Mahal

Editorial board member: Infectious Diseases of Poverty

Associate editor: Journal of the Economics of Aging

Professor Paul Myles

Editor: British Journal of Anaesthesia

Editorial board member: Anaesthesia and Intensive Care

Editorial board member: Heart Lung and Circulation (previously Asia-Pacific Heart Journal).

Editorial board member: Journal of Cardiothoracic and Vascular Anesthesia

Editorial consultant: The Lancet

Committee member: National Health and Medical Research Council, Assigners Academy

Committee member: Victorian Government Department of Health, Victorian Policy Advisory Committee on Clinical Practice and Technology (VPACCTP)

Committee member: Victorian Government Department of Health Statewide Elective Surgery Reference Group (SESERG)

Committee member: Department of Health and Ageing (Commonwealth), Operating Room (OR) Clinical Working Group (Production of Operating Room Service Weights for AR-DRG)

Committee member: Alfred Hospital Pharmacy and Therapeutics Advisory Committee

Committee member: Australian & New Zealand College of Anaesthetists, Research Committee

Committee member: Australian & New Zealand College of Anaesthetists Quality and Safety Committee.

Committee member: Australian Society of Anaesthetists, NSC Federal Scientific Programme Subcommittee

New drug evaluator: Therapeutic Goods Administration

Professor Daniel O'Connor

Board member: Education, Australian and New Zealand College of Psychiatrists

Chair: Educational Projects, Australian and New Zealand College of Psychiatrists

Committee member: Quality Assurance Committee, Office of the Chief Psychiatrist, Department of Health Victoria

Committee member: Dementia Collaborative Research Centre, University NSW

Professor Brian Priestly

Committee member: TGA Advisory Committee on Prescription Medicines

Committee member: Gene Technology Technical Advisory Committee

Committee member: Queensland Water Commission; Expert Panel

Committee member: NICNAS Nanotechnology Advisory Group

Member of the independent monitoring committee: Botany Industrial Site Remediation Project

Member of the independent Expert Panel: Botany Industrial Site Carpark Remediation Project

Committee member: Australasian College of Toxicology & Risk Assessment (ACTRA)

Professor Chris Reid

Chairman: Data and Safety Monitoring Board, AVOID Study (Air versus Oxygen in Myocardial Infarction)

Associate editor: Clinical Experimental Physiology and Pharmacology

Associate editor: Cardiovascular Therapeutics

Associate editor: International Journal of Cardiology

Associate editor: International Editorial Consultant, ASEAN Heart Journal

Professor Malcolm Sim

Board member: International Commission of Occupational Health (ICOH)

Deputy editor: Occupational and Environmental Medicine

Associate editor: Asia Pacific Journal of Public Health

Editorial board member: Journal of Military and Veterans' Health

Editorial board member: Asia Journal of Public Health

Chair: Occupational Medicine Scientific Committee of the International Commission of Occupational Health

Committee member: Scientific Reference Group of the Study Program of Mental Health in NSW Emergency Services Personnel

Committee member: Exposure Assessment Committee, Mobi-Kids case control study of brain tumours in young people and mobile phones
Steering committee member: The Longitudinal Health Surveillance Program of Australian Defence Force Members

Committee member: Human Research Ethics Committee of the Australian Institute of Health and Welfare

Committee member: Epidemiology in Occupational Health Scientific Committee of the International Commission on Occupational Health

Committee member: Public Health and Epidemiology Faculty 1000 Medicine online literature evaluation program for Environmental Health Section

Committee member: Asia-Pacific Academic Consortium for Public Health (APACPH)
Environmental and Occupational Epidemiology Network

Committee member: Expert Panel on Aircraft Air Quality appointed by the Australian Civil Aviation Safety Authority

Committee member: Ministerial Reference Council for Climate Change Adaptation, established by the Victorian Department of Sustainability and Environment

Committee member: Medical Research Committee, Sir Edward Dunlop Foundation

Committee member: Occupational Health Advisory Group for the Centre of Occupational Health, Department of Defence.

Committee member: Serum Management Committee to monitor use of serum samples collected during the Gulf War study, established by Department of Veterans' Affairs

Committee member: Occupational Medicine Consultative Group for the Australian Defence Forces

Regular examiner for the Australasian Faculty of Occupational Medicine and Royal Australia College of Physicians Fellowship Examination

Professor Just Stoelwinder

Chair: Board of Ambulance Victoria

Professor Helena Teede

Director: Board of Diabetes Australia Victoria Limited

Board member: International AEPPOS Society

Council member: The Endocrine Society of Australia

President: of the Endocrine Society of Australia

Committee member: Women's Health Policy Round Table, advisor to Federal Government

Committee member: Victorian Government Round Table on Diabetes and Prevention of Chronic Disease

Committee member: Research Advisory Committee of Southern Health

Southern Health Revitalisation of Ambulatory Care – Clinical Lead

Committee member: the NHMRC Health Care Committee

Committee member: the Endocrine Society of Australia Medical Affairs Committee

Committee member: the NHMRC CEO Advisory Committee, translation of evidence into practice

Committee member: the NHMRC Interim Executive of the Research Translation Faculty (Clinical)

Committee member: the NHMRC Health Care Committee member second triennium

Committee member: international collaborative of peak researchers in PCOS

Committee member: the NHMRC Research Translation Faculty

Professor Andrew Tonkin

International Associate Editor: Circulation

Committee member: Cardiovascular Working Group within Internal Medicine Topic Advisory Group for revision of the International Classification of Diseases (ICD-II), World Health Organisation

Chairman of the Advisory Committee: National System for Monitoring Cardiovascular Disease, Department of Health and Ageing

Committee member: Reference Committee for an Integrated Vascular Guideline, Office of Aboriginal and Torres Strait Islander Health:

Chairman: LIPID Management Committee, National Heart Foundation of Australia

Professor Barbara Workman

Committee member: Adult Medicine Division
Council member of the RACP

Committee member: Adult Medicine Division (AMD) Executive

Committee member: Clinical Leadership Group on Care of Older People, Department of Health

Co-chair Clinical Ethics Committee: Southern Health

Committee member: Geriatric Medicine Education and Training Committee of the ANZSGM

Committee member: Victorian Geriatric Medicine Training Program (VGMTP) Advisory Committee

Associate Professor Michael Bailey

Chairman of the Data Safety Monitoring Board: Ondansetron Study

Editorial board member: ISRN Critical Care

Editorial board member: Dataset Papers in Medicine – Critical Care

Associate Professor Allen Cheng

Committee member: Advisory Committee on Prescription Medicines

Committee member: Communicable Diseases Network of Australia

Committee member: Influenza Surveillance Systems Working Group

Committee member: National Prescribing Service Reference Group

Associate Professor Belinda Gabbe

Committee member: International Collaborative Effort on Injury Steering Committee

Committee member: Program Advisory Committee, Return to Work and Compensation Systems,

Institute for Safety Compensation and Recovery Research

Invitee: State Trauma Committee, Department of Health

Committee member: access to Care Project Scientific Advisory Committee

Committee member: Compensation Research Database Steering Committee

Committee member: Bi-National Burns Registry Steering Committee

Committee member: Bi-National Burns Registry Reference Committee

Committee member: Australian Trauma Registry and Australian Trauma Quality Improvement Program (AusTQIP) Management Committee

Committee member: Victorian State Trauma Outcomes Registry and Monitoring Group Steering Committee

Committee member: Victorian Orthopaedic Trauma Outcomes Registry Steering Committee

Committee member: Research Advisory Committee, Victorian Institute of Forensic Medicine

Associate Professor Deborah Glass

Editorial Board member: Annals of Occupational Hygiene

Committee member: Australian Institute of Occupational Hygienists (AIOH) Certification Subcommittee.

Committee member: Cancer Council of Australia's Occupational and Environmental Cancer Subcommittee

Committee member: Safework Australia Workplace Exposure Standards Expert Working Group.

Committee member: RMIT Occupational Health and Safety course Review Committee

Associate Professor Dragan Ilic

Editorial Board member: International Scholarly Research Network (ISRN) Education

Editorial Board member: Journal of Biomedical Education

Associate Professor Catherine Joyce

Committee member: Technical advisory group of Health Workforce Australia (HWA).

Associate Professor Karin Leder

Executive board committee member: International Society of Travel Medicine

Associate Professor Bebe Loff

Committee member: Sex Work Ministerial Advisory Committee

Editorial board member: Monash Bioethics Review

Editorial board member: Indian Journal of Medical Ethics

Editorial board member Journal of Immigrant and Minority Health

Associate Professor Andre Renzaho

Editorial advisory board member: Australian and New Zealand Journal of Public Health

Editor: Journal of Internal Displacement

Editorial advisory board member: Health Services Insights Journal

Editorial advisory board member: Open Tropical Medicine Journal

Committee member: National Health and Medical Research Council's Postdoctoral Reference Group

Approved contractor for New Zealand's
International Aid and Development Agency

Associate Professor Ben Smith

Board member: Christian Blind Mission Australia
Committee member: Management Group of
Andrology Australia

Associate Professor Peter Smith

Steering committee member: The Institute for
Safety, Compensation and Recovery Research
(ISCRR) Compensation Research Database
Committee member: The Institute for Safety,
Compensation and Recovery Research (ISCRR)
Return to Work and Recovery and Compensation
Systems Research Program Advisory Group

Associate Professor Anita Wluka

Committee member: NHMRC Postdoctoral
Reference Group
Committee member: the Australian Rheumatology
Association Research Trust Scientific Advisory
Board
Scientific Programme and Research Committee
member: Australian Rheumatology Association

Associate Professor Erica Wood

Board member: International Haemovigilance
Network
Board member: International Society of Blood
Transfusion
President: Australian and New Zealand Society of
Blood Transfusion
Chair, clinical expert group: Victorian Blood Matters
Serious Transfusion Incident Reporting (STIR)
haemovigilance program
Committee member: World Health Organization
Expert Advisory Panel in Transfusion Medicine
Committee member: Joint Specialist Advisory
Committee in Haematology, RCPA and RACP
Advisory committee member: Blood Matters/Better
Safer Transfusion Program (Department of Health,
Victoria, in partnership with the Australian Red
Cross Blood Service)
Committee member: Australian National
Haemovigilance Advisory Committee
Committee member: International Collaboration
for Guideline Development, Implementation and
Evaluation for Transfusion Therapies
Committee member: Pharmaceutical
Subcommittee of the Advisory Committee on
Prescription Medicines, Therapeutic Goods
Administration

Associate Professor Sophia Zoungas

Member of external advisory boards: Merck Sharpe
and Dolme, Novo Nordisk, Boehringer Ingelheim,
BMS/AstraZeneca, Sanofi Aventis.
Committee member: NHMRC Translation Faculty
Executive Committee member: Southern Health
Peri-operative Diabetes Management Guideline
Group.
Steering committee member: Overseeing
the revision of the NHMRC guidelines for
the management of blood pressure, lipids,
cardiovascular risk and foot disease in type 2
diabetes.
Expert panel member: Overseeing the writing of
the new NHMRC guidelines for the management of
type 1 diabetes.
Expert panel member: Therapeutic Guidelines
update of Cardiovascular and Endocrinology

Guidelines

International Clinical Study Coordinator: ADVANCE-
ON, the post trial observational follow-up of the
ADVANCE cohort
National leader and medical advisor: CANVAS Trial
Chair of the organising committee: CONTROL Trial,
Collaborators on Trials of Glucose Lowering
Chair of the Steering committee: National
Association of Diabetes Centres
Serving member on ADS council
Associate editor: Diabetic Medicine

Further information

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