



MONASH University

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Medicine, Nursing and Health Sciences

School of Public Health and Preventive Medicine

Annual Report 2014



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From the Head of School



Professor John McNeil,
Head of School

I am pleased to present the 2014 Annual Report for the School of Public Health and Preventive Medicine (SPHPM) at Monash University.

Our school has accomplished several key achievements in 2014. There has been a 10% growth in funding from 2013 to 2014 which is significant as there was also a 10% growth in funding from 2012 to 2013. Our school has attained success with National Health and Medical Research Council (NHMRC) funding with \$14 million in Project Grant funding, \$2.5 million in Centre of Research Excellence funding and \$2.2 million in Fellowship funding totalling \$19 million dollars of NHMRC funding for 2014.

In November of 2014 our school in collaboration with the School of Rural Health, was awarded a \$26.5 million, from a successful Victorian Department of Health tender to conduct a study into the long term health effects of the Hazelwood open cut brown coal mine fire in Victoria's Latrobe Valley. The Hazelwood Coal Mine Fire Health Study will pay particular attention to susceptible sub-groups, such as pregnant women, infants, children, the elderly, and those with pre-existing lung and heart disease. The study outcomes will assist researchers in understanding the evidence on which to base health advice for the future and contribute to the understanding of long term impact of short term events.

Our School has received \$4.5 million in funding from the Movember Foundation for the establishment of an Australian Prostate Cancer Clinical Registry (APCCR). The Movember Foundation encourages men (Mo-Bros) to grow moustaches during Movember (November), to instigate dialogue, generate awareness and raise money for men's health initiatives.

The Federal Department of Health has funded a Breast Device Registry which tracks the outcomes and quality of all Breast Device Surgery performed across Australia. The Breast Device Registry is the first of its kind across the world and has become a model registry for several of the countries collaborating in the project. The Breast Device Registry will provide a means of tracking breast devices and permit monitoring of device performance and patient outcomes after surgery, contributing to the understanding of the long term safety of implanted breast devices and helping to improve patient safety.

I would like to congratulate Professor Malcolm Sim and Professor Michael Abramson for their 25 years of service awards. Since their appointments in 1989 they have made outstanding contributions to the development of our School and each has played a key role in Australian Public Health.

In 2014, our School had over 700 publications in recognised and renowned journals. Two outstanding publications that deserve particular acknowledgment include: Myles, P.S et al, *The safety of addition of nitrous oxide to general anaesthesia in at-risk patients having major non-cardiac surgery (ENIGMA-II)*: A randomised, single-blind trial published in The Lancet and Peake, S.L et al, *Goal-directed resuscitation for patients with early septic shock* published in the New England Journal of Medicine. We were pleased to note that of the 10 highest cited publications since 2000 for Monash University, nine were co-authored by researchers from the School.

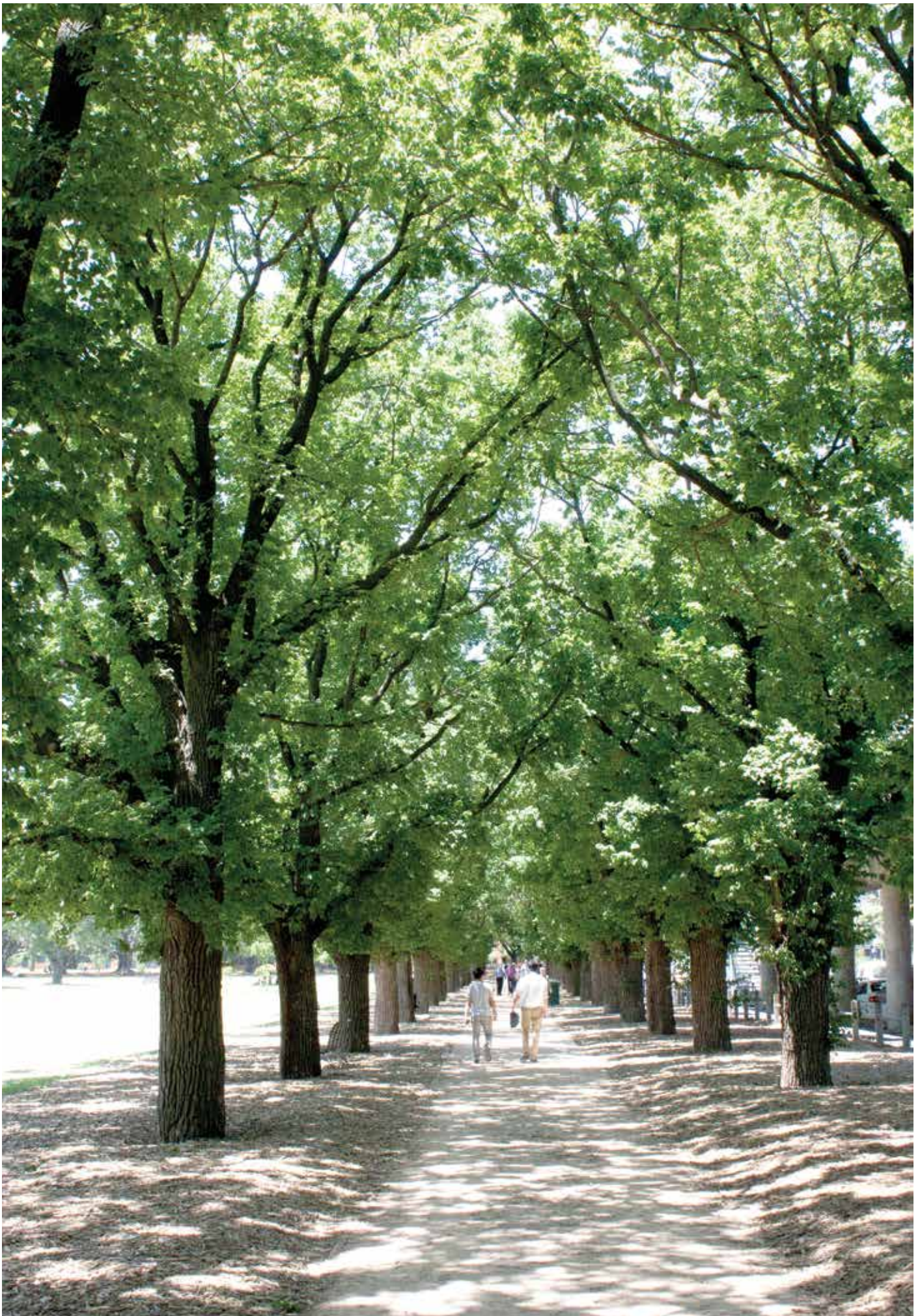
I would like to welcome three new statisticians, Professor John Reynolds, Associate Professor Stephane Heritier and Dr Arul Earnest to the School and the Biostatistics Unit. Our academic team was further strengthened by the appointment of Professor John Zalcborg, Professor Noel Woodford, Professor Rodney Cooter and Professor Collin Moore. I would like to farewell several staff members, Professor Brian Oldenburg, Dr Linda De Melis, Associate Professor Andre Renzaho and Associate Professor Peter Smith, whose contribution to our School will be greatly missed.

Our School has been involved with the teaching of 2000 undergraduate students across three courses. Professor Just Stoelwinder set the groundwork for an exciting new venture in international teaching in public health and health services management, in collaboration with the Pearson Education Group. We have been home to over 500 postgraduate coursework students and 160 higher degree by research students. Our Honours Program has grown by 50% over the past two years, holding a cohort of 30 students.

On the international front we continue to develop our links across Asia, the United States and Europe. Our collaborative program with Sri Lanka to provide a final year of research training to MD graduates continues to expand. We have now expanded this program to the Middle-East. Many of our senior staff have established and expanded important research collaborations in Europe, which will greatly benefit our future researchers and students. Our short course program has also expanded and teaching evaluations were extremely positive. Moving forward, we plan to offer the Aviation Medicine program in Singapore.

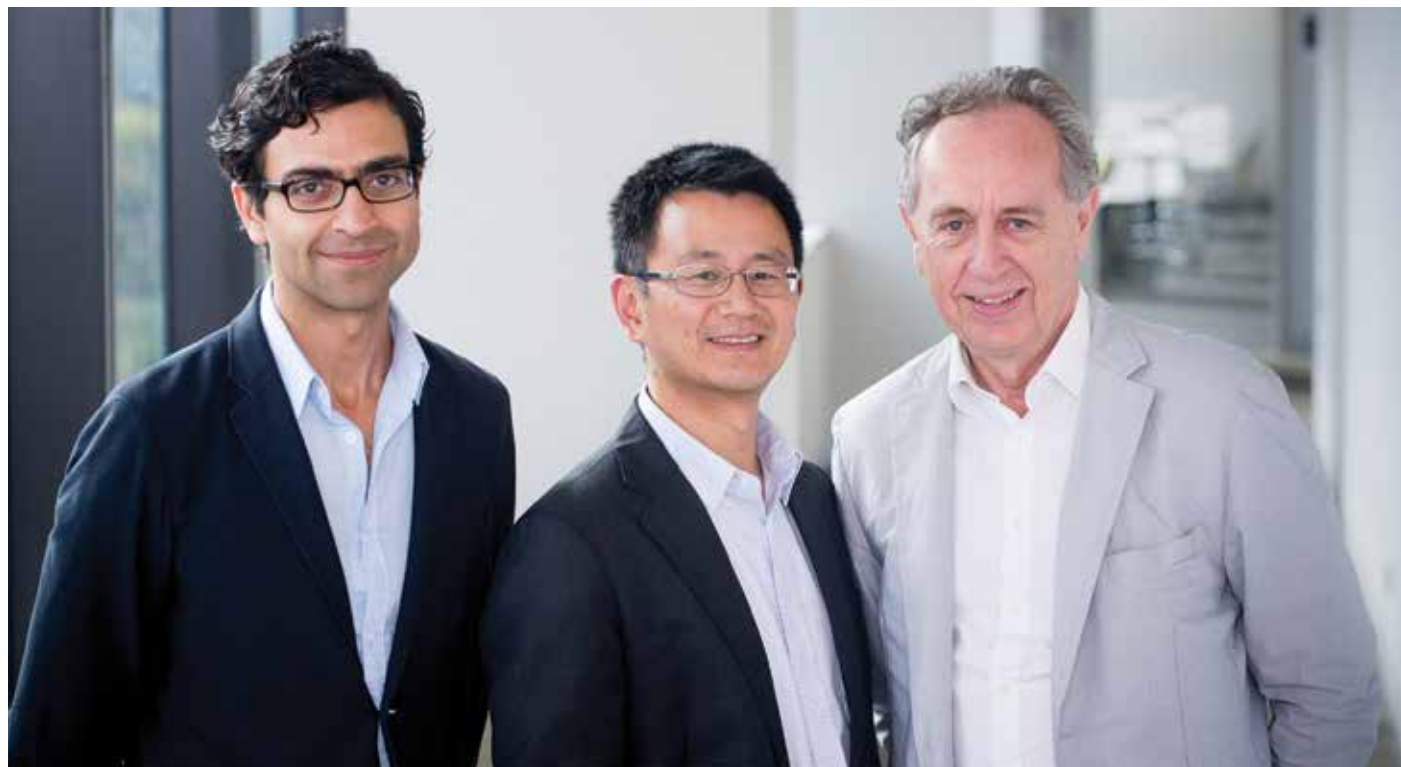
As our School continues to make real progress each year, I look forward to the ongoing success of the School of Public Health and Preventive Medicine.

Professor John McNeil AM
Head of School



Highlights for the year

The School of Public Health and Preventive Medicine's commitment to the Ebola crisis



From L to R: Associate Professor Manoj Gambhir, Associate Professor Allen Cheng, Professor Stephen Cordner.

The School of Public Health and Preventive Medicine is home to three top researchers who have all played important roles in the recent and devastating Ebola outbreak in West Africa. As of January 2015, the U.S. Centers for Disease Control and Prevention (CDC) estimated that there have been almost 22,100 cases, of which nearly 13,700 have been lab confirmed, with 8,800 deaths. This is the largest outbreak of Ebola in history and one that has captured the attention of people around the world with rational and irrational fears that the disease may spread in an uncontrollable manner.

Professor Stephen Cordner is a Forensic Pathologist who has recently been involved with the Red Cross in Liberia. With a career in Forensic Pathology, Professor Cordner is well acquainted with death but the conditions in which people have been dying in West Africa are such that disease has spread from the dead to the living on a large scale. Ebola victims have the heaviest viral load around the time of their death, and therefore, the dead constitute a reservoir to pass the disease on to grieving family members, healthcare professionals and burial workers. Professor Cordner was concerned to help those whose job it was to collect the dead.

Much depends on burial worker and health care professions who often become ostracised by their family and community for what they do. Professor Cordner was ensuring these workers were properly supported.

Associate Professor Allen Cheng, Infectious Diseases Physician and Director of the Infection Prevention and Healthcare Epidemiology Unit at Alfred Health has been working in the area of preparedness advice for Australia in the face of a potential Ebola outbreak. This ties in with Associate Professor Cheng's position with the executive of the Australasian Society for Infectious Diseases (ASID). Associate Professor Cheng has featured frequently in the media, with a prominent focus on issues surrounding infection control if Ebola were to reach Australian shores. These infection control issues have been brought to light with cases of Ebola occurring in the United States and parts of Europe allowing countries like Australia to learn from the way in which these countries dealt with the infected patients. As a member of Australia's Infection Prevention and Control Expert Advisory Group, Associate Professor Cheng has been working on guidelines to outline the process for how to deal with cases of Ebola if they were to arise in Australia.

Associate Professor Manoj Gambhir is a Mathematical Epidemiologist and Head of the Epidemiological Modelling Unit in the School of Public Health and Preventive Medicine. Associate Professor Gambhir's work focuses on modelling the likely population health impact and cost-effectiveness of control interventions in both communicable and non-communicable diseases. Associate Professor Gambhir has recently been working with the CDC Ebola Modelling Task Force in Atlanta where he and his fellow Task Force members have been calculating quantities such as 'R' (the reproduction number), which is the average number of people that each Ebola sufferer goes on to infect. It is through calculations such as these—along with the work of hundreds of others—that the Emergency Response leadership at CDC decides where doctors and healthcare workers from CDC, WHO and Medecins Sans Frontieres are deployed and these calculations also help with estimating the amount and type of medical supplies that are required in each district of the affected countries.

Hazelwood Coal Mine Fire Health Study



Investigators of the Hazelwood Health Study (L to R) – Professor Pamela Wood (Federation University), Associate Professor Darryl Maybery (School of Rural Health, Monash University), Dr Martine Dennekamp, Professor Michael Abramson, Professor Judi Walker (School of Rural Health, Monash University), Dr Matthew Carroll (School of Rural Health, Monash University) and Dr Phillip Thompson (interim project manager). In Absentia: Professor Malcolm Sim.

On 9 February 2014, the Hazelwood mine in Victoria's Latrobe Valley caught fire resulting in the nearby town of Morwell being covered in clouds of smoke and ash for a period of six weeks. In response to residents' concerns that exposure to the smoke may cause long-term health problems, the Victorian Department of Health commissioned a comprehensive health study to be undertaken via a tender process.

In November 2014 the School of Public Health and Preventive Medicine at Monash University was awarded the \$ 26.5 million Victorian Department of Health tender to conduct this study into the long term health effects of the Hazelwood open cut brown coal mine in Victoria's Latrobe Valley.

The Hazelwood Mine Fire Health Study led by the School of Public Health and Preventive Medicine will pay particular attention to susceptible sub-groups such as pregnant women, infants, children, the elderly, and those with pre-existing lung and heart disease. The study outcomes will assist researchers in understanding the evidence on which to base health advice for the future and contribute to the understanding of long term impact of short term events.

The Hazelwood Mine Fire Health Study will involve collaborations with researchers from Monash University's School of Rural Health, Federation University, the Menzies Research Institute (University of Tasmania), CSIRO and the University of Adelaide. The project will include the development of an advisory committee with representation from local community members, as well as relationships with local health professionals to ensure the study outcomes are communicated locally and taken up into policy and practice.

Principal Investigator Professor Michael Abramson, from The School of Public Health and Preventive Medicine, has said there are currently no published health studies conducted in relation to exposure of smoke from fires in open cut brown coal mines.

Professor Abramson said "The study will provide information on the potential health effects including respiratory and cardiovascular conditions, cancer, causes of death, child development and psychological outcomes as well as broader community health outcomes. It will also provide evidence on which to base health advice in future events."

ASPREE (ASpirin in Reducing Events in the Elderly) Highlights



ASPREE participants at a study update in Launceston – Launceston's was one of 19 study updates held in 2014.

ASPREE is Australia's largest clinical trial, that will determine whether healthy older people will benefit from taking daily low-dose aspirin to lead healthier, longer lives by preventing or delaying the onset of serious illness and debility.

The ASPREE clinical trial reached a number of significant milestones in 2014 as it strove towards the enrolment target. Highlights of the year include: Recruitment milestones, Regional and rural participation, Community outreach successes and Sub-study developments.

- **Recruitment Milestone:** The ASPREE study attained the recruitment target of 19,000 participants across Australia and the United States in November 2014: 16,700 participants are Australian. The international team has celebrated the milestone and now look forward to working with participants during the observation and consolidation phase, through until the end of 2017. The ASPREE study would not be possible without the support and dedication of the ASPREE team, GPs and the very generous and willing contribution from all participants.
- **Regional and Rural Participation:** ASPREE regional hubs exceeded recruitment milestones, including >6400 participants in Melbourne and greater Melbourne, >5200 in regional Victoria, >2100 in Tasmania, >1000 in Canberra, >500 in Wollongong and nearly 1250 participants in Adelaide. Almost 44 percent of Australian ASPREE participants represent regional and rural areas. ASPREE Clinical Trial Centres in Ballarat, Bendigo,

Geelong, Traralgon, Warrnambool, Wodonga, Burnie, Launceston and Wollongong helped drive regional community engagement in the trial.

- **Community Outreach:** More than 2150 GP co-investigators and 955 general medical practices are actively involved in the trial. This highly successful interaction between researchers and primary carers is invaluable for the study's success. Since recruitment began in 2010, ASPREE has distributed 600,000 invitations to participate (150,000 in 2014); most on behalf of GP co-investigators. The ASPREE team subsequently phone screened close to 83,000 people for eligibility to join the trial (25,000 in 2014). In the past year,

the administration team also placed >90,000 telephone calls to contact active participants.

- ASPREE held 19 study presentations in 2014 to provide progress updates to approximately 3000 ASPREE participants and guests. A further 25 community engagements reached 1200 interested older people in the community.
- Monash University also provided opportunities to interact with the wider research community, hosting a CSIRO funded symposium on aspirin and cancer prevention, attracting prominent international and Australian researchers.

<http://www.aspree.org>



Newly randomised ASPREE participants were invited to undertake hearing tests as part of the ASPREE-Hearing sub-study, to help determine the effect of aspirin on age-related hearing loss.

ARISE study finds that sepsis treatment in Australia and New Zealand is the best in the world

New research in 2014 from the School of Public Health and Preventive Medicine has found that patients with sepsis in Australia and New Zealand receive better treatment than in any other country.

The large-scale six-year study, led by the Australian and New Zealand Intensive Care Research Centre (ANZIC-RC) at School of Public Health and Preventive Medicine, divided 1600 patients into two groups who were admitted to emergency care with early stage sepsis from across more than 40 hospitals.

The first group of 796 patients received Early Goal Directed Therapy (EGDT), an aggressive treatment not currently used in Australia and New Zealand, which inserts a catheter into the jugular vein to monitor oxygen levels in the blood returning from the body to the heart.

The second group of 804 patients received the usual course of standard care given in Australia and New Zealand – a combination of rapid specialist-led care, powerful and immediate antibiotics and rapid resuscitation in either Emergency Departments or

Intensive Care Units.

Previous studies found mortality rates for sepsis were as high as 46 per cent, but were lowered to 30 per cent if EGDT was also used. Subsequently the therapy has been recommended globally and is endorsed by the Surviving Sepsis Campaign.

In contrast, the new study found that, in Australia and New Zealand, hospital mortality rates for both groups were close to 15 per cent – the lowest ever reported for this life threatening condition.

The study, published in the New England Journal of Medicine, sheds doubt on the reported effectiveness of EGDT because researchers found it did not make any noticeable difference to survival rates.

One of the lead researchers, Professor Rinaldo Bellomo said one of the reasons for the high survival rates could be due to Australia and New Zealand's healthcare systems.

"Australia and New Zealand have one of the longest and most scrutinised joint training programs in the world for doctors and nurses

working in emergency and intensive care. Intensive care units routinely have one highly trained specialist nurse for each patient to maximise level of care and minimise cross infection and healthcare professionals have a reputation for collaboration and team work," he said.

"We don't know if these factors are responsible for the high survival rates, our next step is to carry out further work to determine this," Professor Bellomo said.

Sepsis, a fast-moving bloodstream infection that kills millions of people globally every year, is caused by the immune system's response to serious infection. In extreme cases, the body begins to shut down resulting in heart, lung, kidney and other organ failure. To combat the infection early diagnosis and intensive care are critical.

The NHMRC-funded, Alfred Foundation-supported study led by Monash University involved researchers from every health care jurisdiction in Australia and New Zealand.



(L to R): Lead investigator for ARISE, Monash University Adjunct Associate Professor Sandra Peake and her colleague Monash University Adjunct Research Fellow Tricia Williams at the bedside of the first ARISE patient

Revolutionising menopause diagnosis



Professor Susan Davis

A free and simple toolkit for GPs could revolutionise menopause diagnosis and treatment. Created at Monash University, the world's first menopause toolkit is designed for GPs to use with women from the age of 40. Thought to be the first of its kind, researchers say the toolkit has the potential to help manage menopausal conditions for women globally.

Led by Professor Susan Davis, the Women's Health Research team from the School of Public Health and Preventive Medicine combined existing research on menopause, diagnostic algorithms and extensive clinical experience to develop the diagnostic tool. Designed for use in a GP surgery, it also works through a patient's medical history and risk factors to arrive at the best treatment solution.

Professor Davis said the toolkit fills the void of clear guidelines on menopause diagnosis and management, equipping doctors with the fundamentals to care for any woman who walks through the door. "There are many detailed guidelines available on menopause but the reality is that most GPs don't have the time to work through a 40 page report when they only have 5 or 10 minutes with a patient," Professor Davis said. "Based on feedback from patients and doctors we realised there's widespread confusion, not only in how to determine when menopause starts but also prescribing appropriate treatment to help with symptoms.

"With many recent medical graduates receiving little training in this area, we realised there was a clear need for simple and practical guidelines," she said.

Menopause, also known as 'the change of life', marks the end of the monthly cycle of menstruation and reproductive years in a woman's life. Most women reach menopause between the ages of 45 and 55. Professor Susan Davis said due to hormonal changes, menopausal symptoms, which include hot flushes, anxiety and depression and joint pain, vary widely from none at all to debilitating, making a straightforward diagnosis difficult.

"Half the world's population will experience menopause as some point in their lives, yet there isn't a commonly used diagnostic tool and that's creating confusion amongst women and doctors," Professor Davis said. "Many people think the menopause is the same for every woman but the reality is quite different. Every woman has her own individual experience of menopause and that sometimes makes it tricky to diagnose," she said.

The free resource includes a flow chart of standardised questions for doctors to ask, and assess women who are potentially experiencing menopause. The kit also flags safety concerns, provides a list of all hormone therapies approved by regulators in different countries and lists non-hormonal therapies that have evidence to support their use.

Professor Davis said the toolkit would also help inform GPs and patients on the benefits and risks of menopausal treatment. "Menopausal hormone therapy is often prescribed, but its success varies according to symptom type and severity, personal circumstances and medical background. "This toolkit has the potential to change that because it's designed to work just as well for a 41 year old woman in Madras as it will for the 48 year old in Manhattan," said Professor Davis.

The International Menopause Society (IMS) is promoting the use of the toolkit throughout the world, stating that it is the first to present structured practical advice. IMS President, Rod Baber said the toolkit builds on formal guidelines on menopause. "This will ensure that each individual woman is well informed about what happens to her as she ages, about what options for treatment and monitoring are available and lastly what menopausal hormone therapy options are," said Rod Baber.

General Practitioner Dr Jane Elliott said the toolkit was clear and accessible, making it ideal to use for GP consultations. "The flow-chart should be on the computer desk top of all GP's. This will go a long way towards helping busy GPs feel that managing menopause is no longer in the 'too hard basket' and women will benefit as a result," Dr Elliot said.

Leading Endocrinologist and President of the Australasian Menopause Society, Dr Anna Fenton welcomed the introduction of the toolkit, recommending widespread use amongst health practitioners.

"In an area fraught with myths and misinformation, this toolkit provides concise and accurate information. The key messages are clear and the advice is practical and evidence-based. Many women are confused and uncertain about how best to deal with the menopause. Doctors can also face uncertainty in how best to treat and support patients with menopausal symptoms. This toolkit has the potential to change that," Dr Fenton said.

The Practitioner Toolkit for the Managing the Menopause is available to download for free from Climacteric and the algorithm is available at <http://womenshealth.med.monash.edu.au>.

25 Year Service Award

The Deputy Head of the School of Public Health and Preventive Medicine, Professor Michael Abramson, and Director of the Monash Centre for Occupational and Environmental Health, Professor Malcolm Sim both celebrated their 25th year at Monash University in July. Professor Abramson and Professor Sim were each awarded a 25 Year Service Award to recognise their ongoing dedication to their work at Monash University.

Professor Abramson's current research program covers the epidemiology of asthma and chronic obstructive pulmonary disease, including genetic and environmental risk factors such as air pollution and occupation, and the role of spirometry in managing these conditions. Professor Abramson's work has been supported by the National Health & Medical Research Council, Department of Human Services, Victorian Health Promotion Foundation, Australian Lung Foundation and Asthma Victoria. Professor Abramson provides epidemiological expertise to the Australian Centre for Radiofrequency Bioeffects Research. Professor Abramson is also the lead investigator for the new \$26.5

million dollar Victorian State Government funded Hazelwood Coal Mine Fire Health Study which will investigate the long term health effects of exposure to smoke from the Hazelwood open cut brown coal mine in Victoria's Latrobe Valley.

Professor Sim is an occupational physician and epidemiologist who leads a team of 25 research and teaching staff at the Monash Centre for Occupational and Environmental Health (MonCOEH). Professor Sim's main research interests include the risks of chronic diseases from occupational and environmental exposures, occupational disease surveillance, veterans' health, cohort studies of working populations and exposure assessment. Professor Sim is the Principal Investigator for an NHMRC Public Health Capacity Building Grant aiming to build capacity in workplace public health and a NHMRC-EU grant investigating mobile phone exposure and brain tumours in young people (Mobi-kids study). Professor Sim is a co-investigator on several other NHMRC and Australian Research Council (ARC) grants and other national and international



collaborative studies. Professor Sim was also the Australian lead in a collaborative project with the National Institute for Occupational Health and Poison Control in China to improve China's occupational disease surveillance. In recognition of his extensive national and international activities, Professor Sim was awarded the Dean's Award for Excellence in External Engagement in 2013.

VIFM Welcomes New Director

Renowned forensic pathologist Professor Noel Woodford was announced as the new director of the Victorian Institute of Forensic Medicine (VIFM) this year. Professor Woodford takes over from Professor Stephen Cordner who established the institute and has been its director since its commencement in 1987.

Professor Woodford graduated with a MBBS from the University of Melbourne in 1987. Professor Woodford also has a master of Laws (with distinction) from the University of Cardiff and is a fellow the Royal College of Pathologists in both the UK and Australia.

At the announcement of his appointment Professor Woodford said he was honoured to be the Institute's second director. "I'm extremely honoured and not a little nervous, but I want to assure everyone that I will work to ensure that the Institute not only prospers but retains its well-deserved and hard won reputation for quality, integrity and excellence."

"Over the 27 years of its existence VIFM has grown from a niche/family operation of less than 50 to a complex organisation of more than 200 people with links to multiple individuals and entities," he said.

"We are in a privileged position. In the proper discharge of our responsibilities, we have a trust invested in us, something that we can never take for granted – and be at constant pains to protect."

VIFM is a statutory authority which operates under the support of the Department of Justice, reporting to Parliament through the Attorney-General. Today it is Victoria's statutory provider of forensic pathology and related scientific services, clinical forensic medicine and tissue banking.

VIFM helps to provide the justice system with evidence to ensure safe convictions and appropriate acquittals. Its doctors also help investigate deaths reported to the Coroner, examine alleged offenders and assess, treat and support victims of crime.



Professor Noel Woodford

MCHRI Launch

The Monash Centre for Health Research and Implementation (MCHRI) was officially launched by Ms Shelly Park, Professor Christina Mitchell and Professor Helena Teede on 28 May 2014, at Monash Medical Centre. The event was attended by 70 invited friends and guests.

Speaking at this occasion Ms Shelly Park, Professor Christina Mitchell and Professor Helena Teede all reinforced the strong commitment by Monash Health and Monash University toward ongoing medical, clinical and translational research, across all clinical disciplines, for the improvement of health and wellbeing of our communities.

The launch of MCHRI acknowledges the key partnership between Monash Health and Monash University and acknowledges MCHRI as a unique, non-disease, non-discipline specific 'implementation laboratory' focused on delivering improved health outcomes.

Located at Monash Health within the Monash Health Translation Precinct, MCHRI aims to create, synthesise, implement and translate clinical, health services and public health knowledge, underpinned by cross sector end user engagement, to deliver propitious health impact.



MCHRI has three core programs supporting Monash Health and Monash University staff:

1. Monash Health clinical services and public health research, translation and implementation program.
2. An interdisciplinary methodological platform for the continued support and strengthening of clinical research, implementation and translation.
3. A capacity building, clinical research, implementation and translation training program.

MCHRI harnesses the expertise across a range of clinical disciplines and research themes within the Advanced Health Sciences

Centre (including Monash Health and Alfred Health), University Faculties, Independent Institutes, NGOs and community groups. MCHRI has built key partnerships with the Institute of Health Care Improvement in the US and Warwick University and has attracted the largest ever NHMRC project grant and a National Centre of Research Excellence.

MCHRI actively engages with multiple sectors including academic organisations, government and with patients and communities to bring a breadth of expertise and perspectives to address challenges in health, to drive innovation and to deliver improved patient experience and health outcomes.

Cochrane launches branches in Malaysia and Japan

At the beginning of 2014, Cochrane launched its 'Strategy to 2020', following a collaborative process involving Cochrane's global network of contributors. Cochrane's reputation for producing high quality, credible information remains paramount, but for the first time, the new strategy has global advocacy for evidence-informed health care as one of its key pillars. The international activities that the Australasian Cochrane Centre supports complements this goal of the Strategy to 2020.

The Australasian Cochrane Centre's geographical remit covers East Asia and South East Asia. This year we established formal networks in Japan and Malaysia, adding to existing Cochrane networks in Korea, New Zealand, Singapore and Thailand.

The Malaysian Cochrane Network launch in May in Kuala Lumpur coincided with the first meeting of representatives from the Australasian Cochrane Centre's regional networks and was attended by Cochrane's CEO.

The Malaysian Network was the culmination of a concerted effort over many years, particularly by its convenor, Professor Jacqueline Ho from Penang Medical College, who strived for over 10 years to put Cochrane on the map in Malaysia. The Australasian Cochrane Centre has been involved in supporting training initiatives, mentoring authors and establishing links with the Ministry of Health. To date, more than 200 clinicians and researchers in Malaysia have produced 80 Cochrane Reviews.

In the same week, the Japan Cochrane Branch, based at the National Centre for Child Health and Development in Tokyo, was also launched. Cochrane activities in Japan stretch back over 15 years, especially in the area of translation of Cochrane abstracts, but it's not until recently that getting involved in Cochrane Reviews has begun to take off. There are now over 170 authors who have produced over 70 Cochrane Reviews.

Cochrane has always enjoyed a high profile in Australasia and it's pleasing for us that our long-time colleagues across Asia are beginning to see similar recognition for what Cochrane has to offer in their own countries. With the resources of Cochrane centrally, translating Cochrane content is a high priority for our own region in the years to come.



Infrastructure



Data Management

The Clinical Informatics and Data Management Unit (CIDMU) was established in 2003 to:

- manage large clinical datasets; and
- develop web based and desk top applications for the collection and management of clinical information.

Commencing with a single full-time database manager in 2003, the Unit has grown over the past 11 years and now employs 36 highly trained software development, database analysts.

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; and
- 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, as well as 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) and the Road Traffic Authority (Live-tribe, P Drivers Project).

Clinical Registries

SPHPM 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 health services 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 percent 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 Health care 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.

Clinical 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.

In 2014 the SPHPM put together a registry science handbook which is now accessible at <http://www.med.monash.edu.au/epidemiology/units-centres/registries/index.html>

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 Resuscitation Outcomes Consortium (Aus-ROC)
- Australian Rheumatology Association Database (ARAD)*
- Burns Registry of Australia and New Zealand (BRANZ)*

- Breast Device Registry*
- Massive Transfusion Registry
- Melbourne Interventional Group (MIG) Registry
- Victorian Prostate Cancer Registry*
- REACH Registry
- Surveillance of Australian workplace based respiratory events (SABRE)
- Thrombotic Thrombocytopenic Purpura (TTP) Registry
- Victorian Lung Cancer Registry*
- Victorian State Trauma Registry (VSTR)*
- Victorian Orthopaedic Trauma Outcomes Registry (VOTOR)*
- Bariatric Registry
- Victorian Cardiac Outcomes Registry (VCOR)*
- Myeloma and Related Diseases Registry (MRDR)
- Neonatal Alloimmune Thrombocytopenia (NAIT)
- Venous Thromboembolism cohort study (VTE)
- Registry of Kidney Diseases (ROKD)
- Haemoglobinopathies Registry (HbR)
- Aplastic Anaemia Registry (AAR)

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 often depends on statistical methods, in the design of experiments or surveys, in the analysis of quantitative data and the interpretation of results. We provide statistical support to doctoral students across Monash University, academic staff in the Faculty of Medicine, Nursing and Health Sciences, researchers located at the Alfred Hospital, other health researchers, based at Monash-affiliated hospitals and external health service groups.



ASPIrin in Reducing Events in the Elderly (ASPREE)

Australia's largest clinical trial will determine whether healthy older people should or should not take aspirin to prevent or delay cardiovascular disease (heart attack and stroke), dementia, depression and some types of cancers. This year, ASPREE (ASPIrin in Reducing Events in the Elderly), a randomised, double-blind placebo controlled trial, reached its recruitment target of 19,000 participants in Australia and the United States (16,700 in Australia).

Led by Monash University and the Berman Center for Outcomes and Clinical Research in the United States, the ASPREE trial will measure years of extended living, free from physical and cognitive disability, to determine the benefits versus the risks of daily low-dose aspirin.

In Australia, ASPREE is primarily conducted through general practices in the south-eastern states and territory. Participants, who are currently between 70–98 years of age, are randomly allocated to take daily 100mg aspirin or a matching placebo tablet. They will undergo annual clinical evaluation, cognitive assessment and measures of depression, quality of life, physical strength and functional independence, until late 2017.

If the benefits of aspirin for primary prevention are proven to outweigh the risks, thousands of healthy older people around the world will be advised to take the drug; if aspirin is proven not to be of benefit, thousands will be saved from taking an unnecessary medication.

Ancillary studies will determine the effect of aspirin on age-related macular degeneration, cancer, bone fractures, osteoarthritis, severe infection, sleep apnoea, age-related hearing loss, and microvascular changes in the brain.

Australia's first Healthy Ageing Biobank, a repository of blood samples from almost 12,000 ASPREE participants, will help researchers identify blood-borne predictors of disease, such as Alzheimer's, or even good health. Samples will be stored in a purpose-built Biorepository at Monash University.

The ASPREE Longitudinal Study of Older Persons (ALSOP) complements the principal ASPREE trial. A series of questionnaires will help identify factors that influence health, independence and quality of life in later years, such as dental health, access to medical services, and social connectedness. Nearly 90% of all ASPREE participants in Australia are responding to these questionnaires.

Results of the ASPREE study should be available in 2018.



ASPREE staff member Jewhara Suleiman prepares an ASPREE participant for retinal photography aboard one of the mobile retinal imaging vehicles.

Awards

Professor John Zalcberg's Contribution to Cancer Care Recognised

Professor John Zalcberg was awarded the 2014 Tom Reeve Award for Outstanding Contributions to Cancer Care and was presented with a Gold Marryalyan at the Clinical Oncology Society of Australia (COSA) Annual Scientific Meeting (ASM) conference dinner in December 2014.

The Tom Reeve Award, offered by COSA, formally recognises a national leader and resident in Australia who has made a significant contribution over a relatively long period towards cancer care through research, clinical leadership and/or community service.

Professor Zalcberg was the Director, Division of Cancer Medicine, at the Peter MacCallum Cancer Centre in Melbourne, for 17 years prior to recently taking up the position of Professor of Cancer Research in the School of Public Health and Preventive Medicine.

Professor Zalcberg's clinical research interests include gastrointestinal cancer and health care outcomes. He has published more than 230 articles in peer-reviewed journals. He was a Principal Investigator for the EORTC advanced GIST trial in Australia and continues an active involvement in trials in this disease as well as other GI cancers. He continues an active clinical practice in GI cancer.



Professor John Zalcberg

Council of Academic Public Health Institutions Australia (CAPHIA) 2014 Award for Excellence and Innovation in Public Health Teaching

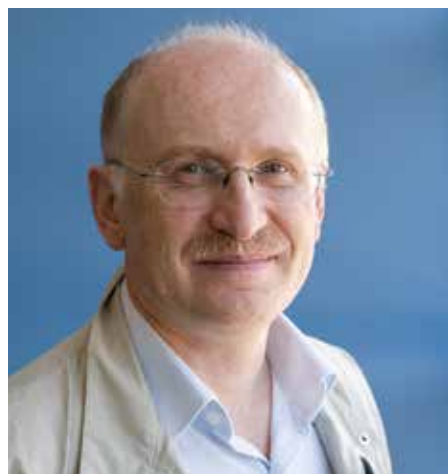
Congratulations to Dr Basia Diug for receiving the CAPHIA 2014 Award for Excellence and Innovation in Public Health Teaching. Dr Basia Diug was unanimously recommended by the selection panel for the Excellence and Innovation in Public Health Teaching award. She received this award when attending the CAPHIA Teaching and Learning Forum themed Teaching for the 21st Century Public Health Workforce on the 18–19th of September 2014 in Perth.

In addition, Dr Diug presented her work called "Evaluating the use of social media to increase engagement in public health unit" which was very well received. All activities by the staff from the Medical Education and research Quality Unit can be followed on twitter @MERQMU.



Dr Basia Diug

Professor Rinaldo Bellomo Named one of the World's Most Influential Scientific Minds



Professor Rinaldo Bellomo

Professor Rinaldo Bellomo, Director of Intensive Care Research at Austin Health and Co-Director of the Australian and New Zealand Intensive Care Research Centre (ANZIC-RC) was named one of the world's most influential scientific minds by Thomson Reuters this year.

Professor Bellomo was among only seven clinical researchers from Australia to earn the title.

Reuters based the report on two metrics. The first was an annual study identifying researchers who had recently published a minimum of 15 papers with high levels of citations. The second included researchers whose publications ranked among the top 1 percent most cited for their subject field and year of publication, between 2002 and 2012.

Professor Bellomo has published more than 900 papers, written more than 152 book chapters and edited 13 books in the field of intensive care medicine. As of August 2014, he had total lifetime citations of more than 30,000 and his yearly citation rate over the past 5 years was more than 2,500. He is also the editor of the journal Critical Care and Resuscitation.

Professor Bellomo has been Chief Investigator in many successful grant applications. Over the past 10 years he has been heavily involved in the design, execution, supervision and publication of several large randomised controlled trials published in the Lancet and the New England Journal of Medicine (NEJM).

Associate Professor Allen Cheng receives highest ranked NHMRC application for 2013

Associate Professor Allen Cheng was awarded an NHMRC excellence award for the top ranked career development fellowship (level 2) application for 2013.

The aim of Allen's career development fellowship is to prevent and treat significant infections in the community and in hospitals, focusing on influenza, hospital-acquired infections and use of antibiotics, and clinical infectious diseases.

Associate Professor Cheng is a foundation member and current co-chair of the Guidelines Committee for the Australian Society for Infectious Diseases (ASID); he was the primary author for national guidelines for H1N1/09 influenza and Clostridium difficile infection; a foundation member of the Clinical Research Network of ASID; a steering committee member for the National Prescribing Service Antibiotic Resistance initiative; and a member of expert writing groups for Therapeutic Guidelines: Antibiotic and Respiratory.

He is also a member of the Advisory Committee on Prescription Medicines (advising the Therapeutic Goods Administration on drug regulation issues), ASID representative to the Communicable Diseases Network of Australia (a subcommittee of the Australian Health Protection Committee) and a member of the Influenza Surveillance Systems Working Group, the National Communicable Diseases Framework writing group and the Clostridium difficile working group (all working groups of CDNA).

His work has been recognised with a Victorian Public Healthcare Award (Healthcare Innovation) for work with the Antimicrobial Stewardship Team, Alfred Health (2013). He was also the recipient of the Frank Fenner Award for Advanced Research in Infectious Diseases (ASID, 2012). Associate Professor Cheng has also been a technical advisor to the World Health Organisation, resulting in drafting of international guidelines for management of sepsis and for severe H1N1/09 infection.



Associate Professor Allen Cheng

The following staff members won awards in 2014

Dr Carol Hodgson

2014 Monash University Advancing Women's Research Success Grant

Awarded Senior Medical Staff Prize for Clinical/Public Health Research for poster entitled 'Therapeutic predictors of 12-month outcomes in major trauma patients admitted to ICU and mechanically ventilated'

Dr Helen Kelsall

Australasian Military Medicine Association (AMMA) Patron's Prize awarded at the AMMA Annual Scientific Conference. The AMMA Patron's Prize is awarded by the Association's Patron, Air Vice Marshal, Dr Hugh Bartholomeusz, Surgeon General Defence Force Reserves, for the best paper written by a Member of the Association published in a peer review journal during each financial year

Dr Helen Ackland

Faculty of Medicine, Nursing and Health Sciences Early Career Researcher Publication Prize for Clinical Sciences

Dr Gemma Crighton

Awarded the ANZSBT prize for Best Presentation in the Presidential Symposium of the Haematology Association of Australia's annual conference in Perth

Professor Jamie Cooper

Award for outstanding contribution to the development of the Australian and New Zealand Intensive Care Society's Clinical Trials Group (CTG), Leadership Award in the Executive Not-For-Profit Category to recognise outstanding leaders from the not-for-profit, state government and local government

Dr David Newman

2014 John Paul Stapp Award from the Aerospace Medical Association

Dr Janet Bray

2014 Advancing Women's Research Success Grant

Awarded an International Mentoring Travel Grant from the American Heart Association to attend the AHA Scientific Sessions 2014, November 15–19 in Chicago, IL

Dr Lahn Straney

Best paper award for at the ANZICS/ACCCN Annual Scientific Meeting on Intensive Care 2014 (incorporating the annual Paediatric and Neonatal Intensive Care Conference)

Professor David Goddard

Inaugural University Poetry Competition

The topic of the competition was "Teaching as a human experience", David submitted two poems titled: "Standard Error" and "Boring!"

Dr Ingrid Hopper, Dr Baki Billah, Marina Skiba and Prof Henry Krum

European Journal of Preventive Cardiology Highly Cited Paper Award

Prevention of diabetes and reduction in major cardiovascular events in studies of subjects with prediabetes: meta-analysis of randomised controlled clinical trials. European Journal of Cardiovascular Prevention & Rehabilitation December 2011

Professor John Zalcberg

2014 Tom Reeve Award for Outstanding Contributions to Cancer Care

The Tom Reeve Award, offered by Clinical Oncology Society of Australia (COSA), formally recognises a national leader and resident in Australia who has made a significant contribution over a relatively long period towards cancer care through research, clinical leadership and/or community service

Karin Hammarberg

Faculty ECR Publication Prize for Public Health Research

'Knowledge about factors that influence fertility among Australians of reproductive age: a population based survey' published in Fertility and Sterility in 2013

Penny Robinson, The I Can Network and Monash Autistic Collective (MAC)

Monash University Vice-Chancellor's Social Inclusion Awards

The award was presented by the departing Vice-Chancellor Prof Ed Bryne at a luncheon on 28 August.

Dr Luke Rodda

Full Travel Award from the Victorian Branch of the Australian and New Zealand Forensic Science Society

Susie Cartledge

International Mentoring Travel Grant from the American Heart Association (AHA) to attend the AHA Scientific Sessions in Chicago

Gemma Crighton

ANZSBT prize for best presentation in the Presidential Symposium

School Awards Night

The 2014 School Awards Night, held on the 27th of November recognised and rewarded outstanding achievements and accomplishments within SPHPM. The evening included a keynote by Professor Peter Michael Brooks, Director of Research at Northern Health. Congratulations to all the winners of the 2014 SPHPM Awards Night!



The Award categories were:

Award for Excellence – Early Career Researcher – Awarded to Dr Carol Hodgson



Award for Best Paper – Early Career Researcher – Awarded to Ms Penny Robinson & Dr Thach Tran



Award for Excellence – Mid Career Researcher – Awarded to Dr Sophia Zoungas



Award for Best Paper – Mid Career Researcher – Awarded to Dr Helen Kelsall



Award for Excellence – PHD Thesis – Awarded to Dr Danny Hills (*In absentia*), Dr Jocasta Ball (left), Dr Danielle Horyniak (right)



Nancy Millis Medal for DPH Thesis and Coursework Excellence – Awarded to Dr Claire Tobin



Award for Excellence – Best Publication – Awarded to Dr Joe Doyle



Award for Excellence – Research and Teaching Support – Awarded to Ms Amanda Martin



Award for Excellence – Tutoring – Awarded to Ms Jessica Harding



Award for Outstanding Contribution to the Doctoral Program – Awarded to Dr Rosanne Freak-Poli (*In absentia*)

Award for Excellence – Teaching – Awarded to Dr Darshini Ayton



Award for Excellence – HDR Supervision – Awarded to Dr Mark Stooze



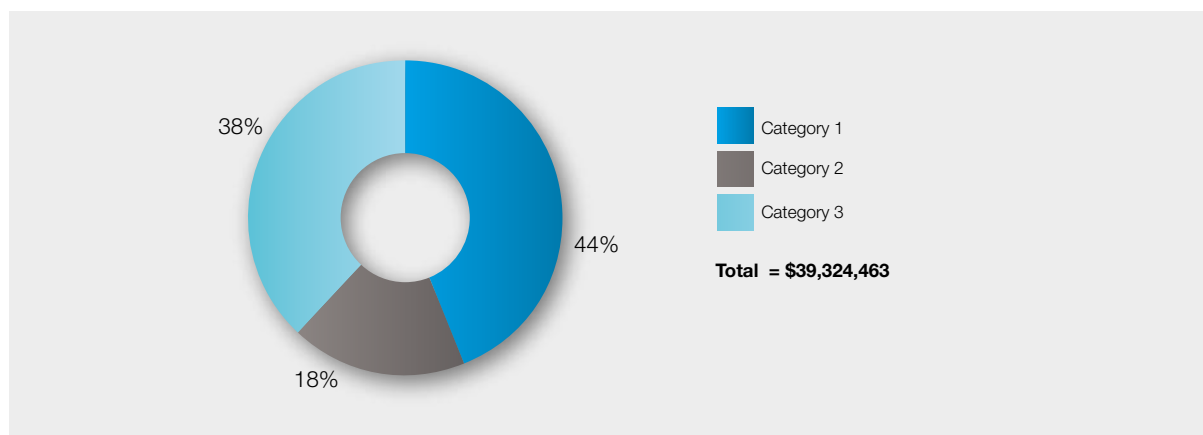
Award for 2014 MED5091/5092 International Health Essay Prize – Awarded to Ms Lily Poulier



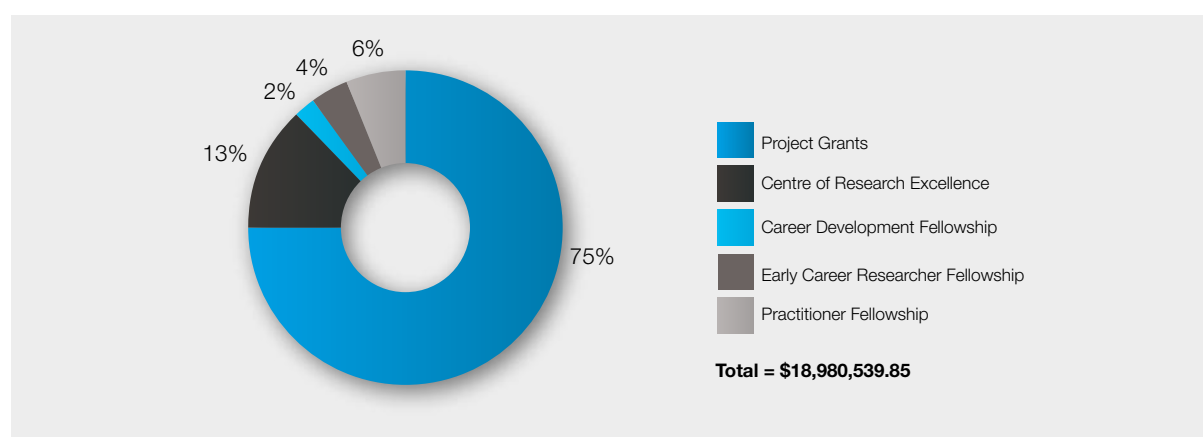
Research – 2014 At a Glance

Research Funding 2014

The full publications with grants list can be found in Appendix 1

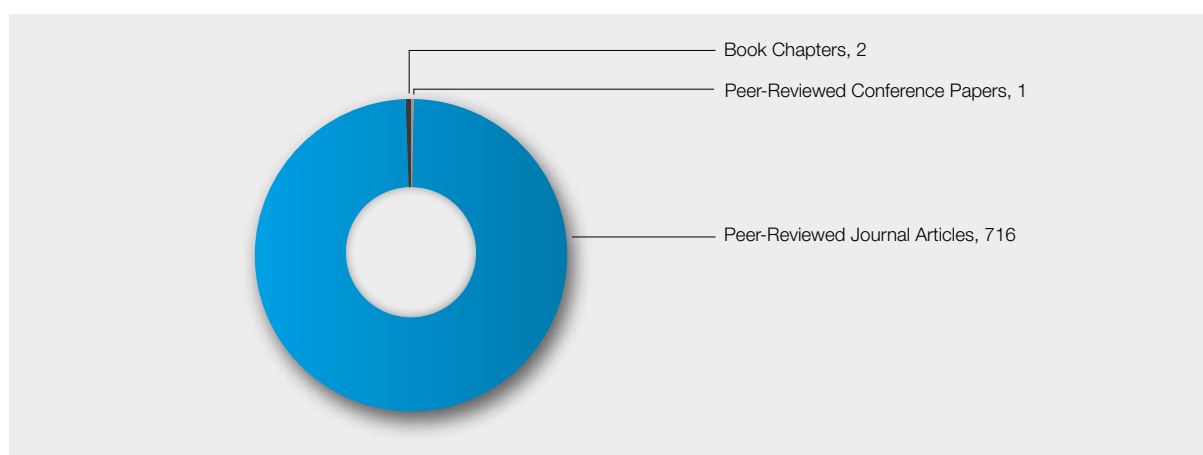


New NHMRC Funding from applications submitted in 2014



Publications 2014

The full publication list can be found in Appendix 2



Higher Degrees, Postgraduate and Undergraduate Research Training

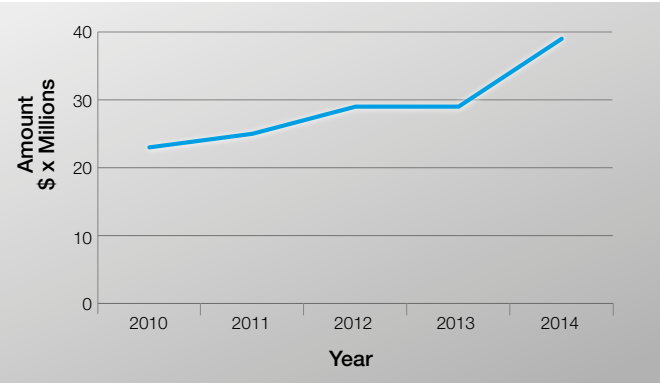
158 PhD students with 19 completions

566 Postgraduate Course Enrolments of which 256 were in the Master of Public Health

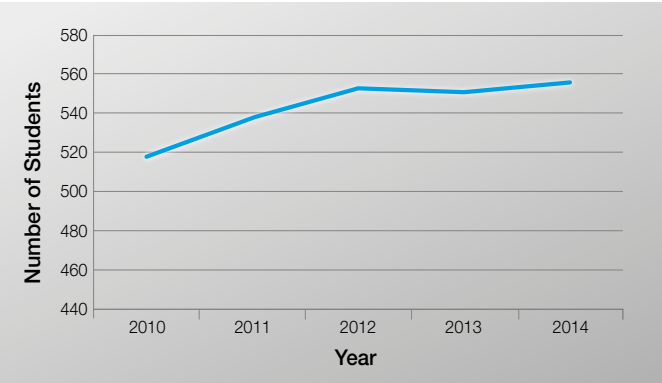
31 Honours Completions

Research – Year by Year

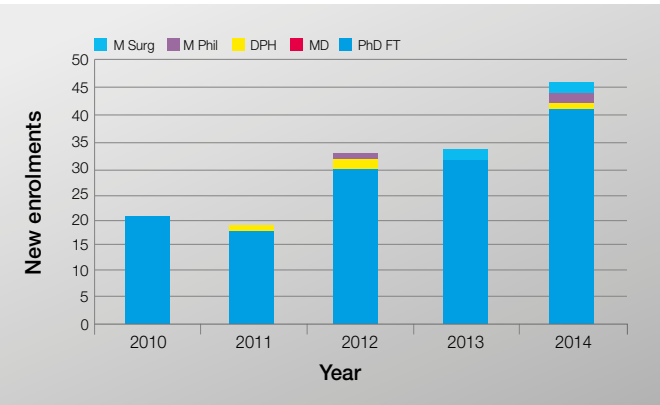
Research Funding Year by Year



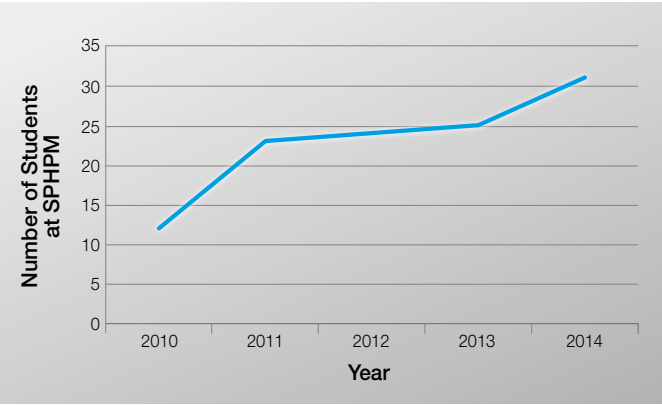
Postgraduate Course Enrolments



Higher Degrees Research Enrolments



Honours Students at SPHPM



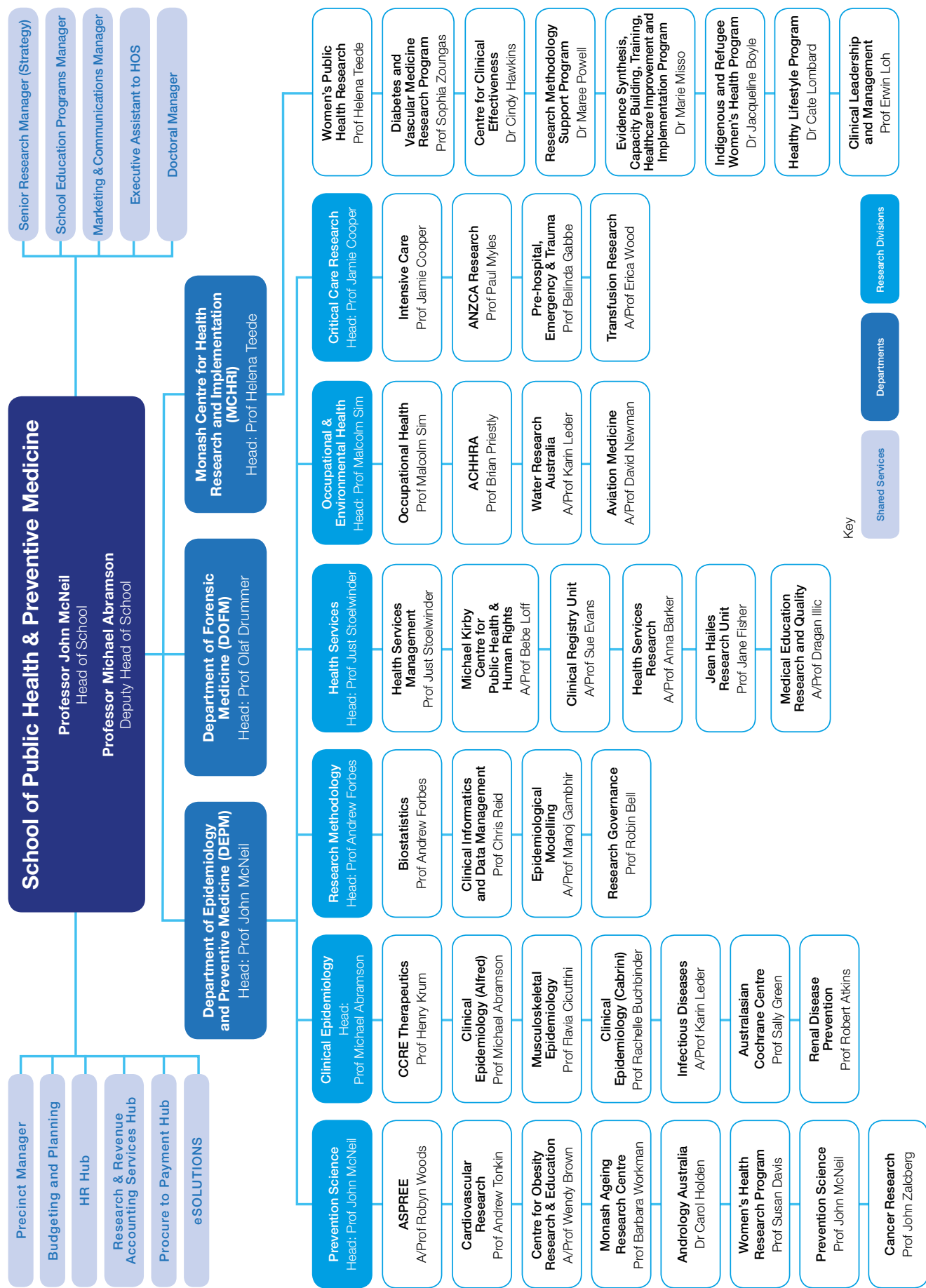
(MSur: Master of Surgery, MPhil: Master of Philosophy, DPH: Doctor of Public Health, PhD: Doctor of Philosophy Full-time)

School Executive



From L to R: Professor Jamie Cooper, Professor Helena Teede, Professor Michael Abramson, Professor John McNeil, Mr Gavin Horrigan, Professor Olaf Drummer, Professor Andrew Forbes . In Absentia Professor Just Stoelwinder, Prof Malcolm Sim

Organisational Structure



Units



Our research falls within the following departments:

- Department of Epidemiology and Preventive Medicine (DEPM)
- Department of Forensic Medicine (DoFM)
- Monash Centre for Health Research and Implementation (MCHRI)



Department of Epidemiology and Preventive Medicine

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



Prevention Science

- ASPREE
- Cardiovascular Research
- Centre for Obesity Research and Education (CORE)
- Monash Ageing Research Centre
- Andrology Australia
- Women's Health Research Program
- Prevention Science
- Cancer Research
- Australian Clinical Trials Alliance



Associate Professor Robyn Woods

The ASPREE Healthy Ageing Biobank

The Healthy Ageing Biobank is a unique biological collection from ASPREE (ASpirin in Reducing Events in the Elderly) clinical trial participants.

- The ASPREE Healthy Ageing Biobank team has obtained and processed blood samples from 11,900 participants. A total of 4500 new baseline samples were banked in 2014. Encouragingly, a repeat Biobank collection from participants after their third year in the study has been welcomed by the participants. This will provide an outstanding resource for tracking the way these samples reflect parallel health changes over time.
- The ASPREE Healthy Ageing mobile laboratories enable older people in regional and rural areas to participate in ASPREE and ancillary studies. The vehicles have travelled a combined distance of approximately 200,000 km to support isolated or remote participants and improve convenience for people from a wide range of communities to engage with key research.
- A new mobile laboratories vehicle was commissioned during 2014 to foster regional research participation. This new vehicle will benefit both the ASPREE principal study and the ancillary studies.

It carries a retinal camera and audiometry equipment and supports blood collections in the field. The Biobank team conducted 2500 new baseline retinal photographs and 277 follow-up year three retinal photographs for the ASPREE-AMD (aspirin and age-related macular degeneration) sub-study. The ASPREE-AMD study is hoping to include 5500 participants by early 2015.

- Construction commenced on the new ASPREE Biorepository facility for long-term storage of ASPREE Biobank's biospecimens at the Alfred Hospital Campus. The opening of the new facility is eagerly anticipated in 2015.



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 2014 included:

NHMRC Centres for Research Excellence:

- Australian Resuscitation Outcomes Consortium (AUS-ROC).
- Centre for Clinical Research Excellence in Therapeutics (CCRE).
- National Centre of Research Excellence for Peripheral Arterial Disease (NCRE-PAD).

Research projects:

- Aspirin in Reducing Events in the Elderly (ASPREE) study, a large-scale, placebo controlled clinical trial studying the effect of aspirin on healthy lifespan, and in its related substudies.
- Does statin use have a disease modifying effect in symptomatic knee osteoarthritis? A multicentre randomised, double-blind, placebo-controlled trial.

- Examining GWAS-identified loci of interest in predicting coronary events in subjects with known coronary heart disease: The LIPID genetic study.
- Metabolomic insights into 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/cardiore/





Associate Professor Wendy Brown

The Centre for Obesity Research and Education (CORE)

Associate Professor Wendy Brown (Director)

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.

CORE is unique in applying a multidisciplinary approach to the study of obesity. 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/>



Professor Barbara Workman

Monash Ageing Research Centre (MONARC)

Professor Barbara Workman (Director)

MONARC is based at the Kingston Centre, a stand-alone sub-acute facility based in Cheltenham (Victoria) which provides Geriatric Evaluation and Management, Aged Persons Mental Health, and Rehabilitation.

MONARC has three divisions:

- Academic Unit of Geriatric Medicine (AUGM)
- Aged Mental Health Research Unit (AMHRU)
- 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 aims to improve the quality of care and address gaps in health service delivery for people with diseases associated with ageing and neurological disorders via the conduct of high quality clinician-led research, which is focussed on the rapid transfer of research findings into clinical management.

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





Dr Carol Holden

Andrology Australia

Dr Carol Holden (CEO)

As it has done for the past 14 years, Andrology Australia continues to support men, their families and carers when seeking help for reproductive health disorders through knowledge translation, health communication and education activities.

The unique collaborative approach adopted by Andrology Australia continues to extend its outreach across Australia. Men's health clinical and patient resources are increasingly popular with more than 14,000 individuals and organisations receiving the Andrology Australia newsletter, *The Healthy Male*, and more than 290,000 consumer guides distributed on male reproductive health conditions such as erectile dysfunction and prostate disease distributed to date. Ongoing evaluation ensures that education and health promotion resources address identified gaps and areas of education need, particularly for more disadvantaged groups of males.

An ongoing priority for Andrology Australia is raising the medical workforce capability in men's health. A Men's Health Medical Curriculum Framework was completed in 2014, under the guidance of an international Working Group comprising representatives of the University of Adelaide, the University of Tasmania, the University of Western Australia, and Monash University. The next project phase is to pilot test the framework implementation through enhancement of the medical school curricula of these universities.

During its first full year in SPHPM (having transferred into the School in late 2013), Andrology Australia is expanding its collaborative links within the School. The outcomes from research programs developed through these collaborations will enhance the men's health evidence-base and knowledge gained will be directly applied to future interventions and education programs.

Andrology Australia is funded by the Australian Government Department of Health.

For more information about Andrology Australia, please visit

www.andrologyaustralia.org



(L to R) Tasmanian Minister of Health, Mr Michael Ferguson MP and Director of Andrology Australia, Professor Robert McLachlan, at the opening of Andrology Australia's 2014 Advisory Forum "Health for the modern man", held in Launceston 13–15 June



Professor Susan Davis

Women's Health Research Program

Professor Susan Davis (Director)

The Women's Health Research Program leads Australia in research into the menopause and other major health issues that affect women at midlife. Internationally, this group is considered to have undertaken ground-breaking research into testosterone in women, with many of their research findings included in international guidelines for the use of testosterone in women.

Our current studies include novel clinical trials and community based cross-sectional studies in Australia and Bangladesh. These studies will result in new, and much needed information about the consequences of oestrogen loss at menopause for Australian and Bangladeshi women at midlife, and for Australian women aged 65 to 80 years. Our clinical trials include the investigation of a novel approach to prevent endometrial cancer, being conducted in collaboration with the Monash Institute of Medical Research and clinicians in the community.

Our research is supported by the NHMRC, ANZ Bone and Mineral Society-Osteoporosis Australia, the Bupa Health Foundation and the International Menopause Society. The last of 23 publications from the Bupa Health Foundation Health and Wellbeing After Breast Cancer Study was accepted for publication in 2014, winding up this 10 years of study.

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: <http://med.monash.edu.au/sphpm/womenshealth/>





Professor John Zalcborg

Cancer Research Program (CRP)

Professor John Zalcborg (Head)

A recent addition to the School of Public Health & Preventive Medicine is the Cancer Research Program (CRP) which was set up to enhance the cancer research focus across the School's clinical and public health activities. The CRP was formed in May 2014 with the arrival of Professor John Zalcborg who has over 20 years working as a medical oncologist and cancer researcher.

Much of the work of this nascent research unit is complementary to the Clinical Registries Unit by supporting the development of new cancer clinical quality registries. These registries collect population based data on diagnostic, treatment, and patient outcome information in high priority cancer areas. This information is fed back to health services using benchmarked reports in order to enable clinicians to identify areas that require quality improvements and/or practice change.

More broadly, the CRP is interested in improving the quality of health care through efficiencies and clinical advances made as a result of embedding research into health systems. The CRP will continue to focus on research that supports continued quality improvement in cancer treatment and in turn, improve patient outcomes. The CRP is closely aligned with the Australian Clinical Trials Alliance, health service providers and policy makers to further the embedding of research into the healthcare system.



Professor John Zalcborg

The Australian Clinical Trials Alliance (ACTA)

Professor John Zalcborg (Head)

ACTA was established in 2014 as a national mechanism to support high quality investigator-initiated clinical trials and clinical quality registries within the Australian healthcare system.

ACTA's mission is to promote effective and cost-effective health care in Australia through investigator-initiated clinical trials that generate evidence to support decision-making by health practitioners, policymakers and consumers.

The ACTA community currently incorporates 60 clinical trials networks, clinical trial coordinating centres and clinical quality registries from around Australia. Collectively, these collaborations represent more than 10,000 senior doctors, nurses, allied health professionals and career researchers. They cover a broad range of disease groups and clinical disciplines and extend well into regional – and in many cases, rural – healthcare facilities in Australia. Their members are among Australia's most productive and high impact clinical researchers; responsible for establishing the effectiveness, and in some cases the harm, associated with numerous new and/or commonly used medical therapies.

ACTA's national office is located within the Monash School of Public Health and Preventive Medicine. The organisation provides representation, leadership and advocacy around the role and value of 'public good' clinical trials and clinical quality registries within the health system. ACTA also undertakes a range of activities aimed at connecting and supporting networks and improving the quality and efficiency of clinical trials.

To find out more about ACTA and our current initiatives please visit <http://www.clinicaltrialsalliance.org.au>





Clinical Epidemiology Division

- CCRE Therapeutics
- Clinical Epidemiology (Alfred)
- Musculoskeletal Epidemiology
- Clinical Epidemiology (Cabrini)
- Infectious Diseases
- Australian Cochrane Centre
- Renal Disease Prevention



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 research project and data management professionals provide data management and development assistance in randomised trials, clinical registries and public health projects. The CCRET 2014 annual report can be found on: <http://www.ccretherapeutics.org.au/information/reports>.

Website: www.ccretherapeutics.org.au



Professor Michael Abramson

The Clinical Epidemiology Unit – The Alfred

Professor Michael Abramson (Head)

Much of the Department's research falls within the scope of clinical epidemiology. For example, randomised clinical trials of Vitamin E offer the prospect of preventing vascular disease and cataracts. In collaboration with the Department of Allergy, Immunology and Respiratory Medicine at the Alfred Hospital, we have established and evaluated asthma education, both for patients attending the Asthma & Allergy Clinic and also for health professionals, such as community health nurses.

Michael Abramson is Chief Investigator in the Australian Centre for RF Bioeffects Research (ACRBR), a consortium consisting of RMIT University, Swinburne University of Technology, Telstra Research Laboratories, Monash University and the Institute of Medical and Veterinary Sciences in Adelaide.

Current research:

- EXPOSURE – Mobile Phones, Radiofrequency Exposure and the Development of Cognitive Function in Primary School Children.

Website: <http://www.med.monash.edu.au/epidemiology/clinepi/presee.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 and the role of bone in knee OA. This offers potential for novel approaches to the treatment of knee OA which we are currently testing in 2 new NHMRC funded studies. The first examines whether the use of a low dose cholesterol lowering agent prevents the progression of knee osteoarthritis. The second is aimed at determining whether the use of a medication used to treat osteoporosis, zoledronic acid, also reduces the progression of knee osteoarthritis. We have also begun to examine whether the use of low-dose aspirin affects cartilage loss in adults over the age of 70 years old within the ASPREE study.

Parallel work is also continuing that explores the effect of physical activity on joint health.

We have received NHMRC funding to correlate novel MRI findings in knees with osteoarthritis to the histopathological changes seen, in conjunction with collaborators at Adelaide University.

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. We are performing an NHMRC funded study to examine whether the use of a low dose antidepressant, amitriptyline, is helpful in managing chronic back pain.

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





Associate Professor Karin Leder

Infectious Diseases

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 and influenza which represent important problems in clinical practice. Additionally, there is a focus on collaborative projects within the School, with current work including an ASPREE sub-study assessing the impact of aspirin on severe sepsis in the elderly (anti-SEPSIS study), examination of the infectious burden in trauma, splenectomised and cardiothoracic registry patients, and the impact of antibiotics on back pain. Unit staff are also involved 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 coordinates the activities of the Cochrane Collaboration in Australia and in the wider Asia-Pacific region in partnership with its branches in Japan, Korea, Malaysia, New Zealand, Singapore and Thailand. It provides training and support to authors of Cochrane reviews, works with policy makers, advocates on behalf of Cochrane regionally, conducts methodological research, undertakes commissioned evidence syntheses and promotes the use of The Cochrane Library.

In addition to its core activities, 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/>



Mr Steve McDonald



Professor Bob Atkins



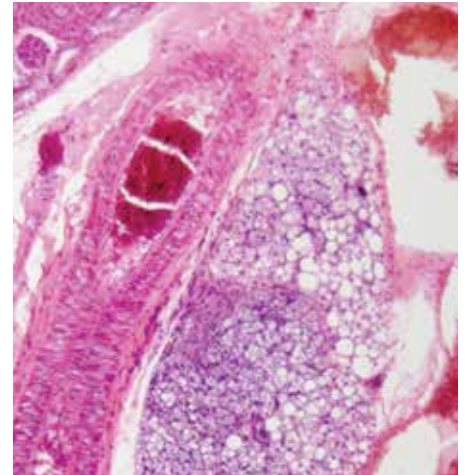
Dr Anne Reutens

Renal Disease Prevention Unit

Professor Bob Atkins (Head) and Dr Anne Reutens

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/





Methodology

- Biostatistics
- Clinical Informatics and Data Management
- Epidemiological Modelling
- Research Governance



Professor Andrew Forbes

Biostatistics Unit

Professor Andrew Forbes (Head)

The Biostatistics Unit is actively engaged in methodological biostatistics research in a variety of areas. It is also involved in numerous collaborative epidemiological research projects with staff within and external to the School. The Unit offers a Biostatistical Consulting Service for students and staff of Monash University, the Alfred Hospital, and other health research groups.

Staff within the Biostatistics Unit are actively involved in teaching biostatistics to medical, biomedical and health science undergraduate students, to public health and clinical research postgraduate students and to students in postgraduate degrees specialising in biostatistics.



Professor Chris Reid

Clinical Informatics and Data Management Unit (CIDMU)

Professor Chris Reid (Head)

The Clinical Informatics and Data Management Unit (CIDMU) provide 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.

Major activities of the Unit in 2014 have included:

- Development and maintenance of international clinical trial management systems for the ASPREE, POLAR, EPO_TBI, PHARLAP and TRANSFUSE studies.
- Development and maintenance of the national registries for Colorectal Cancer, Rheumatology, Burns, Trauma, Haemoglobinopathy, Prostate Cancer, Bariatric Surgery, National Breast Device and Cardiac Surgery.

- Development of projects utilising REDCap software including the Victorian Cardiac Outcomes Registry (VCOR) Heart Failure Snapshot and ICU Recovery study.
- Development and maintenance of data management system for the Victorian Worker Health-check Program.
- Development of the Victorian Cardiac Outcomes Registry supported by Medibank Private and the Victorian State Government.
- Development and Maintenance of the Cancer 2015 data system for the Peter McCallum Cancer Institute.

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





Associate Professor
Manoj Gambhir

Epidemiological Modelling Unit

Associate Professor Manoj Gambhir (Head)

The Epidemiological Modelling Unit aims to improve the effectiveness of chronic disease and disability prevention in Australia, through better quantitative decision-making. The benefits of preventive health interventions will often occur many years into the future, while the costs accumulate in the present. Most prevention trials study only near-term horizons and so the evaluation of long-term benefits requires predictive tools generally known as Modelling. Statistical epidemiological modelling, for example, integrates data from a variety of sources, including clinical trials and epidemiological studies, to project population disease measures and uncertainties into the future.

The Unit develops epidemiological models that can assist policy-makers to make more informed choices of which preventive programs to fund, improve the ability of

clinicians to provide accurate preventive advice, and to increase the ability of consumers to make decisions about preventive activities (that may relate to themselves or their communities). Converting quantitative results into usable information is a central concern, and so the Unit gives due attention to the representation of uncertainty in its projections.



Professor Robin Bell

Research Governance

Professor Robin Bell (Chair – Research Governance Committee)

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

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.

The Research Governance Officers 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 2014 included:

- Providing the short course in Ethics and Good Research Practice which became free for new staff as well as students in November 2014.
- Developing an online training package for SPHPM new staff and students which will go live by the end of 2014.
- Conducting online self-audits and face to face short audits. In 2014, for the first time, the short audits will be used to evaluate the self audit program (with Ethics approval from Monash University).

In depth audits will also be carried out as appropriate.

- Re-evaluating the current backup and archiving policy for the Schools' shared drive.
- Implementing strategies to ensure the Schools' Risk Management Plan is adhered to, including presentations on the Risk Management policy by Robin Bell and Jay Illesinghe to all research groups within the School.
- Informing staff about the implementation of the University's open access policy in relation to research publications
- Informing staff about the implications for research of the changes to the Privacy Legislation which came into effect in 2014

(2014 Committee members: Professor John McNeil, Dr Jayamini Illesinghe, Mrs Marina Skiba, Dr Elizabeth Douglas, Professor Olaf Drummer, Professor Susan Davis, Professor Robin Bell, Associate Professor Allen Cheng, Professor Andrew Forbes, Dr Liz Bishop, Associate Professor Robyn Woods and Professor Malcom Sim).

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





Health Services and Global Research Division

- Health Services Management
- Michael Kirby Centre for Public Health and Human Rights
- Clinical Registry Unit
- Health Services Research
- Jean Hailes Research Unit
- Medical Education Research and Quality



Professor Just Stoelwinder

The Health Services Management

Professor Just Stoelwinder (Head)

The aim of the Health Services Management 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/



Bachelor of Health Sciences Honours Students



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 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 conducts 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/michaelkirby



At the launch of the HeLP Patient Legal Clinic on 27 March 2014; a collaboration between The Michael Kirby Centre, Maurice Blackburn Lawyers; Alfred Health and Justice Connect supported by the Legal Services Board and Victoria Law Foundation. L-R: Assoc. Prof. Bebe Loff; Emily Hart, Associate at Maurice Blackburn Lawyers; The Hon. Michael Kirby AC CMG; Kathryn Booth, Principal at Maurice Blackburn Lawyers; Dr Liz Bishop, The Michael Kirby Centre.



Dr Liz Bishop in Suva, Fiji with Year 4 and 5 medical students from Fiji National University



Associate Professor Sue Evans

Clinical Registry Unit (CRU)

Dr Sue Evans (Head)

The Monash CRU was established in 2013 as a result of the growing interest in clinical registries in Australia and our expanding group of registries within Monash. The CRU operates registries monitoring cancers and implanted devices and provides educational support to researchers, clinicians, health administrators and government. It facilitates the Monash Registry Special Interest Group which provides registry staff from around Australia the opportunity to meet and learn from each other. The common goal of the group is to enhance our ability to use registries to measure quality of healthcare.

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



Associate Professor Catherine Joyce

Health Services Research Unit

Associate Professor Catherine Joyce (Head)

The Health Services Research Unit undertakes research on the organisation and delivery of health services and systems. The Unit focuses on generating new knowledge to promote effectiveness, efficiency, equity and quality in health services, and on transferring this knowledge into improved policy and clinical practice.

The unit undertakes multi-disciplinary research with projects in four broad areas: health workforce; falls and bone health; chronic wounds and older people's health service use. Our research spans a broad range of methodologies including randomised controlled trials, cohort studies, economic evaluation, and qualitative research.

Major projects in 2014 included:

- Centre for Research Excellence in Medical Workforce Dynamics: A collaborative Centre with the Melbourne Institute of Applied Economic and Social Research which investigates trends in, and determinants of, doctors' workforce participation.
- Safe Elderly Emergency Discharge (SEED): Based at the Alfred Hospital Emergency Department (ED), it is investigating the risk profiles, care journeys and health outcomes of older patients discharged home from ED.

- RESPOND: A multi-centre randomised controlled trial investigating the effect of a novel program on secondary falls and ED-representations in older people presenting to the ED due to a fall.
- 6-PACK: A cluster randomised controlled trial that involves six hospitals and more than 80,000 inpatients. The project examines the effect of a nurse-led falls prevention program on falls, fall injuries and hospitalisation costs.
- ASPIVLU (Aspirin in Venous Leg Ulcer healing): Funded by a NHMRC project grant from 2014–2017, this randomised double-blinded placebo-controlled trial is investigating the clinical effectiveness of aspirin as an adjunct to compression therapy in healing people with chronic venous leg ulcers.

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





Professor Jane Fisher

Jean Hailes Research Unit (JHRU)

Professor Jane Fisher (Head)

JHRU is an innovative formal partnership between Monash University and the community-based knowledge translation and clinical service, Jean Hailes for Women's Health (JHWH).

Recognising that it is essential to incorporate gender equality and equity into public health, all research is informed by a social model of health, with a specific focus on understanding and addressing gender-based risks and the social, economic, cultural and political contexts of women's lives. The partnership enables research to be informed by community perspectives, translated to inform national policy and practice, and made accessible to women, their families and their healthcare providers.

The Unit is headed by Professor Jane Fisher. In 2014 the JHRU comprises eight academics (5.7 EFT), seven adjunct research fellows, three professional staff (2.2 EFT), three international public health trainees, a bank of casual research assistants, 10 research higher degree students enrolled in the Monash SPHPM (nine PhD and one clinical M Phil candidate), three honours students and two summer vacation students. JHRU staff and students have diverse backgrounds, including biological sciences, education, epidemiology, gender studies, health economics, nursing, clinical and health psychology, psychiatry, pharmacy, public health, sociology and statistics.

The JHRU's output for 2014 includes 43 (published or accepted papers) papers and book chapters, along with 57 oral and poster presentations at academic, professional development and community conferences. Professor Fisher co-presents a highly successful weekly 30 min program on 774 ABC Melbourne radio with Rafael Epstein on: "Life and other catastrophes: Love, relationships, family and friendships". Her academic standing is illustrated by her election as the President of the International Marcé Society for Perinatal Mental Health 2016 – 2018. JHRU academic staff serve as committee members, office bearers and grant reviewers for diverse national and international organisations devoted to women's health. A key part of the JHRU – JHWH collaboration in perinatal mental health is the What Were We Thinking website and blog for new parents, (<http://www.whatwerewethinking.org.au/>) which is widely accessed by new parents and health professionals.

Current research projects include studies on fertility management in Australia, maternal and adolescent mental health in developing countries in our region, community and web-based programs to support the mental health and relationships of new parents, cryopreservation of reproductive material for future conception, the reproductive and psychological consequences of breast cancer in young women, psychosocial aspects of female genital cosmetic surgery in Australia, and how social media use affects parenting of infants and young children.



Members of the Jean Hailes Research Unit



*Associate Professor
Dragan Illic*

Medical Education Research and Quality Unit (MERQ)

Associate Professor Dragan Illic (Head)

The Medical Education Research and Quality (MERQ) unit was established in 2014, with a focus on pedagogical research in medical and health education alongside teaching in clinical, biomedical and health science disciplines. During this time, the MERQ unit has commenced a variety of research project, educational activities and conference presentations.

Our study into curriculum renewal for evidence-based practice was funded by the Australian Government Office for Learning and Teaching. Collaborators on this project included Bond University and the University of Southern California. Outcomes from the project included Assessing Competency in EBP (ACE) tool, which provide teachers and learners of EBM with a psychometrically validated instrument for assessing competency in EBM.

Other research projects include examining the predictors of medical student performance, evaluating the use of social media in public health education and novel e-learning strategies and applications in medical education.

The MERQ unit continued to promote capacity building through its involvement with the SPHPM Summer Vac program. We also continued to provide high quality tutor training to all SPHPM staff involved with teaching. MERQ staff also supervised a number of Honours and PhD candidates across a variety of research projects.

The teaching and research activities of MERQ were also disseminated through staff presenting at a variety of national and international education conferences including the Australian & New Zealand Association for Health Professional Educators and the International Consortium for Educational Development conferences.





Occupational and Environmental Health

- Occupational Health
- Australian Centre for Human Health Risk Assessment (ACHHRA)
- Water Research Australia
- Aviation Medicine 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 focussing on the health impact of workplace and environmental hazards. The Centre brings together a vibrant team of over 30 researchers, PhD students, teaching and administrative staff who undertake and deliver diverse programs.

The Centre 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 studies on veterans' and firefighters' health.

MonCOEH researchers had a successful 2014 which saw the expansion of the MonCOEH research program to include:

- ARC Linkage grant on understanding individual, workplace and system level influences on return to work in a changing Australian labour market
- In conjunction with the Clinical Epidemiology Unit led by Prof Michael Abramson, a 10 year study of the health of Morewell residents following the Hazelwood coal mine fire, funded by the Department of Health to the value of \$24 million.



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 participation in expert advisory panels, preparation of risk assessment guidance documents and peer review of reports.

Website: <http://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 (rainwater, greywater, and recycled water). The use of which continues to be an important component of water management strategies in Australia despite easing of drought conditions in many areas of the country. Recent research by the unit has included development of methods to measure accidental water ingestion from spray exposures when lower quality water is used for non-drinking purposes such as car washing. The Unit is also involved in updating the national water guidelines and in the research program of the national research organisation Water Research Australia.

A planned new focus for the Unit is to address water quality and health issues in the international context, with a project assessing the impact of improved water supplies in India to commence in 2015.

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



A car replica being washed in the Car wash study



Associate Professor David Newman

Aviation Medicine Unit

Associate Professor David Newman (Head)

The Aviation Medicine Unit conducts a range of training and research activities in aviation medicine. Aviation medicine is a unique field, and is concerned with the interaction between the aviation environment and human physiological and psychological systems. It is a specialized subset of the wider field of occupational medicine. The main emphasis of the Aviation Medicine Unit is on understanding the implications of exposure to the flight environment on human performance. As such, it is fundamentally concerned with health consequences in pilots, aircrew and aircraft passengers.

The Unit is responsible for teaching the highly successful short course, the Australian Certificate in Civil Aviation Medicine, which is a prerequisite for medical practitioners who wish to register with the Civil Aviation Safety Authority of Australia (CASA) as Designated Aviation Medical Examiners.

If you have enquiries about the ACCAM course please phone +61 3 9903 0693 or email shortcourses.depm@monash.edu

The Unit also provides a number of other training courses for both aircrew and aviation medicine-qualified doctors including an advanced practical course which is held in Singapore which offers students the centrifuge simulator experience.

Current research areas include:

- Neck injuries in pilots exposed to high G;
- Cardiovascular regulation and control in the high G environment;
- Spatial disorientation in aircrew;
- Passenger health in airline operations; and
- Super-agile flight and its biodynamic implications.

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





Critical Care Research

- 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
- Transfusion Research



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)

ANZIC-RC is the NHMRC and Monash University funded bi-national centre for development, coordination and execution of pivotal multicentre randomised controlled trials (RCTs) in critically ill patients.

ANZIC-RC is recognised as one of the most productive nationally supported clinical trial centres in the field of critical care in the world. The outcomes of its research have changed medical care in Australia and internationally, improved patient outcomes and lowered health care costs.

The parallel role of the ANZIC-RC is a national teaching centre for doctoral, postdoctoral and international clinician researchers in critical care medicine. Since its establishment in 2006, ANZIC-RC has attracted over \$30 million in research funding and delivered more than 415 journal publications.

ANZIC-RC's highlights in 2014 were:

- The Mortality Related to Severe Sepsis study, simultaneously presented at the International Symposium on Intensive Care and Emergency Medicine in Belgium and published in JAMA, highlighted how Australia and New Zealand (ANZ) have reported the lowest rates of mortality for ICU sepsis in the world for the past 10 years. The significant reduction in mortality rates was attributed to a coordinated approach to ICUs by ANZ. In the 1970s, ANZ established the first closed ICUs in the world, where a group of full time dedicated specialists managed the critically sick patients in a hospital 24 hours a day. (Kaukonen KM, Bailey M, Suzuki S, Pilcher D, Bellomo R. Mortality related to severe sepsis and septic shock among critically ill patients in Australia

and New Zealand, 2000–2012. JAMA 2014;311:1308–16.)

- The Australasian Resuscitation In Sepsis Evaluation (ARISE) study completed recruitment in April. ARISE was a randomised controlled trial of early goal-directed therapy (EGDT) for patients with septic shock. It recruited 1600 patients over six years and involved 40 sites across ANZ and internationally. Previous studies had found mortality rates for sepsis were lowered to 30 per cent if EGDT was also used. Subsequently, EGDT was recommended globally and was endorsed by the Surviving Sepsis Campaign.

In contrast, the ARISE study found that, in ANZ, hospital mortality rates were close to 15 per cent whether EGDT was delivered or not. The results were simultaneously presented at the European Society of Intensive Care Medicine in Barcelona and published in the New England Journal of Medicine. (ARISE Investigators; ANZICS Clinical Trials Group, Peake SL, Delaney A, Bailey M, Bellomo R, Cameron PA, Cooper DJ, Higgins AM, Holdgate A, Howe BD, Webb SA, Williams P. Goal-directed resuscitation for patients with early septic shock. N Engl J Med 2014;371:1496–506.)

- In November, the EPO-TBI study, a randomised, placebo-controlled trial of erythropoietin in critically ill patients with traumatic brain injury (TBI), also completed recruitment. This was the largest ever investigator led study of severe TBI conducted in the world, and it enrolled 606 patients over more than 30 sites from Australia, New Zealand, Finland, Saudi Arabia, France and Ireland. The results will be presented and published in 2015.





Professor Belinda Gabbe

Pre-hospital, Emergency and Trauma Unit

Associate Professor Belinda Gabbe (Head)

The Pre-hospital, Emergency and Trauma (PET) Unit is part of the Critical Care Research Division.

The Unit has a highly successful and rapidly expanding research program which includes leading clinical quality registries, an NHMRC Centre of Excellence, NHMRC Project Grants and a number of other research projects.

This unit is responsible for the following clinical quality registries:

- The Victorian State Trauma Registry (VSTR) monitors the performance and effectiveness of the Victorian State Trauma System (VSTS), collecting information about all major trauma patients from every hospital and health care facility in Victoria.
- The Victorian Orthopaedic Trauma Outcomes Registry (VOTOR) is a clinical quality registry and a collaboration of hospital and academic institutions. The registry is a comprehensive database of orthopaedic injuries, treatment,

complications and outcomes based on admissions to The Alfred, Royal Melbourne, Geelong and Northern Hospitals.

- The Burns Registry of Australian and New Zealand (BRANZ) is a clinical quality registry capturing epidemiological, quality of care, and outcome data for adult and paediatric burn patients across Australian and New Zealand burn units.

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.



Professor Paul Myles

Australian and New Zealand College of Anaesthetists (ANZCA) Clinical Trials Network

Professor Paul Myles (Director)

The ANZCA Clinical Trials Network (CTN) functions as a collaboration between Monash University and the Australian and New Zealand College of Anaesthetists (ANZCA). The ANZCA CTN is a network of ANZCA Fellows, trainees and trial co-ordinators with a strong commitment in fostering investigator-initiated, multi-centre research to improving the evidence base of anaesthesia, pain and perioperative medicine.

ANZCA CTN investigators are experts in clinical trial methodology and delivery, and have been awarded over \$25 million in competitive research funding. The ANZCA CTN has successfully conducted large, international, multi-centre trials to definitively answer controversial questions in anaesthesia research.

The ANZCA CTN is working towards a common vision to be a world leader in delivering randomised trial evidence to guide practice in anaesthesia, perioperative and pain medicine. The ANZCA CTN aims to strengthen research capacity and institutional culture, drive patient recruitment, and share resources and infrastructure with anaesthesia departments to become sustainable in delivering research.

The ANZCA CTN Executive, chaired by Professor Kate Leslie, is a dynamic group of experienced researchers who oversee trial-related activities and survey research undertaken by Fellows and trainees, administer the pilot grant scheme, and endorse trials designed by collaborating research groups. In addition, the Executive runs educational sessions and annual strategic research workshop to develop new research ideas.

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



(L to R) Professor Paul Myles and Dr Stefan Dieleman



Associate Professor Erica Wood

Transfusion Research Unit (TRU)

Associate Professor Erica Wood (Head)

The Transfusion Research Unit (TRU) is a multidisciplinary research team under the leadership of Associate Professor Erica Wood.

TRU is responsible for national registries and other projects to collect information about conditions requiring major and/or complex transfusion support to better understand and improve practice and clinical outcomes. These include the Massive Transfusion Registry (MTR), which is supported by an NHMRC partnership grant. Other national registries investigate the diagnosis and management of rare blood diseases, including the Aplastic Anaemia Registry, the Thrombotic Thrombocytopenic Purpura (TTP) Registry and the Neonatal Alloimmune Thrombocytopenia (NAIT) Registry. The Haemoglobinopathy Registry (including thalassemia and sickle cell disease) is currently in development. These registries will provide systematically collected national data to help understand epidemiology and current management practices, inform future practice and health care policy and contribute to high quality patient care and improved outcomes.

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. This collaboration, established in 2008, has been central to the design and progress of pioneering transfusion research in Australia.

TORC's setting, combining transfusion medicine and research expertise, also provides opportunities for medical specialists in training and future researchers to develop solid foundations in research methodologies relevant to transfusion medicine.

Other registry-based research at TRU includes the Myeloma and Related Diseases Registry (MRDR), the Registry of Kidney Diseases (ROKD) and the Venous Thromboembolism (VTE) cohort study.

In 2014, A/Prof Wood and colleagues were awarded funding from the NHMRC and Australian and New Zealand Society of Blood Transfusion to conduct the Trial to Evaluate Anti-fibrinolytic Therapy in Thrombocytopenia (TREATT) in Australia, in collaboration with colleagues in the UK. This large study will examine whether tranexamic acid, an antifibrinolytic agent, helps prevent or reduce bleeding in haematology/oncology patients with low platelet counts.

TRU also undertakes a range of activities including data linkage with established large clinical registries and administrative datasets, and modelling work to better understand the impact of major blood shortages on clinical supply and clinical demand. A case-control study of massive obstetric haemorrhage is underway with the Australasian Maternity Outcomes Surveillance System (AMOSS). In 2013–14 two systematic reviews have been undertaken in partnership with the team at the Systematic Review Initiative, NHS Blood and Transplant (NHSBT) in Oxford.





Department of Forensic Medicine

Department of Forensic Medicine (DFM)



Professor Olaf Drummer

DFM exists in parallel with an operational forensic medical service at the Victorian Institute of Forensic Medicine (VIFM). This is the only university in Australia with this unique arrangement, allowing DFM to continue to advance the discipline of forensic medicine and its associated disciplines through training and development of future practitioners and increasing the evidence base through research. Many of our staff members are world leaders in their disciplines and this has contributed to an international reputation for excellence.

DFM, in conjunction with the VIFM, has produced many significant research findings that have contributed to death and injury prevention and public health benefits. DFM has also developed a significant teaching output across undergraduate and graduate programs. The Master of Forensic Medicine enrolments continue to remain consistent, with the 2014 program having 55 students enrolled. These students came from all Australian states and territories, as well as New Zealand, Africa and Canada. DFM is also involved in teaching the medical Law tutorial program, to MBBS students, Elements of Forensic Medicine unit (in conjunction with the Law Faculty) and the forensic imaging (post-mortem CT) short course.

In 2014, a diverse range of research projects were conducted, including research on the toxicity of drugs and drug combinations. Dr Jennifer Pilgrim investigated the role of alcohol and other drugs in deaths caused by single punches or 'king hits' and continued work on the 'Toxicologist' project with colleagues at the Karolinska Institute, Stockholm, and the National Board of Forensic Medicine, Linköping, in Sweden. This aims to create the world's first evidence-based reference database for toxic concentrations of drugs in humans.

Our prevention research unit conducted studies on work related fatalities and continued road safety intervention projects in China. Professor Joan Ozanne-Smith has

contributed substantially to the first major WHO global report on drowning (*Global report on drowning: preventing a leading killer*).

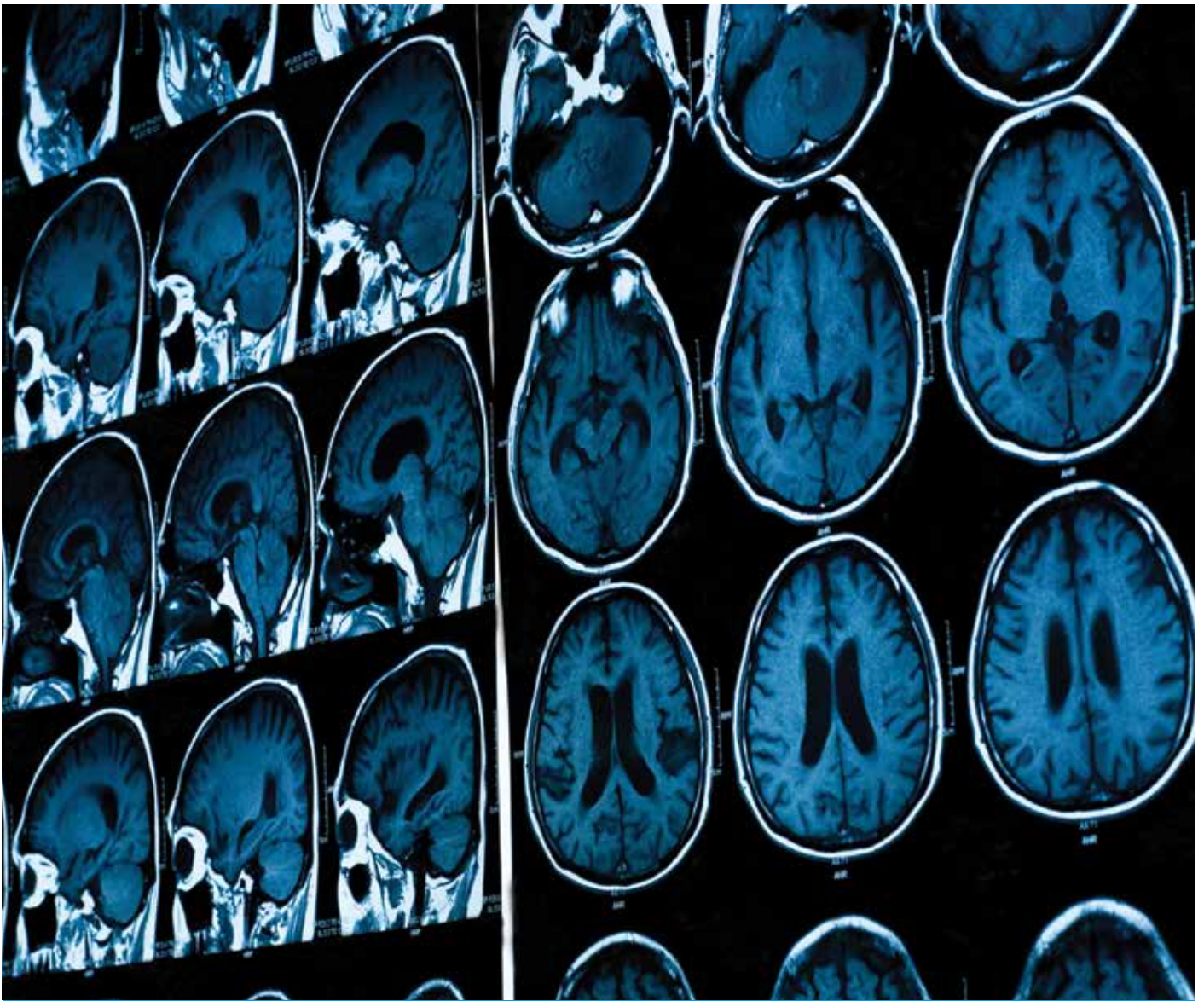
In 2014, the Victorian Health Department commissioned the Monash Injury Research Institute and the Department of Forensic Medicine to undertake a study of unintentional deaths and injuries associated with falls from ladders in the domestic setting in Victoria and to make recommendations for the prevention of these injuries.

Professor Joseph Ibrahim is leading a team examining several aspects of ageing, health care and law. The multi-disciplinary team comprises expertise in forensic investigation, public health, health care, aged care and law. The research team is investigating preventable deaths resulting from unintentional falls, suicide, asphyxia from the use of bedrails and an older person's rights in decision making, especially for those with dementia. The team is also looking at identifying initiatives and strategies for implement the changes necessary to achieve a reduction of injury, premature deaths and for respecting older peoples' choices, this includes evidence-based health policy and practice and use of emerging media in aged care.

The *Residential Aged Care Communiqué* (RAC Communiqué) continued in 2014, this electronic publication containing narrative case reports about lessons learned from the Coroners' investigations into preventable deaths in Residential Aged Care facilities (funded by the Department of Health, State Minister for Ageing). 28 issues are also available on our website. This year saw the re-introduction of the Clinical Communiqué supported by a grant from the VMIA.

During 2014, DFM produced over 70 publications, of which 28 were peer-reviewed journal articles, with the remainder comprising of books, book chapters and encyclopaedia articles. Several DFM staff members received industry recognition awards during 2014.





Monash Centre for Health Research and Implementation (MCHRI)

MCHRI is a partnership between Monash University and Monash Health, newly established in 2013 under the direction of Professor Helena Teede. The Monash Centre for Health Research and Implementation (MCHRI) aims to deliver better health outcomes by taking a cross-sector collaborative and innovative approach across applied research, education, advocacy, translation and implementation into practice. Our work spans translational clinical, health services and public health research programs for the delivery of better population based health outcomes and economic benefit.

MCHRI Units include:

- Women's Public Health Research
- Diabetes and Vascular Medicine Research Program
- Centre for Clinical Effectiveness
- Research Methodology Support Program
- Evidence Synthesis, Capacity Building, Training, Healthcare Improvement and Implementation Program
- Indigenous and Refugee Women's Health Program
- Healthy Lifestyle Program
- Midlife Health and Menopause Program



Professor Helena Teede

Women's Public Health Research Program

Professor Helena Teede (Head)

The Women's Public Health Research Program encompasses research fellows, students and staff with a variety of backgrounds including medicine (endocrinology, obstetrics and vascular medicine), basic science, dietetics, exercise physiology, nursing and health promotion. The unit has a number of focus areas including Polycystic Ovary Syndrome (PCOS) and reproductive health, obesity and diabetes in pregnancy and menopause and midlife health. Translation 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.

The Women's Public Health program works across the continuum of adverse lifestyle related reproductive and metabolic health and overlaps with many activities in the other MCHRI programs.

Some of the major projects include:

1. Insulin resistance and metabolic disease;
2. PCOS Research including an NHMRC Centre for Research Excellence;
3. Pregnancy complications, Gestational Diabetes and obesity in pregnancy;
4. Metabolic, diabetes and vascular health in women; and
5. Midlife Health and Menopause studies.



Professor Sophia Zoungas

Diabetes and Cardiovascular Disease Research

Professor Sophia Zoungas (Head)

The Diabetes and Cardiovascular Disease Research Unit within the Monash Centre for Health Research and Implementation (MCHRI), SPHPM at Monash Health is undertaking a variety of projects emphasising formative and translational research in the area of diabetes and prevention of cardiovascular disease. The unit frequently collaborates with other institutions and hospital departments (such as podiatry, infectious diseases, vascular medicine, dietetics, and the emergency departments) within Monash 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.

Project themes emphasising formative and translational research in the area of diabetes and cardiovascular disease prevention currently undertaken include:

1. Diabetes Data and Clinical Quality Indicators;

2. Gestational Diabetes Management;
3. Health Service Development in Diabetes;
4. Diabetic Emergencies;
5. Examination of Vitamin D Supplementation in the Prevention of Diabetes;
6. Nutrition/Neutraceuticals; and
7. Industry Drug Trials.

Professor Zoungas was recently the recipient of the largest NH&MRC grant, awarded \$5.1 million to investigate the use of statins (cholesterol lowering medications) for reducing events in the elderly and as such prolonging overall and disability free survival.



Centre for Clinical Effectiveness (CCE)

Ms Cindy Hawkins (Director), Ms Angela Melder (Manager)

The Centre for Clinical Effectiveness (CCE) contributes to knowledge translation through the provision of literature reviews to inform policy and clinical practice at Monash Health. This setting requires reviews that cover a diverse range of questions, evidence and perspectives. CCE is able to respond in a rigorous but timely manner using a customised approach.

CCE has contributed to initiatives that address the Australian Commission on Safety and Quality in Healthcare Standards (the National Standards). This includes work that addresses the National Standards which indicate the need for the development

and/or application of clinical guidelines or pathways that are supported by the best available evidence. The delivery of Evidence Dissemination Service continues as core business for CCE.

Presentations about the Evidence Dissemination Service were delivered to the Health Technology Assessment International 10th Annual Conference in Seoul, South Korea and the 2013 Australasian Cochrane Symposium in Melbourne. The presentations described the knowledge translation activity at Monash Health and the impact that high quality, synthesised and up-to-date evidence has on clinical practice.



L to R Ms Angela Melder (Manager) and Ms Marie Garrubba (Senior Project Officer)

Research Methodology Support Program

Dr Maree Powell (Head)

The Research Methodology Support Program will be based at the Monash Health Translation Precinct and aims to support and build capacity for clinical research and for implementation/translation into clinical practice. Capacity building in these areas is a major priority for MCHRI, Monash Health and Monash University and aims to enable healthcare improvement.

The Research Methodology Support Program provides the clinical teams and postgraduate students with access to support in trial design, data management, project management, healthcare improvement expertise and systems approaches, epidemiology and biostatistics, evidence synthesis support, health economics links, granting opportunities and implementation/evaluation expertise.

MCHRI also facilitates collaborative integration across the clinical research interface engaging researchers with multidisciplinary health professionals, Monash Health and Monash University to bring about the integration of research into clinical practice for the purpose of healthcare improvement.



Dr Marie Misso

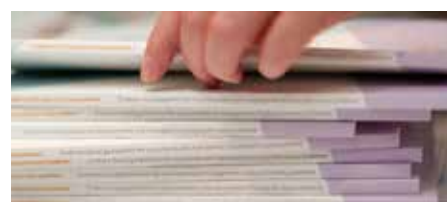
Evidence Synthesis, Capacity Building, Training, Healthcare Improvement and Implementation Program

Dr Marie Misso (Head)

The MCHRI Implementation and Training Program based at the Monash Health Translation Precinct aims to build a clinical translational research culture and capability in the pursuit of continued healthcare improvement at Monash Health.

Support and short courses are offered to health care professionals in Monash Health to build capacity in end user driven research and integration of research into clinical practice. These will be expanded over 2015. Support and training is linked to Monash Health Research Directorate, Medical Education and Ethics programs as well as Monash University programs and those of external organisations such as the Institute for Healthcare Improvement. Clinical research development and methods as well as translation and implementation of clinical research findings and health care improvement are priority areas within the program.

Using knowledge translation principles and medical education frameworks, the training program is being co-designed with broad end user engagement, underpinned by formative research and evaluation to determine the needs and preferences of health care professionals in this setting. Currently tested internationally, this is innovative healthcare improvement initiative is novel to Australia.





Dr Jacqueline Boyle

Indigenous and Refugee Women's Health Program

Dr Jacqueline Boyle (Head)

The Indigenous and Refugee Women's Health Program specifically examines the health across the life course for vulnerable groups of women including Indigenous women, refugee women, women from culturally and linguistically diverse backgrounds, young women, pregnant women, those living in rural and remote locations and those with high risk conditions such as polycystic ovary syndrome (PCOS) and diabetes. We aim to lead research and translate new knowledge to understand and address key factors that underpin health inequalities in Australian women from health promotion through to health care provision and health behaviours.

Indigenous and Refugee Women's Health Projects include:

- Are women's needs being met by specialist health services managing Urinary Incontinence in the remote Australian, Northern Territory Top End?;
- Polycystic Ovary Syndrome (PCOS) in the Torres Strait;
- Preventive health care and risk of chronic disease in Aboriginal and Torres Strait Islander Young People;
- Continuous quality improvement: improving evidence-based pregnancy care for Aboriginal and Torres Strait Islander women;
- Pregnancy and neonatal outcomes in women of refugee background at Monash Health; and
- National Indigenous Women's Health Partnership Project.

This program led a highly successful workshop aimed towards the establishment of a national partnership as a united voice in ensuring collaborative work that addresses community needs in Aboriginal and Torres Strait Islander women's health and to facilitate effective translation and implementation of health research. The workshop was designed to facilitate engagement across diverse groups with an interactive forum that would promote discussion among participants. Workshop outcomes can be found at <http://www.med.monash.edu.au/assets/docs/sphpm/workshop-outcomes-report.pdf>

The Indigenous and Refugee Health Program had active participation with presentations at numerous conferences/meetings this year including: the RANZCOG Indigenous Women's Health Meeting May 2-4 2014, the Endocrine Society Meeting, the Perinatal Society of Australia and New Zealand, the Australian Society of Psychosocial Obstetrics and Gynaecology and the NHMRC Translation Faculty Symposium.

<http://www.ranzcog2014iwhm.com.au/>
twitter @2014iwhm.





Dr Cate Lombard

Healthy Lifestyle Program

Dr Cate Lombard (Head)

The Healthy Lifestyle Research Program aims to impact on population health through research into the prevention of obesity and the promotion of healthy eating and physical activity. Currently there are several major projects underway including:

Preventing weight gain in young to mid-age women living in rural communities: A cluster randomised controlled trial (RCT)

The HeLP-her Rural is a cluster RCT in 42 rural communities and consists of an active intervention phase (one year) and an observational phase (one year) to test the effectiveness of a low intensity, healthy lifestyle intervention to prevent weight gain in a population of reproductive aged women living in small rural communities. Currently 649 women between the ages of 18-50 years, from 42 rural communities in Victoria have been recruited to this study. The 12 month data collection is completed and we are currently undertaking the second year data collection.

Translation of evidence into practice in obesity

The Healthy Lifestyle Team also works closely with Healthy Together Victoria, the Victorian Government response to the National Prevention Agreement with the States.

The Department of Health has identified HeLP-her as an evidence based program for support to enable upscaling and delivery of HeLP-her across Victoria. The team has been working with Knox City Council and Barwon Health amongst other organisations to roll out the HeLP-her program.

The Healthy Lifestyle Research Program

actively participates in the broader research field of obesity prevention, recently attending the International Congress on Obesity ICO Malaysia, the ANZOS conference, delivery of a workshop at the 3rd Annual NHMRC Translation Symposium: Workshop Obesity has to start somewhere; evidence to practice in obesity and the Dietitians Association Australia annual conference.



Midlife Health and Menopause Program

Dr Amanda Vincent (Head)

The average age of menopause in Australia is 51 years. However, menopause can also occur in younger women with 1 percent of women experiencing spontaneous premature ovarian insufficiency before the age of 40 years. In addition, menopause can occur following medical treatment such as surgery or chemotherapy affecting up to 8 percent of women. The Midlife Health and Menopause studies include investigation of menopause therapies including an NHMRC funded

clinical trial which is a collaboration between Melbourne University and MCHRI and aims to examine whether needle acupuncture is more effective than a sham needle control acupuncture in relieving hot flushes in post-menopausal women. This project has completed recruitment and results are pending later this year.

Ongoing or recently completed studies include factors that may assist in the prediction of menopause in women with breast cancer and the experiences/

health related behaviours/management of women with early/premature menopause due to different causes. In collaboration with the Menopause Unit, Monash Health, studies directed at optimising service provision are ongoing. Previous work in collaboration with Jean Hailes Foundation for Women's Health has focused on health professional menopause education in relation to menopause and cancer, premature menopause and Turner's syndrome.



Education

- Undergraduate Teaching
- Postgraduate Teaching
- Doctoral Training
- Short courses

Undergraduate Teaching

Monash University Bachelor of Health Science

The Bachelor of Health Science (BHSc) continued to grow in 2014, with the largest ever number of students enrolled in our degrees (377), including 86 BHSc/Bachelor of Social Work and 62 BHSc/Bachelor of Business students. In addition, 548 students from a range of other degrees across the University completed HSC units totalling approximately 207 EFTSL.

Our teaching program comprised 28 undergraduate units at Years 1, 2 and 3, taught across the Caulfield, Berwick and Clayton campuses. A total of 19 of those units were also taught cross-campus at Monash South Africa with the Caulfield Unit Coordinators taking the responsibility of Chief Examiner for all campus offerings.

Teaching covers areas such as public health, epidemiology and research methods, health policy and programs, global health, and social and cultural aspects of health. The course provides a flexible program for students to pursue careers in a range of health occupations. Graduates from our program have gone on to further studies for clinical careers (including medicine, occupational therapy, nutrition), public health research (Honours and PhD), and non-health careers including teaching and law.

Seven students undertook the Bachelor of Health Science (Honours) degree. Honours thesis topics were diverse, and included local government participation in gambling applications, determinants of sustained breastfeeding and anxiety, depression, and heart rate variability in cardiac patients.

Website: <http://www.monash.edu.au/study/coursefinder/course/3882/>

<http://www.monash.edu.au/study/coursefinder/course/3971/>



Bachelor of Medicine and Bachelor of Surgery

The School makes an important contribution to Theme 2 of the MBBS program which is called Population, Society, Health and Illness. The MBBS program runs at the Central Clinical School at Clayton as well as at the Sunway campus in Malaysia. The post-graduate entry program runs at Ch urchill in Gippsland.

Year 1: Dr Helen Ackland coordinates Health, Knowledge and Society in the first semester of first year and Professor Robin Bell coordinates Population Health in second semester of first year. Ms Penny Robinson coordinates the tutors for Population Health as well as contributing to the lecture program and curriculum development.

Year 2: Professor Robin Bell coordinates Health Promotion and in 2014 for the first time has run the Prevention Science Program in parallel with the Rural Health placement.

Year 3: Associate Professor Dragan Ilic coordinates Evidence-based Clinical Practice which runs in both semesters and Dr David Goddard coordinates Occupational and Environmental Medicine which runs in Semester 2.

Year 4: Evidence Based Clinical Practice continues throughout Year 4 under the direction of Associate Professor Dragan Ilic. In semester 1 of Year 4 Professor Just Stoelwinder coordinates Health Systems, Management and Policy

Year 5: Dr Helen Ackland coordinates an on-line module in International Health and Professor Robin Bell and Dr Fiona Jane coordinate a module on Midlife Women's Health

New developments in 2014

Programs which ran for the first time in 2014 included Prevention Science in year 2 and the Midlife Women's Health Module in year 5. The prevention science program was popular with students who chose this program as an alternative to a rural health placement. Dr Basia Diug will take on the Coordination of this program in 2015. The new module in Midlife Women's Health runs during the Specialty rotation in year 5. Results show that the students are highly engaged with this new module.

Plans are underway for the transition of the undergraduate medical course at Monash to an MD program. Our school will be heavily involved in this transition which will involve increasing the research training experience for Monash medical graduates.

Melissa Boglis looks back on her Honours year in 2014

After completing her undergraduate degree in Biomedical Science, Melissa decided to apply for honours because she saw it as a way to continue studying something that she was passionate about.

"I have always wanted to do medical research but I wasn't always sure as to what field exactly, although once I started my biomedical degree, I knew that I wanted to work with drugs and with haematology," Melissa notes.

Melissa's honours project this year looked at warfarin education with older patients.

"We're looking at improving the patient's knowledge and education so that they can better manage their drugs and hopefully have improved outcomes. My research is really important for the older population because we are working with a drug that a lot of older Australians take so we hope that it will help with Australia's aging population".

For Melissa, honours not only allowed her to work in a field that she is interested in, it has also taught her more about the process of researching.

"The most interesting thing that I've learnt since I started my honours is the amount of work that goes into research," Melissa said.

"When you're studying your undergraduate, you get given a lot of information and doing honours, I really learnt a lot about the amount of work that goes into actually obtaining that information and the studies that are performed...so there really is a lot behind what we learnt through biomed".

Though it was a big change from studying at the student based Clayton campus to the offices in The Alfred Centre, Melissa says that she found the transition to be quite smooth.

"What I really like about The School of Public Health are the people, everyone's really nice and friendly. It's really easy to get help if you need it, and everyone offers a lot of support within The School".

She admits that the course is sometimes tough, but she's loved every minute of it.

"It's definitely fulfilled all of my expectations. It has been a lot of work but I've really enjoyed it at the same time".

As for her advice to anyone who is starting their Honours Degree, Melissa says the most important step is to just jump into the program.

"Firstly, definitely go ahead with the program because you'll learn a lot from it and secondly, go in with an open mind so that you can get the most out of the degree".



Undergraduate and Graduate Entry Medical Law Programs

The Department teaches medical law to both the undergraduate and graduate stream medical students at Monash University. It covers 10 key areas of law relevant to clinical practice and uses over 60 medical lawyers, clinicians and VIFM staff to deliver small group tutorials to students in most years of the two medical degrees. Associate Professor David Ranson coordinates the teaching 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's contribution to teaching in the Bachelor of Biomedical Science again rose in 2014. BMS1042: Biomedical Science and Society remains the School's largest core epidemiology and biostatistics undergraduate unit with the number increasing to 418 students. As this unit continues to grow in size it is also embracing new innovations to engage students. Dr Basia Diug, the unit coordinator successfully used Twitter as a tool to increase student engagement and awareness of relevant and current public health issues.

In addition, the School taught the core unit BMS3021: Molecular Medicine and Biotechnology where it taught two research topics; 'NCD, obesity and injury', and 'Drug discovery, re-discovery and planned discovery'. In this unit staff mentored students through large research projects.

Two elective units were also taught – BME3032 Introduction to the Health System and HSC3011: 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.

This year saw an increase in the BBiomedSci Honours program to a total of seven students. Further, the BBiomedSci students were also involved in the summer vacation scholarship program providing them with an opportunity to join a research group and be actively involved in research, networking activities and involved with our collaborators.

Elements of Forensic Medicine

For 24 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.

SPHPM Summer Vacation Program

This year, 23 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 students currently completing degrees in Bachelor of Health Science, Bachelor of Biomedical Science and Bachelor of Medicine and Surgery as well as several health focussed double degrees. Each of the students worked with a senior researcher and their team 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, the Emergency Department and the Victorian Institute of Forensic Medicine. This year they also spent time listening and engaging with various guest speakers from the schools seminar program.

The overwhelming consensus was that the program provides 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, demonstrating to students that there are many career opportunities within medicine.



Honours Information Night at Alfred Medical Research and Education Precinct (AMREP)

Postgraduate Teaching

2014 Postgraduate Courses by Coursework

The 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.

In the Department of Epidemiology and Preventive Medicine (DEPM) students were offered programs in the following specialisations:

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

DEPM 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 at Masters, Graduate Diploma and Graduate Certificate level. The department offered 60 postgraduate units, mainly in off campus mode i.e. online plus block day attendance. The Biostatistics programs are offered as part of a national consortium of universities known as the Biostatistics Collaboration of Australia (BCA). The Master of Public Health remains the most popular program within the School of Public Health under the coordination of Dr Helen Kelsall.

Highlights of the courses in 2014

- A new university initiative was the establishment of the Monash Pearson Alliance (MPA) which saw the introduction of two new courses (Master of Health Administration and the Master of Public Health) offered by the School for the first time, commencing in teaching period four. Both courses are set up to be taught completely online and consist of 12 core units taught in a carousel model with units taught in six week teaching periods. These courses were only available to domestic students in 2014 and expect to be available to the international market in 2015.
- The introduction of the SPHPM Research and Writing Skills Program set up and taught by the staff of the Monash Library here at The Alfred as well as being available online via Moodle.
- Our course enrolments continue to grow with over 500 postgraduate students enrolled in DEPM postgraduate courses.
- Our international students who enrolled for the first time came from Bangladesh, Canada, England, Indonesia, Nigeria, Oman, Saudi Arabia, Scotland, Swaziland, Switzerland and the United States. Five of these were sponsored by AUSAID.

The Department of Forensic Medicine offered the Master of Forensic Medicine. 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.

Highlights of the courses in 2014

- There were 56 students enrolled in the course. Enrolments were from all Australian states and territories, and New Zealand, Canada and Namibia. Twelve students successfully completed their Masters, and an additional four students have taken an 'alternate exit' with a Graduate Diploma or Graduate Certificate.
- The Australian Federal Police funded scholarship program for African forensic medical practitioners has concluded. Students from Nigeria, Uganda, Kenya, Malawi and Namibia successfully completed the program.
- Two new advanced units were offered in semester 2 – Advanced Issues in Sexual Assault and Advanced Issues in Non Accidental Injury of Children.
- The odontology units introduced in 2013 have successfully run for two years. There are currently six dental students enrolled with additional students commencing in 2015.
- Unit Coordinators Emeritus Professor Louis Waller (Ethics, Medicine and the Law) and Professor Michael Levy (Custodial Medicine) who have been with the program for well over a decade each have stepped down.
- Course Coordinator Associate Professor David Wells has announced that he will be stepping down at the end of 2014 after 17 years of involvement in the program.



Course Title	Student Course Enrolments	Student Course Completions
Master of Public Health (Multimodal)		
Master of Public Health (Online)		
Total	256	79
Master of Biostatistics		
Graduate Diploma in Biostatistics		
Graduate Certificate in Biostatistics		
Total	25	2
Master of Clinical Research Methods		
Total	24	8
Master of Forensic Medicine		
Total	59	14
Master of Health Services Management (Multimodal)		
Master of Health Administrative (Online)		
Graduate Diploma in Health Services Management		
Graduate Certificate in Health Services Management		
Total	129	20
Master of International Health		
Graduate Diploma in International Health		
Total	29	12
Master of Occupational & Environmental Health		
Graduate Diploma in Occupational & Environmental Health		
Graduate Certificate in Occupational Health		
Total	43	11
Total postgraduate course enrolments and completions	566	146

as at 11/02/2015 Monash Business Intelligence Service
Website: www.med.monash.edu.au/sphpm/postgrad.html

The Sri Lankan Public Health Training Program



Dr Thilanga Ruwanpathirana tutoring the Bachelor of Health Science students

The International Public Health Training Program

SPHPM trains doctors and dentists from overseas to take-up senior roles in public health in their home country. Our main participants are from Sri Lanka. Once they complete their training most will move into key public health and administrative roles throughout their home country.

This year, we had 10 medical graduates at the SPHPM, they undertook research in the areas of Occupational Health, Rheumatology, Clinical Registries, Epidemiological Modelling, Women's Health, Global health and ASPREE. As part of their training program they visited a number of public health organisations which included the Ambulance Victoria and The Alfred Hospital. Some trainee also participated as tutors in the SPHPM undergraduate teaching program.

This program, which has been running for over 10 years within the School and is coordinated by Dr Jay Illesinghe.

Higher Degree by Research (HDR)

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

HDR students come from many clinical backgrounds, including medicine, science, physiotherapy, public health, psychology, nursing, social science and more. The progress of students is facilitated by a very strong research environment, with a broad 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. Support is also provided by the Good Research Governance Coordinator, who advises doctoral students on the development of protocols and adherence to strict research guidelines.

In 2014, Higher Degree by Research students numbered 165, including 34 new students.

These comprised 152 PhD, two MD (Doctor of Medicine), four DPH (Doctor of Public Health), three Master of Philosophy and three Master of Surgery students. By the end of 2014, 24 HDR students had been examined and passed (19 PhD, five DPH, three M Surg. Of the 24, over one third (7) were passed with no amendments.

Dr Elizabeth Douglas (elizabeth.douglas@monash.edu), PhD Program Coordinator, also provides advice and pastoral support for students. She oversees a tight and full annual review program to ensure projects are feasible and innovative and that students are progressing satisfactorily. The doctoral administrators, Ms Natalie Pekin and Ms Pamela Butt, also provide assistance and administrative support.



The 3 Minute Thesis Competition at SPHPM

The following doctoral students received awards during 2014:

Marliese Alexander

Faculty of Medicine, Nursing and Health
Science Postgraduate Excellence Award
Australian Postgraduate Award

Dr Jocasta Ball

Thesis Excellence Award (SPHPM, Monash University)

Kate Cantwell

Paramedics Australasia Best Post-graduate presentation award (Paramedics Australasia International Conference 2014)

Miller Foundation Public Health Travel award (Burnet Institute)

Susie Cartledge

2014 CVSNI Early Career Travel Stipend to attend the AHA Scientific Sessions in Chicago awarded by the American Heart Association's Council on Cardiovascular and Stroke Nursing (CVSNI).

Dr Ken Chin

Malaysian Government Scholarship

Dr Joseph Doyle

Harold Mitchell Foundation Travel Fellowship (Burnet Institute)

Young Investigator Award and Bursary (European Association for the Study of the Liver)

Christina Ekegren

Best New Investigator Award for Injury Prevention at the 'Be Active' conference in Canberra

Dr Rosanne Freak-Poli

Outstanding contribution to the Doctoral Program (SPHPM, Monash University)

Dashiell Gantner

Senior Medical Staff Prize for Clinical/Public Health Research for poster entitled 'Mortality related to after-hours discharge from Intensive Care in Australia and New Zealand, 2005–2012'

Dr Neil Glassford

Joint International Sepsis Forum/intensive Care Society (UK) award for Best Poster on sepsis at the London meeting

Fulltime Avant Doctor in Training Research scholarship

Melanie Gibson

Perinatal Society of Australia and New Zealand Early Research Career Travel Award (PSANZ)

Postgraduate Publication Award (Monash Institute of Graduate Research)

Dr Danny Hills

Thesis Excellence Award (SPHPM, Monash University)

Dr Ingrid Hopper

European Journal of Preventive Cardiology Highly Cited Paper Award which was given by the European Society of Cardiology at the EuroPrevent 2014 conference.

Travelling Fellowship to American College of Cardiology meeting.

Dr Danielle Horyniak

Thesis Excellence Award (SPHPM, Monash University).

Dr Monira Hussain

AFA-ARA Heald Fellowship (Australian Rheumatology Association & Vincent Fairfax Family Foundation).

Minh Le

Recipient of the Gerald T. Hotelling Memorial Student Research Award, the University of New Hampshire, USA, which is given to the best student research project submitted for presentation at the conference.

Christopher Morrison

Research grant (Foundation for Alcohol Research and Education).

Sameer Pathan

Hamad Medical Corporation Clinical Fellowship.

Ralph Tramm

Best Nursing Poster (ANZICS/ACCCN Intensive Care Annual Scientific Meeting).

ACCCN National Education Fund (National Nursing Forum).

Maylean Jessie Cordia Memorial Scholarship (Australian College of Nursing).

Evelyn Wong

Royal Australasian College of Physicians (RACP) Foundation Research Establishment Fellowship.

Dr Roisin Worsley

Robert Greenblatt Young Investigator Award (International Menopause Society Conference, 2014).

Victoria Mar

F. & E. Bauer Foundation Prize for best research presentation "Driver mutations: Phenotypic and prognostic significance" presented at the Australasian College of Dermatologists Annual Scientific Meeting, Melbourne, 2014.

Winda Liviya Ng

Senior Medical Staff Prize for Clinical/Public Health Research.

Baker IDI Travel Grant Award.

Baker IDI Bright-Sparks Scholarship Top Up & Monash International Postgraduate Research Scholarship.

Bethany Howard

Runner up, Young Investigator Award at the International 22nd Puijo Symposium for her research examining "Beneficial associations of light-intensity physical activity with cardio-metabolic biomarkers: NHANES 03–06".

Kylie Dyson

Faculty of Medicine Nursing and Health Sciences, Three Minute Thesis (3MT), Winner, Monash University, Three Minute Thesis (3MT), Third Place.

Cardiopulmonary, Critical Care, Perioperative and Resuscitation (3CPR) Emergency Medical Services.

(EMS) Travel Stipend to attend American Heart Association Resuscitation Science Symposium.

From Scotland to Australia – Neil Glassford talks about his PhD at SPHPM



Neil Glassford

Hailing from Edinburgh, Scotland, it is not an unusual question to ask Neil Glassford why he chose the SPHPM in Australia as the place where he would complete his PhD thesis on the “Epidemiology of fluid administration, accumulation and balance in the critically ill and relationship between intravenous fluid therapy and patient-centred outcomes”.

Working as a Registrar in Acute Care Medicine on the West of Scotland training rotation, Neil found himself giving a lot of intravenous fluid as an intensive care registrar but couldn’t find any evidence that what he was doing was working for patients, and it didn’t seem as straightforward as teaching would suggest. As Neil read more around the topic, he found that most of the literature came back to Professor Rinaldo Bellomo here at the School of Public Health and Preventive Medicine.

“After an email and a phone call, Rinaldo offered me a research fellowship here in Melbourne, and so I came and did two years of research with him and then applied for the PhD, and was very fortunate to get a scholarship which was a wonderful opportunity”.

Since being in Melbourne, Neil has continued his research, but he is still working as a clinician too.

“I still do a bit of clinical work every fortnight to maintain my registration and I think that as a clinician investigator, you have to practice clinically otherwise you lose the relevance of what you’re doing”.

“It helps you define your question and by working at the coalface, it also helps you design studies that replicate proper clinical conditions”.

Neil still has about 18 months left of his PhD, but he already has plans to pursue post-doctoral work once his degree is completed.

“I’ll go back into clinical training when I finish my PhD. How intensive care training works, is you usually work seven days on and then seven days off, and hopefully I can use those seven days off to pursue post-doctoral work”.

When asked what he likes the most about working and studying in Melbourne, Neil immediately notes that it is the easy-going nature he has noticed in his colleagues.

“I love how when you ask people to do something in Australia, the answer is 99% of the time, ‘no worries’, which is very different to Britain, where 99% of the time the answer is an excuse or reason why something can’t be done”.

Short Courses

The SPHPM Short course program ran 20 very successful short courses in 2014. These short courses aim to provide short-term, intensive educational opportunities for those seeking professional development, or as an alternative to full-time studies.

The short courses are managed by Ms Suzy Giuliano (SPHPM Short Course Manager), Ms Jane Miosge and Desmond Gul (Centre Manager, MonCOEH), and Ms Priya Devadason (Administrative Assistant, GHSU) under the direction of Professor Andrew Forbes.



Students from the November/December ACCAM course experience a 737 flight simulator at the Ansett Aviation Training centre as a part of the 2 week course

Course Title and Convenor	Description
<i>Australian Certificate of Civil Aviation Medicine (ACCAM)</i> Dr David Newman	This two week course qualifies medical practitioners to register with the Civil Aviation Safety Authority as Designated Aviation Medical Examiners (DAMEs).
<i>Biostatistics for Clinical and Public Health Researchers</i> 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.
<i>Ethics and Good Research Practice</i> 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.
<i>Health Promotion</i> Ms Nerida Joss, Dr Darshini Ayton and Mrs Ruth Klein	This five-day course for health practitioners developed knowledge and skills for health promotion planning, strategy selection and evaluation.
<i>Introduction into Systematic Reviews of Interventions</i> Ms Kelly Allen and Ms Miranda Cumpston	Students of this course receive a detailed introduction to the methods involved in conducting a systematic review of an intervention, and enable participants to plan and commence a review of their own.
<i>Introduction to Data Analysis: SPSS without tears</i> Dr Baki Billah	This short course involves students using SPSS for data analysis. Students have the opportunity to analyse real life medical data and supports for results discussion and conclusion.
<i>Introduction to Stata</i> Prof Rory Wolfe and Ms 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.
<i>Monash Certificate in Clinical Occupational Medicine</i> Dr David Fish	A short course designed for occupational medicine trainees and GPs who assess patients with work-related problems. The course objectives include (but are not limited to) providing the knowledge and skills necessary to diagnose occupational diseases, perform medical assessments, and write a medicolegal report.
<i>Overview and Update in Travel Medicine</i> A/Prof Karin Leder	This course provides practical guidance on management of travellers before and after travel, with a focus on pre-travel vaccines, management of malaria chemoprophylaxis, and other common travel-associated health issues.
<i>Qualitative Research Methods for Public Health</i> Dr Darshini Ayton	The aim of this short course is to introduce participants to the theories, concepts and practice of qualitative research.



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Dr Thilanga Ruwanpathirana

Dr Maheeka Seneviwickrama

Professor Julia Seng

Dr Nethmini Thenuwara

Dr Bhanuja Wijayatilaka

Dr Supun Wijesinghe

Appendix 1: Grants and Funding

Grants and Contracts Commencing in 2014

Source	Project Title	Names of Investigators	Duration	Amount received in 2014	Total funds
Alfred Health	Individualised interdisciplinary audio-visual summary (CareTV) of a patients management plan to improve effectiveness of transitions of care	Holton, Sara (CIA)	2014-2014	\$25,000	\$25,000
Anglicare Southern Queensland	Effects of recent amendments to Queensland gambling legislation and regulation	Livingstone, Charles H	2014-2014	\$14,200	\$14,200
Arthritis Foundation of Victoria Inc.	A systematic review project regarding consumer needs related to musculoskeletal conditions	Wluka, Anita E (CIA); Cicuttini, Flavia M; Cyril, Sheila; Joyce, Catherine M; Renzaho, Andre; Teichtahl, Andrew; Urquhart, Donna M; Wang, Yuanyuan	2014-2015	\$60,000	\$60,000
Australian and New Zealand College of Anaesthetists	Do ARDS patients with different subtypes behave differently – A PHARLAP (Permissive Hypercapnia, Alveolar Recruitment and Low Airway Pressure) sub study.	Hodgson, Carol L (CIA)	2014-2014	\$34,950	\$34,950
Australian College of Critical Care Nurses	ECMO in adults: physical and mental health after hospitalisation	Tramm, Ralph (CIA); Hodgson, Carol L; Ilic, Dragan; Pellegrino, Vincent A; Sheldrake, Jayne	2014-2014	\$7,500	\$7,500
Australian Commission on Safety and Quality in Health Care	A project to investigate the effectiveness of interventions associated with local monitoring of a draft national set of high-priority hospital complications using coded inpatient morbidity data	Evans, Susan M (CIA); McNeil, John J; Pound, Catherine M	2014-2015	\$74,475	\$74,475
Australian Menopause Society	Menopausal symptoms; prevalence and impact on the health and wellbeing of older women	Zelege, Berihun M (CIA)	2014-2015	\$20,486	\$20,486
Australian Rotary Health Research Fund	Identifying the earliest indicators of anxiety among toddlers and their mothers to inform effective early parenting interventions	Fisher, Jane RW (CIA); Rowe, Heather; Wynter, Karen H; Bayer, Jordana; Hiscock, Harriet; Michelmore, Janet H	2014-2014	\$70,000	\$70,000
	Understanding women's experiences with endometriosis	Young, Kate J (CIA)	2014-2014	\$2,607	\$2,607
BUPA Health Foundation	Optimising Outcomes in Patients with Carotid Arterial Disease	Abbott, Anne (CIA)	2014-2016	\$92,260	\$92,260
Celgene Pty Ltd (Celgene Australia)	Myeloma and related diseases Registry	Spencer, Andrew (CIA); McQuilten, Zoe	2014-2015	\$75,000	\$150,000
Deafness Foundation	ASPREE (Aspirin in Reducing Events in the Elderly) CENTRAL HEARING: Hearing and Health in a large cohort of elderly adults	Storey, Elsdon (CIA); Rance, Gary	2014-2017	\$28,444	\$28,444
Department of Health	Development of a heart failure minimum dataset including devices as part of the VCOR	Krum, Henry (CIA); Brennan, Angela L; Reid, Christopher M; Mond, Harry; Prior, David L	2014-2014	\$159,466	\$159,466
	Rapid Health Risk Assessment in relation to long term health effects from the Hazelwood open cut coal mine fires smoke	McNeil, John J (CIA); Abramson, Michael J; Demos, Lisa; Dennekamp, Martina N; Gambhir, Manoj; Priestly, Brian G; Sim, Malcolm R; Johnson, Fay	2014-2014	\$17,955	\$17,955
	A Clinical Quality Register for High Risk Breast Devices	Evans, Susan M (CIA)	2014-2015	\$1,800,000	\$1,800,000

Source	Project Title	Names of Investigators	Duration	Amount received in 2014	Total funds
Department of Veterans' Affairs	United States and Australia Joint Research Effort – Project 1 Comparative Literature Review	Sim, Malcolm R (CIA); Kelsall, Helen	2014-2014	\$69,480	\$69,480
FARE Foundation for Alcohol Research & Education	The typology, economic geography and effects of off premise alcohol outlets	Morrison, Christopher N (CIA)	2014-2014	\$13,985	\$13,985
Grand Challenges in Global Health Initiative	Saving Brains: Learning clubs for women's health and infant development	Fisher, Jane RW (CIA); Tran, Thach D	2014-2015	\$61,292	\$61,292
Heart Foundation of Australia	Preventing weight gain in women	Harrison, Cheryce L (CIA)	2014-2015	\$75,000	\$75,000
	Improving outcomes in pulmonary hypertension and heart failure	Burrell, Aidan JC (CIA)	2014-2018	\$20,000	\$20,000
Lawley Pharmaceuticals	An Open label, Phase 2, single centre, randomised, crossover pharmacokinetic study assessing two application areas of 0.5ml (5mg) ANDROFEMEA cream in healthy postmenopausal women	Davis, Susan R (CIA)	2014-2015	\$9,091	\$29,994
Melbourne IVF	Understanding women's experiences of egg freezing to inform health care	Fisher, Jane RW (CIA)	2014-2014	\$50,000	\$50,000
Movember Australia	Movember Prostate Cancer Health Outcomes Research Unit	McNeil, John J (CIA); Evans, Susan M; Millar, Jeremy L	2014-2016	\$125,000	\$125,000
	Australian Prostate Cancer Clinical Registry	Evans, Susan M (CIA); McNeil, John J; Millar, Jeremy L	2014-2016	\$473,562	\$473,562
	Australian Prostate Cancer Clinical Registry – Jurisdictional sites	Evans, Susan M (CIA); McNeil, John J; Millar, Jeremy L	2014-2016	\$1,000,000	\$1,000,000
National Blood Authority	Determining the frequency, costs and outcomes of blood products transfusion across procedures and clinical conditions within Australia	Higgins, Alisa (CIA); Bailey, Michael J; Cooper, David J; McQuilten, Zoe; Wood, Erica M; McJames, Leigh; Morgan, Susan	2014-2014	\$31,000	\$31,000
National Breast Cancer Foundation	Breast Cancer in Pregnancy: Surveillance, Management, Outcomes and Experiences	Hammarberg, Karin (CIA); Fisher, Jane RW	2014-2014	\$18,000	\$18,000
National E-Health Transition Authority Limited, Sydney (NEHTA)	Evaluation of the value of Electronic Healthcare records in Victorian Healthcare services	Wilson, John (CIA)	2014-2014	\$99,800	\$99,800
National Health & Medical Research Council (NHMRC)	Investigating the use of metformin for the prevention of endometrial cancer	Davis, Susan R (CIA); Bell, Robin J; Brown, Kristy A	2014-2016	\$196,843	\$196,843
	Outcomes after serious injury: What is the recovery trajectory and how do the priorities for treatment and disability services change over time?	Gabbe, Belinda J (CIA); Cameron, Peter; Collie, Alexander; Ponsford, Jennie L; Ameratunga, Shanthi; Harrison, James; Lyons, Ronan A	2014-2017	\$209,573	\$209,573
	The ASPREE-fracture sub-study: Does daily low-dose aspirin reduce fracture risk in healthy older adults?	Barker, Anna (CIA); McNeil, John J; Ward, Stephanie; Khosla, Sundeep; Sanders, Kerrie M	2014-2018	\$458,751	\$458,751
	A study of Statins for reducing events in the elderly	Zoungas, Sophia (CIA); McNeil, John J; Storey, Elsdon; Tonkin, Andrew M; Ward, Stephanie; Wolfe, Rory SJ; Abhayaratna, Walter; Beilin, Lawrence J; Nelson, Mark R	2014-2018	\$1,187,708	\$1,187,708
	Clinical effectiveness of aspirin in healing chronic venous leg ulcers: a randomised double-blinded placebo-controlled trial	Weller, Carolina D (CIA); Barker, Anna; Haines, Terrence P; Ward, Stephanie; Darby, Ian A; Underwood, Martin R	2014-2017	\$317,289	\$317,289

Source	Project Title	Names of Investigators	Duration	Amount received in 2014	Total funds
National Health & Medical Research Council (NHMRC)	Addressing missing links in the care of older people to improve practice and outcomes: program efficacy, implementation effectiveness and knowledge translation	Barker, Anna (CIA)	2014-2017	\$68,628	\$68,628
	Preventing and treating significant infections in the community and in hospitals	Cheng, Allen C (CIA)	2014-2018	\$35,867	\$35,867
	Improving the prevention and outcomes of knee and hip osteoarthritis	Wang, Yuanyuan (CIA)	2014-2017	\$94,363	\$94,363
	New approaches to the prevention and treatment of Musculoskeletal Disease	Wluka, Anita E (CIA)	2014-2017	\$104,375	\$104,375
	Improving early recognition and response to symptoms in acute cardiovascular events.	Bray, Janet E (CIA)	2014-2017	\$71,329	\$71,329
	Methodological research in meta-analysis and evidence synthesis: Strengthening research for translation	McKenzie, Joanne E (CIA)	2014-2018	\$32,649	\$32,649
	Acute traumatic coagulopathy-mechanisms and measurement	Mitra, Biswadev (CIA)	2014-2017	\$42,540	\$42,540
	Improving outcomes for patients with critical bleeding requiring massive transfusion	Cooper, David J (CIA); Barker, Anna; Cameron, Peter; McQuilten, Zoe; Wood, Erica M; Zatta, Amanda J; French, Craig; Isbister, James P; McLintock, Claire K; Stanworth, Simon	2014-2016	\$212,854	\$212,854
	Can vitamin D prevent diabetes by improving insulin sensitivity and secretion in overweight humans?	Walker, Karen Z (CIA); De Courten, Barбора; De Courten, Maximilian F; Scragg, Robert	2014-2016	\$211,280	\$211,280
	Screening Evaluation of the Evolution of New Heart Failure (SCREEN-HF) Extension Study	Krum, Henry (CIA); Campbell, Duncan J; Prior, David	2014-2015	\$250,000	\$250,000
	Platform for European Preparedness Against Re-emerging Epidemics (PREPARE)	Webb, Steven (CIA)	2014-2015	\$135,000	\$135,000
	Evaluation of the effectiveness of current public health messages to reduce exposure to smoke from bushfires or planned burns	Dennekamp, Martina N (CIA); Cowie, Christine; Johnston, Fay H; Reisen, Fabienne	2014-2014	\$20,000	\$20,000
	Determining the effect of nutrition therapy in critically ill patients	Ridley, Emma J (CIA)	2014-2016	\$32,252	\$32,252
	Paramedic competency and exposure to resuscitation skills: does it make a difference?	Dyson, Kylie (CIA)	2014-2015	\$32,252	\$32,252
	Analysis of effect of different treatment targets on maternal and child health outcomes in Gestational Diabetes Mellitus (GDM)	Abell, Sally (CIA)	2014-2016	\$36,906	\$36,906
	Understanding women's experiences with endometriosis	Young, Kate J (CIA)	2014-2016	\$25,526	\$25,526
	Investigating role of insulin resistance and sympathetic nervous system in metabolic features of PCOS.	Shorakae, Soulmaz (CIA)	2014-2016	\$41,283	\$41,283
	Does pneumococcal vaccination protect against cardiovascular disease? A randomised placebo-controlled double blind trial	Tonkin, Andrew M (CIA); Attia, John	2014-2014	\$174,977	\$174,977

Source	Project Title	Names of Investigators	Duration	Amount received in 2014	Total funds
National Health & Medical Research Council (NHMRC)	NHMRC Equipment Grant – A robotic system for biomarker assay automation: JANUS Expanded, 8 Tip VariSpan, 96-head MDT, Gripper Integration Platform	McNeil, John J (CIA)	2014-2014	\$160,000	\$160,000
National Stroke Foundation	2014 Campaign Evaluation	Bray, Janet E (CIA)	2014-2014	\$64,662	\$64,662
Novartis Pharmaceuticals Australia Pty Ltd	Cardiorenal Syndrome Study	Krum, Henry (CIA); Kompa, Andrew R	2014-2016	\$150,000	\$150,000
Prostate Cancer Foundation of Australia	Why are mortality rates for men with prostate cancer higher in Gippsland than in most other Victorian Integrated Cancer Services?	Evans, Susan M (CIA)	2014-2014	\$43,953	\$43,953
	Examining the interactions between General Practitioners and prostate cancer patients in Gippsland area	Ruseckaite, Rasa (CIA); Evans, Susan M; Millar, Jeremy L	2014-2015	\$47,007	\$47,007
Royal Australasian College of Physicians	A study of patient flow through inpatient rehabilitation and potential for improvements	New, Peter W (CIA)	2014-2014	\$17,500	\$17,500
Sanofi-Aventis Australia Pty Ltd	SPLEENIE APP: Creating an immunisation management and education app for assisting splenectomised/hyposplenic individuals	Leder, Karin S (CIA)	2014-2014	\$15,000	\$15,000
	Aplastic Anaemia Registry	Wood, Erica M (CIA)	2014-2014	\$30,000	\$30,000
Thalassaemia Society of NSW	Haemoglobinopathy Registry (HbR)	Wood, Erica M (CIA); Morgan, Meredith J	2014-2014	\$22,727	\$22,727
The Jack Brockhoff Foundation	Risk and protective factors for father-infant attachment at 6 months postpartum	Wynter, Karen H (CIA); Fisher, Jane RW; Rowe, Heather	2014-2014	\$31,090	\$31,090
Victorian Assisted Reproductive Treatment Authority (VARTA)	Survey of Primary Health Care Nurses' knowledge, attitudes and practice relating to modifiable factors that affect fertility	Hammarberg, Karin (CIA); Fisher, Jane RW	2014-2014	\$7,000	\$7,000
World Health Organization	Develop regional strategic technical papers on key topics on adolescent health	Fisher, Jane RW (CIA)	2014-2014	\$16,230	\$16,230
Zimmer Pty Ltd	Incidence and costs of non-union, delayed union and mal-union two years following fractures of the humerus, tibia and femur	Gabbe, Belinda J (CIA)	2014-2015	\$17,055	\$17,055
	UNKNOWN		2014-2014	\$185,917	\$185,917

Grants and Contracts Continuing in 2014

Source	Project Title	Names of Investigators	Duration	Amount received in 2014	Total funds
Alcoa of Australia Ltd	Healthwise Study	Sim, Malcolm R (CIA); Abramson, Michael J; Benke, Geza P; Del Monaco, Anthony; Dennekamp, Martina N	1995-2015	\$207,370	\$4,961,544
Alexion Pharmaceuticals Australasia Pty Ltd	Aplastic Anaemia Registry	Wood, Erica M (CIA)	2011-2014	-\$86,900	\$35,700
	Thrombotic Thrombocytopenic Purpura (TTP) Registry	Wood, Erica M (CIA)	2013-2014	\$92,600	\$92,600
Allergan Australia Pty Ltd	Weight Loss and Overweight Person with Diabetes	Brown, Wendy A (CIA)	2013-2014	\$226,000	\$426,000
Alzheimer's Australia	A randomised controlled trial of MAXCOG: an individualised early intervention program for people with Mild Cognitive Impairment or Early Dementia and their family supporters	Regan, Bridget J (CIA)	2013-2014	\$18,795	\$68,795
	Evaluation of Your Brain Matters	Smith, Benjamin J (CIA)	2012-2016	\$40,000	\$150,000
Ambulance Victoria	Long term survival and quality of life outcomes for VACAR patients	Cameron, Peter (CIA)	2010-2014	\$1,072	\$7,112
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; Wolfe, Rory SJ; Zaini, Anuar; Absetz, Pilvikki; Audehm, Ralph; Carter, Robert C; Dunbar, James A; Johnson, Greg J; Reddy, Prasuna	2009-2014	\$85,801	\$882,487
Arthritis Australia	Association between urinary C-telopeptide fragments of type II collagen levels and knee structure in community-based adults	Teichtahl, Andrew (CIA); Wang, Bing H; Wang, Yuanyuan	2013-2014	\$12,500	\$12,500
Arthritis Foundation of Victoria Inc.	An evaluation of the Arthritis Victoria Waves program	Barker, Anna (CIA)	2012-2014	\$14,427	\$57,764
AstraZeneca United Kingdom Ltd	Studies to determine the efficacy of AstraZeneca compounds modulating monocyte-inflammatory axes in a rat model of cardiorenal syndrome	Krum, Henry (CIA); Kompa, Andrew R; Wang, Bing H; Kelly, Carren	2013-2014	\$25,850	\$227,300
Australasian Fire and Emergency Service Authorities Council Ltd	A Retrospective Cancer and Mortality Cohort Study of Australian Firefighters	Glass, Deborah C (CIA); Blackman, Jillian F; Sim, Malcolm R	2008-2014	\$100,000	\$1,480,800
Australian Institute of Petroleum Ltd	Health Watch	Sim, Malcolm R (CIA); Glass, Deborah C	2005-2014	\$234,700	\$2,307,927
Australian Orthopaedic Association	Are metal-on-metal hip replacements associated with an increased cancer risk? A nationwide cohort study	Wang, Yuanyuan (CIA); Cicuttini, Flavia M; Graves, Stephen; Pratt, Nicole; Wood, David	2013-2014	\$22,727	\$22,727
Australian Research Council (ARC)	The impact of the ageing workforce on work injury and compensation systems in Australia	Smith, Peter M (CIA)	2012-2014	\$138,953	\$403,639
	Reducing the social, economic and health burden associated with obesity-related chronic diseases among socio-economically disadvantaged populations	Renzaho, Andre (CIA)	2011-2015	\$197,553	\$676,807

Source	Project Title	Names of Investigators	Duration	Amount received in 2014	Total funds
Australian Research Council (ARC)	Enhancing health literacy to optimise health equality across Victorian communities	Buchbinder, Rachelle (CIA); Osborne, Richard H; Beauchamp, Alison J	2013-2015	\$6,163	\$18,490
	Elucidating the increasing demand for genital cosmetic surgery among girls and women in Australia	Kirkman, Maggie (CIA); Dobson, Amy RS; Fisher, Jane RW; Souter, Kay; Butera, Rita G; Casper, Gabrielle R; Dally, Genevieve; Farrell, Elizabeth F; L'Huillier, Elsie; Malone, Jessica; Michelmores, Janet H; Tomlinson, Jillian; Vollenhoven, Beverley J; Yap, Desiree	2013-2016	\$119,197	\$189,726
	Understanding individual, workplace and system level influences on return to work in a changing Australian labour market	Sim, Malcolm R (CIA); Smith, Peter M; Lamontagne, Anthony D; Browne, Tracey M; Fitzpatrick, Therese M; Hill, Julie; Hogg-Johnson, Sheilah; Lilley, Rebbecca; McConnell-Lynch, Helen; Ryan, Susan	2013-2016	\$299,231	\$374,266
	Community Capacity Building for Healthy Lifestyles (CBHL) initiative: Engaging communities in childhood obesity prevention in disadvantaged areas	Renzaho, Andre (CIA); Oldenburg, Brian F; Mellor, David J; Polonsky, Michael J; Green, Julie B; Horton, Kellie; Nicholson, Jan	2013-2016	\$135,032	\$188,717
	Harnessing recreational infrastructure to improve physical activity and community well-being	Smith, Benjamin J (CIA); Mahal, Ajay S; Newton, Fiona J; Bauman, Adrian; Donovan, Robert J; Ewing, Michael; MacKay, Bruce J	2013-2016	\$59,129	\$95,224
	Developing culturally relevant social marketing interventions to increase blood donation amongst migrant communities: the case of African migrants	Renzaho, Andre (CIA); Jones, Sandra C; Polonsky, Michael J; Smith, Geoff V	2013-2015	\$0	\$58,295
Baxter Healthcare Corporation	Supplemental parenteral Nutrition in Critically Ill Patients: A Pilot Randomized Controlled Study	Davis, Andrew (CIA); Cooper, David J	2012-2014	\$204,503	\$269,463
Bristol-Myers Squibb Australia Pty Ltd	Forxiga prescription event monitoring program PEMP	Zoungas, Sophia (CIA); Reid, Christopher M	2013-2014	\$1,121,700	\$1,121,700
BUPA Health Foundation	Improving the health of Australian women at midlife	Davis, Susan R (CIA); Bell, Robin J; Kulkarni, Jayashri; Panjari, Mary	2013-2015	\$100,000	\$200,000
Bushfire CRC Ltd	Smoke impacts on community health and social perceptions	Dennekamp, Martina N (CIA); Abramson, Michael J; Jalaludin, Bin; Johnston, Fay; Lyth, Anna; Marks, Guy B; Morgan, Geoff; Reisen, Fabienne	2012-2015	\$70,000	\$260,000
Cancer Australia	Pilot of a population-based prostate cancer clinical registry	Millar, Jeremy L (CIA); Davis, Ian; McNeil, John J; Bolton, Damien M; Costello, Anthony J; Giles, Graham G	2010-2014	\$5,625	\$165,625
Cardiac Society of Australia & New Zealand	ANZSCTS Surgical Database Program	Reid, Christopher M (CIA)	2011-2015	\$486,410	\$1,637,816
Colorectal Surgical Society of Australia and New Zealand	Bi-National Colorectal Cancer Audit	Reid, Christopher M (CIA)	2011-2014	\$7,000	\$65,000
Country Fire Authority (CFA)	CFA Fiskville Cancer Incidence and Mortality Study	Glass, Deborah, C (CIA); Pircher, Sabine	2012-2014	\$1,800	\$51,800

Source	Project Title	Names of Investigators	Duration	Amount received in 2014	Total funds
Department of Health	Cardiac procedures registry in Victoria	McNeil, John J (CIA); Reid, Christopher M; Tonkin, Andrew M	2011-2014	\$350,000	\$955,000
	Clinical Outcomes Registry for Chronic Kidney Disease (CKD)	Walker, Rowan (CIA); McNeil, John J; Wood, Erica M	2013-2014	\$200,000	\$350,000
	Implementation of the Healthy Lifestyle Program (HeLP-her) in Victorian Communities	Lombard, Catherine B (CIA); Teede, Helena J	2012-2014	\$90,445	\$144,993
Department of Health and Ageing	Andrology Australia (Australian Centre of Excellence in Male Reproductive Health)	Holden, Carol (CIA)	2004-2014	\$1,037,411	\$11,586,423
	FluCAN: Maintaining an Australian sentinel hospital surveillance system for severe influenza	Cheng, Allen C (CIA)	2012-2014	\$499,065	\$1,106,227
	Advancing perinatal mental health to diverse audiences with interactive social media applications	Fisher, Jane RW (CIA); Rowe, Heather	2013-2015	\$148,141	\$148,141
Department of Human Services and Transport Accident Commission	The Operation and Utilisation of the Victorian State Trauma Registry	Gabbe, Belinda J (CIA); McNeil, John J; Cameron, Peter	2005-2016	\$844,640	\$9,391,629
Department of Social Services	Communities for Children (CfC) Direct Service	Fisher, Jane RW (CIA); Rowe, Heather	2011-2015	\$205,093	\$618,677
Department of Veterans' Affairs	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 (CIA); Blackman, Jillian F; Kelsall, Helen	2009-2014	\$278,831	\$1,559,489
European Commission	Collaborative European NeuroTrauma Effectiveness Research in TBI (CENTER-TBI)	Cooper, David J (CIA)	2013-2020	\$26,038	\$52,342
Finkel Foundation	Finkel Chair in Global Health	Oldenburg, Brian F (CIA)	2008-2014	\$36,170	\$3,024,489
Heart Foundation of Australia	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
	Effect of Renal Sympathetic Denervation on Glycemic Status Independent of Blood Pressure-Lowering	Krum, Henry (CIA); Bailey, Michael J; McConell, Glenn; Schlaich, Markus; Shaw, Jonathan	2013-2015	\$113,656	\$129,892
Horne Family Charitable Foundation, Canada via Scotia Private Client Group (Bank of Nova Scotia Trust Company)	Health outcomes and lifestyle interventions in a sample of people with multiple sclerosis: The HOLISM study	Jelinek, George A (CIA)	2013-2014	\$100,947	\$153,099
Institute for Safety, Compensation, Recovery and Research (ISCRRI)	Victorian Orthopaedic Trauma Outcomes Registry (VOTOR)	Cameron, Peter (CIA); Gabbe, Belinda J	2013-2016	\$403,373	\$1,663,415
	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	2012-2014	-\$17,656	\$22,344
	Understanding How Hypothermia Impairs Coagulation in Severe TBI Patients	Cooper, David J (CIA); Murray, Lynnette J; Rosenfield, Jeffrey; Trapani, Tony	2012-2014	\$10,000	\$50,000
Medibank Private	Victorian cardiac outcome registry (VCOR)	McNeil, John J (CIA); Reid, Christopher M; Tonkin, Andrew M	2011-2014	\$301,455	\$1,201,455

Source	Project Title	Names of Investigators	Duration	Amount received in 2014	Total funds
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)	2012-2014	\$18,997	\$79,923
National Health & Medical Research Council (NHMRC)	Improving the prevention and clinical management of infectious diseases	Cheng, Allen C (CIA)	2011-2014	\$14,498	\$232,062
	Ensuring breakthrough includes follow-through: Developing and testing methods to increase uptake of research in practice	O'Connor, Denise A (CIA)	2010-2015	\$74,780	\$264,568
	NHMRC Research Fellowship	Davis, Susan R (CIA)	2008-2017	\$162,790	\$1,000,017
	NHMRC Research Fellowship	Reid, Christopher M (CIA)	2008-2017	\$134,974	\$827,019
	NHMRC Practitioner Fellowship	Cameron, Peter (CIA)	2009-2015	\$16,857	\$294,864
	National Centre for Intensive Care Research (NCICR)	Bellomo, Rinaldo; Cooper, David J; Finfer, Simon R; Myburgh, John A	2005-2015	\$535,183	\$3,584,892
	Prevention and treatment of chronic heart and kidney disease via epidemiological, pharmacological device and cell-based approaches	Krum, Henry (CIA); Reid, Christopher M; Kelly, Darren J	2010-2014	\$836,972	\$3,898,843
	Risk of brain cancer from exposure to radiofrequency fields in childhood and adolescence	Sim, Malcolm R (CIA); Benke, Geza P; Armstrong, Bruce K; Milne, Elizabeth	2009-2014	\$12,183	\$708,426
	A randomised controlled trial of prophylactic hypothermia in severe traumatic brain injury	Cooper, David J (CIA); Bernard, Stephen A; Cameron, Peter; Nichol, Alistair D; Myburgh, John A; Presneill, Jeffrey	2009-2014	\$14,575	\$2,061,507
	A randomised, placebo-controlled trial of erythropoietin in ICU patients with traumatic brain injury	Bellomo, Rinaldo (CIA); Cooper, David J; Nichol, Alistair D; French, Craig J; Presneill, Jeffrey; Street, Alison M	2009-2014	\$12,474	\$1,950,736
	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	2009-2014	-\$113,266	\$825,367
	NHMRC 2005 S/Ship - Mr N Walsh M15001: NHMRC Public Health P/G Research Scholarship Awardee: Nicholas Walsh Project No: 334275 Supervisor: Prof J McNeil	McNeil, John J (CIA)	2005-2014	\$243	\$78,912
	NHMRC Public Health Postgraduate Research Scholarship #-579709 -Alisa Higgins	Higgins, Alisa (CIA)	2009-2014	-\$1,735	\$114,236
	NHMRC Practitioner Fellowship	Buchbinder, Rachelle (CIA)	2005-2019	\$110,133	\$928,128
	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; Ames, David J; Budge, Marc M; Wong, Tien Y	2008-2014	\$76,538	\$239,001
	The psychosocial work environment and workplace sedentary behaviour as risk factors for type 2 diabetes and CVD.	Keegel, Tessa G (CIA)	2010-2014	\$1,592	\$237,361
	NHMRC Dora Lush Postgraduate Research Scholarship – Catherine Chamberlain	Chamberlain, Catherine R (CIA)	2010-2014	\$18,814	\$115,175
	POISE-2: A large, international, placebo-controlled, factorial trial to assess the impact of clonidine and aspirin in patients undergoing noncardiac surgery who are at risk of a perioperative cardiova	Myles, Paul (CIA); Leslie, Kate; Chan, Matthew T; Chow, Clara; Paech, Michael; Story, David A	2011-2015	\$242,183	\$925,363

Source	Project Title	Names of Investigators	Duration	Amount received in 2014	Total funds
National Health & Medical Research Council (NHMRC)	Kerala Diabetes Prevention Program (K-DPP): A cluster RCT of its effectiveness and cost-effectiveness	Oldenburg, Brian F (CIA); Hollingsworth, Bruce P; Jolley, Damien J; Tapp, Robyn J; Zimmet, Paul Z; Fisher, Edwin B; Thankappan, Kavumpurathu	2011-2015	-\$107,774	\$576,170
	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; Botti, Mari A; Brauer, Sandra; Hill, Keith D	2011-2014	\$26,400	\$1,217,941
	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; Osborne, David; Lahra, Monica; Laopaiboon, Malinee; Lumbiganon, Pagakrong	2011-2015	\$145,349	\$1,012,810
	The RINSE trial: the rapid infusion of cold normal saline by paramedics during CPR	Bernard, Stephen A (CIA); Cameron, Peter; Smith, Karen L; Finn, Judith; Jacobs, Ian G	2011-2014	\$113,897	\$513,085
	Mediterranean diet and mortality: Analysis of longitudinal dietary patterns using newly developed statistical methods	Forbes, Andrew B (CIA); Gurrin, Lyle C; Hodge, Allison M; Simpson, Julie A	2011-2014	\$7,540	\$340,548
	Third Euro-Australian respiratory health survey	Abramson, Michael J (CIA); Benke, Geza P; Dharmage, Shyamali C; Thompson, Bruce R	2011-2014	\$11,529	\$355,899
	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)	2011-2014	\$102,798	\$392,783
	Optimising prevention and therapeutic strategies for low back pain and disability	Urquhart, Donna M (CIA)	2011-2016	\$74,990	\$268,867
	Behavioural and microbial risk factors associated with the development of bacterial vaginosis in young women	Bilardi, Jade E (CIA)	2011-2020	\$17,688	\$117,554
	National prospective cohort study on transfusion practice and patient outcomes in the setting of critical bleeding and massive transfusion.	Zatta, Amanda J (CIA)	2020-2014	\$2,727	\$221,351
	NHMRC Practitioner Fellowship	Krum, Henry (CIA)	2012-2016	\$91,810	\$263,479
	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	\$214,786	\$743,095
	Immunological and respiratory effects among workers exposed to engineered nanoparticles	Glass, Deborah C (CIA); Abramson, Michael J; Dennekamp, Martina N; Sim, Malcolm R	2012-2014	\$80,529	\$507,642
	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; Clarke, David M; Forbes, Andrew B; Hollingsworth, Bruce P; McKenzie, Dean P; Hare, David L; Sanderson, Kristy; Taylor, Craig B	2012-2015	\$46,246	\$558,505
	The SNORE-ASA study: A study of neurocognitive outcomes, radiological and retinal effects of Aspirin in sleep apnoea	Storey, Elsdon (CIA); Hamilton, Garun; Naughton, Matthew; Woods, Robyn L; Janke, Andrew; Kawasaki, Ryo; Ward, Stephanie	2012-2016	\$14,667	\$494,708

Source	Project Title	Names of Investigators	Duration	Amount received in 2014	Total funds
National Health & Medical Research Council (NHMRC)	Improving the measurement of non-fatal injury burden – validating the GBD methods	Gabbe, Belinda J (CIA); Jolley, Damien J; Ameratunga, Shanthi; Derrett, Sarah; Harrison, James; Lyons, Ronan A; Polinder, Suzanne; Rivara, Frederick P	2012-2014	\$5,227	\$155,444
	STandaRd Issue TrANsfusion versuS Fresher red blood cell Use in intenSive carE (TRANSFUSE) – a randomised controlled trial.	Cooper, David J (CIA); Bellomo, Rinaldo; Nichol, Alistair D; French, Craig J; Street, Alison M	2012-2015	\$873,336	\$2,128,225
	A multi-centre RCT of an Open Lung Strategy including Permissive Hypercapnia, Alveolar Recruitment, and Low Airway Pressure in patients with ARDS	Cooper, David J (CIA); Nichol, Alistair D; Davies, Andrew R; Hodgson, Carol L; Bersten, Andrew D; Fraser, John	2012-2015	\$277,419	\$773,399
	A brief couple-focussed psychoeducational intervention to prevent postnatal mental health problems in women: a cluster randomised trial.	Fisher, Jane RW (CIA); Lorgelly, Paula K; Ranasinha, Sanjeeva; Rowe, Heather; Proimos, Jenny	2012-2014	\$233,339	\$684,150
	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); Forbes, Andrew B; Gibson, Stephen J; Sim, Malcolm R; Wluka, Anita E; Van Tulder, Maurits	2012-2014	\$125,325	\$296,035
	The Australasian Resuscitation in Sepsis Evaluation – Randomised Controlled Trial – continuation funding request	Bellomo, Rinaldo (CIA); Cameron, Peter; Cooper, David J; Delaney, Anthony; Holdgate, Anna; Peake, Sandra L; Webb, Steven	2012-2014	\$15,089	\$358,938
	Improving health in indigenous adolescents	Boyle, Jacqueline (CIA)	2011-2014	\$84,758	\$325,468
	Further development, evaluation and dissemination of the chinese peers for progress diabetes program	Zhong, Xue F (CIA)	2012-2015	\$64,578	\$219,961
	Investigating healing outcomes in people with venous ulcers: a randomised controlled trial	Weller, Carolina D (CIA)	2012-2015	\$77,515	\$222,457
	Australian Resuscitation Outcomes Consortium (AUS - ROC) CRE	Finn, Judith (CIA); Cameron, Peter; Bernard, Stephen A; Tonkin, Andrew M; Jacobs, Ian G; Smith, Karen L; Thompson, Peter L	2012-2016	\$267,346	\$1,066,743
	Intensive care management and quality of survival of acute respiratory distress syndrome	Hodgson, Carol L (CIA)	2012-2015	\$77,515	\$222,457
	Preventing weight gain in reproductive aged women living in rural communities	Bobevski, Irene (CIA)	2012-2014	\$28,198	\$78,950
	Centre for Informing Policy in Health with Evidence from Research (CIPHER)	Green, Sally E (CIA); D'Este, Catherine A; Louviere, Jordan; Redman, Sally	2011-2015	\$0	\$302,960
	Modifying Gut Bacteria with Dietary Supplements to Prevent or Slow the Development of Type 2 Diabetes	Kellow, Nicole (CIA)	2012-2015	\$35,516	\$99,652
	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	\$47,646	\$134,071

Source	Project Title	Names of Investigators	Duration	Amount received in 2014	Total funds
National Health & Medical Research Council (NHMRC)	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	\$256,432	\$580,678
	NHMRC Medical & Dental Postgraduate Research Scholarship – Zoe McQuilten	McQuilten, Zoe (CIA)	2011-2014	-\$5,641	\$69,707
	Polypharmacy in Heart Failure – Ingrid Hopper	Hopper, Ingrid K (CIA)	2012-2014	\$29,955	\$93,229
	NHMRC Medical & Dental Postgraduate Research Scholarship – Anju Joham	Joham, Anju E (CIA)	2012-2014	\$31,958	\$105,325
	Centre of Research Excellence for patient blood management in critical illness and trauma	Cooper, David J (CIA); Bellomo, Rinaldo; Cameron, Peter; McNeil, John J; Myles, Paul; Phillips, Louise E; Webb, Steven; French, Craig J; Isbister, James P; Reade, Michael C	2012-2017	\$486,998	\$965,638
	NHMRC Practitioner Fellowship	Cooper, David J (CIA)	2013-2017	\$78,667	\$149,671
	NHMRC Practitioner Fellowship	Teede, Helena J (CIA)	2013-2017	\$78,695	\$149,724
	Banking on the future: Establishing evidence for policy, protocols, and patient care relating to storage of reproductive material before treatment for cancer	Fisher, Jane RW (CIA); Hammarberg, Karin; Kirkman, Maggie; McLachlan, Robert I; Rombauts, Luk; Vollenhoven, Beverley J; Gook, Debra A; Stern, Catharyn	2013-2015	\$195,767	\$343,236
	Modelling of Clinic and Ambulatory Blood Pressure on Cardiovascular Risk and Outcomes	Reid, Christopher M (CIA); Owen, Alice J; Williamson, Elizabeth J; Ademi, Zanfina; Liew, Danny YH	2013-2014	\$67,449	\$128,329
	The Aspirin To Inhibit SEPSIS (ANTISEPSIS) trial; an ASPREE substudy to measure the benefit of low dose aspirin in the prevention of severe sepsis.	Leder, Karin S (CIA); Pilcher, David; Wolfe, Rory SJ; Woods, Robyn L; Eisen, Damon P; McBryde, Emma	2013-2017	\$75,215	\$155,631
	The influence of anaesthetic depth on patient outcome after major surgery	Myles, Paul (CIA); Leslie, Kate; Chan, Matthew T; Corcoran, Tomas; Paech, Michael; Short, Timothy G	2013-2017	\$732,120	\$1,342,822
	Early Goal-Directed Sedation compared with standard care in mechanically ventilated critically ill patients: a prospective multicentre randomised controlled trial.	Bailey, Michael J (CIA); Bellomo, Rinaldo; Howe, Belinda D; Shehabi, Yahya; McArthur, Colin; Reade, Michael C; Seppelt, Ian M	2013-2017	\$681,372	\$1,088,975
	Does statin use have a disease modifying effect in symptomatic knee osteoarthritis? A multicentre randomised, double-blind, placebo-controlled trial	Wang, Yuanyuan (CIA); Cicuttini, Flavia M; Tonkin, Andrew M; Ding, Changhai; Hill, Catherine; Jones, Graeme	2013-2015	\$206,010	\$398,212
	Comparative effectiveness of ultrasound-guided injection with either autologous platelet rich plasma or glucocorticoid for ultrasound-proven lateral epicondylitis: a three-arm randomised	Buchbinder, Rachelle (CIA); Harris, Anthony H; Staples, Margaret	2013-2015	\$175,243	\$340,577
	Low dose aspirin and age-related macular degeneration: randomised controlled trial	McNeil, John J (CIA); Woods, Robyn L; Guymer, Robyn H; Robman, Luba R	2013-2017	\$90,746	\$369,760
	Quantifying the burden, understanding the predictors, and improving the outcomes of non-fatal injury	Gabbe, Belinda J (CIA)	2013-2016	\$113,704	\$216,334
	Investigating rising demand for emergency health care with an ageing population	Lowthian, Judy (CIA)	2013-2016	\$77,222	\$147,478
	Centre of Research Excellence in Medical Workforce Dynamics	Joyce, Catherine M (CIA); Humphreys, John S; Kalb, Guyonne R; Scott, Anthony	2012-2016	\$102,071	\$297,380

Source	Project Title	Names of Investigators	Duration	Amount received in 2014	Total funds
National Health & Medical Research Council (NHMRC)	The Diabetes Renal Project: Better Outcomes for Patients with Diabetes and Chronic Kidney Disease	Zoungas, Sophia (CIA); Kerr, Peter; Polkinghorne, Kevan R; Russell, Grant M; Teede, Helena J; Walker, Rowan; Cass, Alan; Fulcher, Gregory R; Gallagher, Martin P; Johnson, Greg J	2012-2015	\$177,910	\$437,619
	A multi-centre RCT to prevent secondary falls in older people presenting to the emergency department with a fall	Barker, Anna (CIA); Cameron, Peter; Haines, Terrence P; Lowthian, Judy; Forbes, Andrew B; Arendts, Glenn; Flicker, Leon; Hill, Keith D; Redfern, Julie; Waldron, Nicholas G	2013-2015	\$885,223	\$885,223
	Quantifying the microbial health risks of expanded alternative water use	O'Toole, Joanne E (CIA)	2012-2015	\$77,258	\$165,192
	Victoria MAR – NHMRC Postgraduate Research Scholarship	Mar, Victoria J (CIA)	2012-2014	\$20,641	\$74,704
	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; Bowen, David; Brown, Douglas J; Harrison, James; Lyons, Nigel; Marshall, Ruth; Middleton, James	2012-2015	\$87,519	\$213,464
	Centre for Air Quality and Health Research Evaluation (CAR) Postdoctoral Fellowship	Dennekamp, Martina N (CIA)	2012-2016	\$21,117	\$159,225
	Polycystic Ovary Syndrome: Targeting the sympathetic nervous system to improve outcomes	Teede, Helena J (CIA); Lambert, Gavin W	2012-2014	\$63,777	\$191,331
	Rural Help Her NHMRC Public Health Postgraduate Research Scholarship – Samantha Kozica	Kozica, Samantha (CIA)	2012-2014	\$35,401	\$66,779
	Bone marrow lesions and osteoarthritis	Wluka, Anita E (CIA)	2013-2015	\$5,000	\$17,000
	Centre for Population Health Research on Electromagnetic Energy	Abramson, Michael J (CIA); Benke, Geza P; Sim, Malcolm R; Croft, Rodney J; Crozier, Stuart; Vermeulen, Roel; Wiedemann, Peter	2013-2018	\$287,117	\$374,975
	Cochrane musculoskeletal group	Buchbinder, Rachelle (CIA); Johnston, Renea; Martin, Elizabeth; Winzenberg, Tania M	2013-2015	\$60,000	\$120,000
	Evidence based health advice for the National Health and Medical Research Council on Natural Therapies	Green, Sally E (CIA); McDonald, Steven; McKenzie, Joanne E	2013-2014	\$31,258	\$51,552
	Conducting and using health service evaluations in the field	Morello, Renata (CIA)	2013-2015	\$34,901	\$66,279
	The gender specific health needs of women with chronic and complex conditions	Worsley, Roisin (CIA)	2013-2015	\$39,966	\$75,864
	Tracking injuries in community sport	Ekegren, Christina L (CIA)	2013-2014	\$29,363	\$60,742
	Australasian Cochrane Centre	Green, Sally E (CIA); McDonald, Steven	2013-2015	\$648,228	\$1,340,228
	The relationship between happiness and health	Freak-Poli, Rosanne (CIA)	2013-2016	\$125,215	\$135,395
	Does statin use have a disease modifying effect in symptomatic knee osteoarthritis?	Brady, Sharmayne RE (CIA)	2013-2016	\$36,906	\$36,906

Source	Project Title	Names of Investigators	Duration	Amount received in 2014	Total funds
National Institutes of Health (NIH)	ASPrin in Reducing Events in the Elderly (ASPREE)	McNeil, John J (CIA); Nelson, Mark R; Storey, Elsdon; Tonkin, Andrew M; Wolfe, Rory SJ; Woods, Robyn L; Grimm, Hugo; Benavente, Oscar R; Murray, Anne M; Nelson, Mark R; Newman, Anne B; Shah, Raj C; Williamson, Jeff D	2009-2019	\$8,733,491	\$21,784,024
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	2010-2014	\$172,647	\$773,638
Novartis Pharmaceuticals Australia Pty Ltd	Haemoglobinopathy Registry (HbR)	Wood, Erica M (CIA)	2013-2014	\$50,000	\$150,000
Osteoporosis Australia	Achieving targeted assessment of bone health in women at midlife	Davis, Susan R (CIA); Bell, Robin J	2013-2014	\$12,500	\$37,500
Peter MacCallum Cancer Centre	Operationalise of a Cancer 2015 Registry in Victoria	McNeil, John J (CIA); Reid, Christopher M	2012-2015	\$24,620	\$100,030
Population Health Research Institute, Hamilton Health Sciences	HOPE-3 (Heart Outcomes Prevention Evaluation – 3 Study)	Krum, Henry (CIA)	2008-2015	\$7,273	\$74,013
Safe Work Australia	Australian Mesothelioma Registry	Sim, Malcolm R (CIA); Benke, Geza P; MacFarlane, Ewan M	2011-2015	\$130,864	\$533,590
Southern Adelaide – Fleurieu – Kangaroo Island Medicare Local Ltd	General Practice Mapping Project	Joyce, Catherine M (CIA)	2013-2014	\$80,483	\$185,391
The Cochrane Collaboration – England	Research, development and implementation of a project series for Cochrane Training	McDonald, Steven (CIA)	2011-2014	-\$43,196	\$0
United States Army	ATLAS study: Adjuvant tamoxifen-longer against shorter	Davis, Susan R (CIA)	2005-2014	\$2,915	\$398,990
VicRoads	Provision of Evaluation Services for Novice Driver Program Trial	McClure, Roderick J (CIA); Newstead, Stuart V; Reid, Christopher M; Rudin-Brown, Christina; Scully, Michelle I	2011-2015	\$135,650	\$692,013
Victoria Law Foundation	Health Legal Partnerships (HLPs) - Designing a targeted training program	Bishop, Elizabeth J (CIA)	2013-2014	\$1,745	\$4,362
Victorian Cancer Agency	The Victorian lung cancer initiative	Watkins, David N (CIA); Brown, Tracey; Millar, Jeremy L; Stirling, Robert; Ashley, David M; Fox, Stephen B; Irving, Louis B; Mitchell, Paul; Solomon, Benjamin J; Wright, Gavin; Ganju, Vinod; John, Tom; MacManus, Michael P; Waring, Paul M	2011-2014	\$101,367	\$405,468

Source	Project Title	Names of Investigators	Duration	Amount received in 2013	Total funds
Victorian Department of Justice	Designer drugs in Victorian road crashes	Drummer, Olaf H (CIA)	2013-2014	\$35,455	\$90,000
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	2008-2017	\$313,150	\$1,537,286
Victorian WorkCover Authority (WorkSafe Victoria)	WorkHealth online data collection tool	Reid, Christopher M (CIA); Buranasiri, Waranon; Costolloe, Carl; Pruksawongsin, Kunnaj	2011-2014	\$4,000	\$178,803
	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); Lamontagne, Anthony D; Sim, Malcolm R; Hogg-Johnson, Sheilah	2012-2014	\$30,000	\$150,000
	Noise exposure and risk of Noise Induced Hearing Loss in apprentices	Benke, Geza P (CIA); Dimitriadis, Christina; Kosny, Agnieszka	2013-2014	\$37,451	\$149,803
	The nature, incidence and impact of secondary conditions on outcomes for individuals with transport and work-related injury in the state of Victoria	Gabbe, Belinda J (CIA); Smith, Peter M	2013-2014	\$16,404	\$82,021
	Integrated approaches to worker health, well-being and safety	Joss, Nerida A (CIA)	2013-2014	\$45,530	\$155,685

Appendix 2 : SPHPM Research Publications for 2014

Book Chapters

Illic, D., 2014, Lycopene for the prevention and treatment of prostate disease, in *Prostate Cancer Prevention*, eds Jack Cuzick and Mangesh A Thorat, pp. 109-114.

Illic, D., 2014, Screening for prostate cancer: reflecting on the quality of evidence from the ERSPC and PLCO studies, in *Prostate Cancer Prevention*, eds Jack Cuzick and Mangesh A Thorat, pp. 65-71.

Shehabi, Y., Bellomo, R., Kadiman, S., 2014, Early goal-directed sedation in mechanically ventilated patients, in *Annual Update in Intensive Care and Emergency Medicine 2014*, eds Jean-Louis Vincent, pp. 651-661.

Mahal, A.S., Sutton, L., 2014, Economic prosperity and non-communicable disease: understanding the linkages, in *Handbook on Food: Demand, Supply, Sustainability and Security*, eds Raghbendra Jha, Raghav Gaiha and Anil B Deolalikar, pp. 278-324.

Ward S. A., Workman B., 2014, Multidisciplinary teamwork, in *Geriatric Medicine: An Introduction*, Gideon Caplan, eds Melbourne: IP Communications pp.30-46.

Journal Articles

Funke-Kaiser, A., Manning, K., Colquhoun, D., Zeller, T., Hunt, D.J., Simes, J., Sullivan, D., Sydow, K., West, M.J., White, H.D., Blankenberg, S., Tonkin, A.M., 2014, Midregional proadrenomedullin and its change predicts recurrent major coronary events and heart failure in stable coronary heart disease patients: The LIPID study, *International Journal of Cardiology*, vol 172, issue 2, pp. 411-418.

White, H.D., Tonkin, A.M., Simes, J., Stewart, R., Mann, K., Thompson, P.L., Colquhoun, D., West, M.J., Nestel, P.J., Sullivan, D., Keech, A.C., Hunt, D.J., Blankenberg, S., 2014, Association of contemporary sensitive troponin I levels at baseline and change at 1 year with long-term coronary events following myocardial infarction or unstable angina, *Journal of the American College of Cardiology*, vol 63, issue 4, pp. 345-354.

Bosch, M.C., McKenzie, J.E., Mortimer, D.S., Tavender, E.J., Francis, J.J., Brennan, S.E., Knott, J.C., Ponsford, J.L., Pearce, A.C., O'Connor, D.A., Grimshaw, J.M., Rosenfeld, J.V., Gruen, R.L., Green, S.E., Bayley, M.T., Buchan, H.A., Cameron, P., Cooper, D.J., Ellis, N., Fitzgerald, M., Huckson, S.D., Joseph, A., Morley, P., Khan, F., Lavis, J.N., Marshall, S.C., Michie, S., Rushworth, N., Sherry, L., Clavisi, O.M., Cooksley, D.G., Harris, C., Kaye, A.H., McDonald, S., Morokoff, A., Zobel, J., Goergen, S.K., Meares, S., Smyth, T., Chau, M., Varanelli, L., 2014, Implementing evidence-based recommended practices for the management of patients with mild traumatic brain injuries in Australian emergency care departments: study protocol for a cluster randomised controlled trial, *Trials*, vol 15, issue 281, pp. 1-20.

Glasziou, P.P., Chalmers, I.G., Green, S.E., Michie, S., 2014, Intervention synthesis: a missing link between a systematic review and practical

treatment(s), *Plos Medicine*, vol 11, issue 8 (Art. No.: e1001690), pp. 1-7.

Corbould, A.M., Bhathal, P.S., Dixon, J., O'Brien, P.E., 2014, Interrelationships of serum androgens, omental adipose tissue metabolism, and nonalcoholic fatty liver disease in obese premenopausal women, *Metabolic Syndrome and Related Disorders*, vol 12, issue 6, pp. 311-319.

Dominguez, E., Galmozzi, A., Chang, J., Hsu, K., Pawlak, J., Li, W., Godio, C., Thomas, J.R., Partida, D., Niessen, S.M., O'Brien, P.E., Russell, A.P., Watt, M.J., Nomura, D., Cravatt, B.F., Saez, E., 2014, Integrated phenotypic and activity-based profiling links Ces3 to obesity and diabetes, *Nature Chemical Biology*, vol 10, issue 2, pp. 113-121.

Hayden, M.J., Murphy, K., Brown, W.A., O'Brien, P.E., 2014, Axis I disorders in adjustable gastric band patients: the relationship between psychopathology and weight loss, *Obesity Surgery*, vol 24, issue 9, pp. 1469-1475.

Moroshko, I., Brennan, L., Warren, N.L., Brown, W.A., O'Brien, P.E., 2014, Patients' perspectives on laparoscopic adjustable gastric banding (LAGB) aftercare attendance: qualitative assessment, *Obesity Surgery*, vol 24, issue 2, pp. 266-275.

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Parker, K., O'Brien, P.E., Brennan, L., 2014, Measurement of disordered eating following Bariatric surgery: a systematic review of the literature, *Obesity Surgery*, vol 24, issue 6, pp. 945-953.

Wentworth, J., Hensman, T., Playfair, J.M., Laurie, C., Ritchie, M.E., Brown, W.A., Skinner, S.A., Shaw, J.E., O'Brien, P.E., 2014, Laparoscopic adjustable gastric banding and progression from impaired fasting glucose to diabetes, *Diabetologia*, vol 57, issue 3, pp. 463-468.

Wentworth, J., Playfair, J.M., Laurie, C., Ritchie, M.E., Brown, W.A., Burton, P.R., Shaw, J.E., O'Brien, P.E., 2014, Multidisciplinary diabetes care with and without bariatric surgery in overweight people: A randomised controlled trial, *The Lancet Diabetes & Endocrinology*, vol 2, issue 7, pp. 545-552.

Abbott, G., Backholer, K., Peeters, A., Thornton, L., Crawford, D., Ball, K., 2014, Explaining educational disparities in adiposity: the role of neighborhood environments, *Obesity*, vol 22, issue 11, pp. 2413-2419.

Abdullah, A., Amin, F.A., Stoelwinder, J.U., Tanamas, S.K., Wolfe, R.S.J., Barendregt, J.J., Peeters, A., 2014, Estimating the risk of cardiovascular disease using an obesity-years metric, *BMJ Open*, vol 4, issue 9 (Art. No.:e005629), pp. 1-9.

Abouzeid, M., Bhopal, R.S., Dunbar, J.A., Janus, E.D., 2014, The potential for measuring ethnicity and health in a multicultural milieu--the case of type 2 diabetes in Australia, *Ethnicity & Health*, vol 19, issue 4, pp. 424-439.

Abouzeid, M., Versace, V., Janus, E.D., Davey, M., Philpot, B., Oats, J.J.N., Dunbar, J.A., 2014, A population-based observational study of diabetes during pregnancy in Victoria, Australia, 1999-2008, *BMJ Open*, vol 4, issue 11 (Art. No: e005394), pp. 1-9.

Ackerman, I.N., Busija, L., Tacey, M., Bohensky, M., Ademi, Z., Brand, C.A., Liew, D., 2014, Performance of the assessment of quality of life measure in people with hip and knee joint disease and implications for research and clinical use, *Arthritis Care & Research*, vol 66, issue 3, pp. 481-488.

Ackerman, I.N., Tacey, M., Ademi, Z., Bohensky, M., Liew, D., Brand, C., 2014, Using WOMAC Index scores and personal characteristics to estimate Assessment of Quality of Life utility scores in people with hip and knee joint disease, *Quality Of Life Research*, vol 23, issue 8, pp. 2365-2374.

Ademi, Z., Liew, D., Gorelik, A., Bohensky, M., Zomer, E., Hollingsworth, B., Steg, G.P., Bhatt, D.L., Reid, C.M., 2014, Predictors of health care use among patients with or at high risk of atherothrombotic disease: two-year follow-up data, *International Journal of Cardiology*, vol 175, issue 1, pp. 72-77.

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Conference Publications

Johnson, M., Gaudry, T., Bugeja, L., 2014, A metre matters: Using a public policy approach to create a safer cycling environment in Australia, *Proceedings of the International Cycling Safety Conference (ICSC 2014)*, 18 November 2014 to 19 November 2014, pp. 1-11.

Appendix 3: SPHPM Senior Staff Board and Committee Memberships

Professor John McNeil

Board member: International Society of Cardiovascular Pharmacotherapy

Board member: Austin Hospital Board of Management

Board member: Australia and New Zealand Intensive Care Society Research Centre

Board member: Victorian Managed Insurance Authority

Board member: Australian Clinical Trials Alliance

Committee member: National Blood Authority (NBA): Haemovigilance Advisory Committee

Committee member: Ambulance Victoria: Medical Advisory Committee

Committee member: Austin Hospital: Austin LifeSciences Board

Committee member: Cancer Council Victoria: Cancer Registry Scientific Advisory Group

Committee member: Red Cross Blood Transfusion Service: Research Advisory Committee

Committee member: Drug Policy Modelling Unit Advisory Committee

Committee member: Victorian Premier's Award for Health and Medical Research: Selection Panel

Committee member: Club Melbourne: Ambassador

Committee member: Burnet Research Institute Scientific Advisory Committee

Committee member: Australian Commission for Safety and Quality: Quality Registries Committee

Chair: Alfred Hospital: Ethics Committee

Committee member: Alfred Hospital: Pharmacy and Therapeutics Committee

Chair: Austin Hospital Board: Clinical Safety and Quality Committee

Committee member: Victorian Cardiac Arrest Registry Advisory Committee

Faculty Executive: Monash University: Faculty of Medicine, Nursing & Health Sciences

Committee member: Victorian Department of Health: Standing Committee on Health Quality, Safety and Outcomes

Committee member: Australian Stroke Clinical Registry

Committee member: Victorian Public Hospitals: Chairs of Board Quality Committees

Committee member: Victorian Clinical Registries Advisory Panel

Committee member: Victorian Department of Health: Patient Safety Advisory Committee

Committee member: Victorian Department of Health: Mortality Review and Reporting for Small Rural Health Services (SRHS) Project Steering Committee

Committee member: New South Wales Department of Health: Genomics Scientific Advisory Group

Committee member: Joint Management Committee, Prostate Cancer Health Outcomes Research

Committee member: Australian Breast Device Registry (ABDR) Governance Committee

Committee member: Victorian Department of Health: Health System Information, Knowledge and Innovation Management Advisory Committee

Chair: Victorian Department of Health: Medicinal Cannabis Expert Advisory Committee

Committee member: Cancer Australia: Stage, Treatment and Recurrence (STaR) Steering Committee

Professor Joan Ozanne-Smith

Committee member: Editorial Committee for the World Health Organization's Global Report on Drowning

Professor Rachelle Buchbinder

Coordinating Editor, Cochrane Musculoskeletal Group

Advisory Board Member: Cochrane Back Group

Editorial Board Member: BMC Musculoskeletal Disorders

Editorial Board Member: BioMed Central Chiropractic & Osteopathy

Editorial Board Member: Arthritis Research & Therapy

Editorial Board Member: Physical Therapy

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

Vice President: Australian Rheumatology Association (ARA)

Member: Scientific Program and Research Committee, Australian Rheumatology Association

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

Co-chair: Epidemiology and Public Health Abstract Review for the 2014 American College Rheumatology Annual Scientific Meeting

Member: Surveillance Task Force, Bone and Joint Decade 2010–2020

Member: Expert Committee (ARA nominee), Arthritis Australia Position Statement: Exercise for hip and/or knee osteoarthritis and rheumatoid arthritis

Member: American Society for Bone and Mineral Research (ASBMR) Task Force on Long-Term Safety and Efficacy of Vertebral Augmentation

Member: International Organising Committee, Low back Pain Forum

Member: Working Group (ARA nominee), Australian Government Department of Health Medicare Benefits Schedule (MBS) Review of Imaging for low back pain

Member: Working Group (ARA nominee), Australian Government Department of Health Medicare Benefits Schedule (MBS) Review of Hip arthroscopy

Member: Advisory Committee Victorian Department of Health on the use of cannabis for medical purposes

Member: Scientific Advisory Committee, Defence Health Foundation

Professor Susan Davis

Board member: International Menopause Society

Co-Chair: International Consultation on Sexual Medicine, International Society for Sexual Medicine

Chair: Scientific Programme Committee, 15th World Congress on the Menopause 2016

Member: NHMRC Practitioner Fellowship Peer Review Panel

Member: Endocrine Society Clinical Practice Guideline Panel for the Menopause

Member: Endocrine Society Clinical Practice Guideline Panel for the use of Androgens in Women

Member: Endocrine Society Partnership for the Accurate Testing of Hormones advisory panel

Professor Malcom Sim

Board member: International Commission of Occupational Health (ICOH)

Editor-in-Chief: Occupational and Environmental Medicine

Associate editor: Asia Pacific Journal of Public Health

Editorial board member: Journal of Military and Veterans' 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

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

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

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: OHS Program Advisory Committee for the Institute for Safety, Compensation and Recovery Research

Committee Member: Scientific Advisory Committee for the Defence Health Foundation

Member: Editorial Board of the Cochrane Collaboration OSH Review Group 2013.

Member: Scientific Committee of the EPICOH Conference held in Utrecht in June 2013

Member: Workplace Exposure Surveillance working group established by Safe Work Australia in 2013

Professor Michael Abramson

Chair: Lung Foundation of Australia COPD Guidelines Committee

Editorial Board member: Respiriology, BMC Pulmonary Medicine

Associate Editor: International Journal of Tuberculosis and Lung Disease

Committee member: Lung Foundation of Australia COPD Coordinating Committee

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

Committee member: Asthma Australia National Research Council

Committee member: NHMRC Wind Farms and Human Health Reference Group

Professor Olaf Drummer

Board member and immediate past president of the International association of Forensic Toxicologists (TIAFT)

President of the Forensic and Clinical Toxicology Association of Australia Inc (FACTA)

Professor Flavia Cicuttini

Committee member: Repatriation Medical Authority

Committee member: Victorian Rheumatology Heads of Unit Committee

Committee member: AIHW Arthritis Advisory Group

Ethics Committee member: Drugs & Interventions Applications sub-committee of the Alfred HREC

Ethics Committee member: Epworth Hospital

Editorial Board Arthritis Research Therapy

Editorial Board Arthritis and Rheumatology

Editorial Board BMC Musculoskeletal

Editorial Board MJA

NHMRC Assigners academy

OARSI Clinical Trial Guidelines Imaging Group

Professor Henry Krum

Chairman: Adverse Drug Reactions Committee, Alfred Hospital

Committee member: Faculty of Medicine Centres Committee

Committee member: NHMRC Committee on Unproven Therapies

Committee member: Pharmacy and Therapeutics Advisory Committee, Alfred Hospital

Deputy chair: Research Ethics Committee, Alfred Hospital

Executive committee member: EFFECT-HF 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: PARAGON-HF Study

Professor Helena Teede

Director Monash Centre for Health Research and Implementation – MCHRI

Head – Diabetes and Vascular Medicine, Monash Health

Member – Monash Health Translation Precinct Executive Committee

Associate Editor Clinical Endocrinology 2014

Chair – National Translation Faculty Diabetes Committee

Diabetes Australia – Board member and member of the Victorian Clinical Advisory Committee

President – Endocrine Society of Australia

Head – Women's Public Health Research, School of Public Health and Preventive

Medicine, Monash University, in partnership with Monash Health

Member – Monash Doctors Council

Member – Monash Health Research Council

Director – National Alliance on PCOS and Centre of Research Excellence PCOS

Advisor – National Diabetes Strategy – Advisor

Member – National Steering Committee and Indigenous Women's Health Alliance

NHMRC:

Member – CEO Advisory Committee on Translation of Evidence into Practice

Member – National Data Reference Group

Member – National Health Care Committee (HCC) – second triennium

Member – National Translation Faculty Obesity Committee

Member – Research Translation Faculty Symposium Program Committee

Member – Novo Nordisk Education Committee

Member – PEACOCKS Society

President Elect – International AEPPOS Society

Member – SPHPM Senior Executive

Member – State Government/Cancer Council Steering Committee and advisory role in obesity prevention

Professor Robin Bell

Editorial board member: Menopause Journal (Journal of the North American Menopause Society)

Editorial board member: Climacteric (Journal of the International Menopause Society)

Committee member: scientific review panel for ANZ trustees

Professor Sally Green

Member, NHMRC Health Care Committee

Member, NHMRC Advisory Group on the Synthesis and Translation of Research Evidence

Board Member, International Society for Evidence-Based Health Care

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 (AIHW)

Committee member: Vascular Disease Monitoring Advisory Group, Department of Health and Aging (AIHW)

Chairman: LIPID Management Committee, National Heart Foundation of Australia

Co-chairman: Acute Coronary Syndrome Topic Working Group, Australian Commission on Safety and Quality in Health Care

Committee member: ESSENCE Steering Committee for Cardiovascular Care Standards for Aboriginal and Torres Strait Islander People

Committee member: Scientific Program Committee, 2014 World Congress of Cardiology

Committee member: Executive Indigenous Council, Cardiac Society of Australia and New Zealand

Panel Member: NHMRC Centres for Research Excellence in Population Health

Chairman: DSMB, ATACAS studies

Committee member: DSMB, REVEAL studies

Professor Just Stoelwinder

Chair: Board of Ambulance Victoria

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: Research Committee, School of Public Health and Preventive Medicine

Committee member: Compensation Research Database Steering Committee

Committee member: BRANZ Steering Committee,

Committee member: Victorian State Trauma Outcomes Registry and Monitoring Group Steering Committee, Department of Epidemiology and Preventive Medicine, 2002-ongoing

Committee member: Victorian Orthopaedic Trauma Outcomes Registry Steering Committee, Department of Epidemiology and Preventive Medicine, 2003-ongoing, Chair.

Committee member: Research Advisory Committee, Victorian Institute of Forensic Medicine, 2010-ongoing,

Associate Editor for the Journal of Science and Medicine in Sport

Associate Editor for Medicine

Professor Chris Reid

Associate Editor: Clinical Experimental Physiology & Pharmacology

Associate Editor: Cardiovascular Therapeutics

Associate Editor: International Journal of Cardiology

International Editorial Consultant: ASEAN Heart Journal

Committee member: Victorian Cancer Council Human Research Ethics Committee

Committee member: Pharmaceutical Sciences Program Advisory Committee, RMIT University

Member: National Working Group, Australian Red Cross Blood Measures project

National Coordinator: CLARIFY Registry

Committee member: Scholarships Committee, Heart Foundation

Committee member: International Steering Committee, Aspirin for the Prevention of Events in the Elderly (ASPREE)

Co-Chair: Publication & Ancillary Studies Committee, Aspirin for the Prevention of Events in the Elderly (ASPREE)

Steering Committee Member: Kanyini GAP Poly Pill Study

Faculty and Advisory Group Member: ASCEND (Asian Collaboration for Excellence in Non-Communicable Disease) REsearch Network

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

Member: Monash Institute of Graduate Research

Member: Faculty Board, Monash Faculty of Medicine, Nursing and Health Sciences

Member: ACS Care Implementation & Advocacy Working Group, Heart Foundation

Collaboration and Exchange Awards Panellist: Heart Foundation

Chairman: Early Discharge following Acute Coronary Syndrome (EDACS) Data Safety Monitoring Board

Committee member: South East Asian Community Observation Scientific Advisory Board

Expert Panel, Member, Management of Type 2 Diabetes NHMRC Guidelines

Professor Brian Priestly

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

Chair, Education sub-committee and committee member: Australasian College of Toxicology & Risk Assessment (ACTRA)

Member, Program Advisory Committee, CRC-CARE project on contaminants of emerging concern

Professor Ajay Mahal

Editorial board: Journal of the Economics of Ageing

Editorial board: Infectious Diseases of Poverty

Editorial board: PLOS ONE

Editorial board: Health Systems and Reform

Advisory Committee: Public Health Foundation of India study on financial flow tracking and impact evaluation in the health sector

Professor Jane Fisher

President-Elect: International Marcé Society for Perinatal Mental Health

Member: National Health and Medical Research Council Translational Research Faculty

Temporary Technical Advisor, World Health Organization Western Pacific Regional Office

Member: Expert Advisory Group, World Health Organization Partnership for Maternal, Newborn and Child Health Expert Advisory Group on Maternal Mental Health

Member: National Health and Medical Research Council Expert Advisory Group for Mental Health and Parenting

Member: National Health and Medical Research Council Grant Review Panel, Epidemiology and Population Health

Member: Expert External Review Panel, UBS Optimus Foundation

Member: Human Research Ethics Committee, Epworth HealthCare

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

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

Member: Royal Women's Hospital Research Committee

Member: Patient Care Advisory Committee, Masada Private Hospital

"Life and other catastrophes: Love, relationships, family and friendships" A weekly 30 min bulletin on 774 ABC Melbourne radio with Rafael Epstein.

Associate Professor Sophia Zoungas

Committee member: NHMRC Translation Faculty

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

Chair of the organising committee: CONTROL Trial, Collaborators on Trials of Glucose Lowering

Chair of the Steering committee: National Association of Diabetes Centres

Chair of the Program Organising Committee for the Annual Scientific meeting of ADS/ADEA

Member of the Australian Diabetes Society Council, President Elect

Member of the International Hypoglycaemia Study Group (IHSG)

Member of the Australian Institute of Health & Welfare Diabetes Expert Advisory Group

Member of the Expert Reference Group for E-health and Coordinated Care Program, and Data

Utilisation and Analytics National Development Program, Diabetes Australia

Associate editor: Diabetic Medicine

National leader and over site of the forREAL program (A post marketing pharmacovigilance program of Dapagliflozin use in routine Australian clinical practise)

National leader and over-site of the Australian National Diabetes Audit collection for 2013–2015

National leader and medical advisor: CANVAS and CANVAS R trials

Advisory Board participation: Amgen Australia, AstraZeneca, Janssen-Cilag, Merck Sharpe and

Dolme, Novartis Pharmaceuticals, Sanofi, Takeda Pharmaceuticals

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

Member, Data safety monitoring board: HEAT study

Vice President: YMCA Australia Portland Branch

Editorial Board member International Scholarly Research Notices

Editorial Board member Journal of Respiratory Medicine

Editorial Board member Journal of Epidemiology and Preventive Medicine

Editorial Board member International Journal of Diabetology & Vascular Disease

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

Committee member: US American Conference of Governmental Industrial Hygienists (ACGIH) TLV Standards Setting committee

Committee member: Scientific committee for the 2015 IOHA International Scientific Conference London

Associate Professor Dragan Ilic

Editorial Board Member: Journal of Biomedical Research

Committee Member: International Society of Evidence Based Health Care

Committee Member: Society for Cost and Value in Medical Education

Associate Professor Bebe Loff

Sent email 20/1/2015

Associate Professor David Newman

Presiding Councillor: Specialist Medical Review Council, Department of Veterans Affairs

Deputy Chair: Science and Technology Committee, Aerospace Medical Association, United States

Member: Editorial Review Board, Aerospace Medicine and Human Performance journal, United States

Member: Assessments sub-committee, Australasian College of Aerospace Medicine

Associate Professor Karin Leder

Executive board member: International Society of Travel Medicine and the Asia Pacific Travel Health Society

Member: NHMRC New and Emerging Health Threats Steering Group

Member: Water Research Australia

Associate Professor Anita Wluka

Committee member: NHMRC Postdoctoral Reference Group

Coordinator: Victorian branch of the Australian Rheumatology Association, Annual Scientific Meeting, 2014

Associate Professor Wendy Brown

Deputy Senior Examiner in the Court of General Surgery, FRACS

Immediate Past President of the Obesity Surgery Society of Australia and New Zealand

Vice President of the Australia and New Zealand Gastro Oesophageal Surgery Association

Member: Victorian Government Surgical Consultative Council

Chair: Surgical Sub-Panel Australian Medical Council Clinical Examination

Chair: Avenue Ethics Committee

Committee member: Avenue Medical Advisory Committee

Committee member: Medical Benefit Schedule Lipectomy Review Committee

Member: Surgical MCQ writing panel Australian Medical Council

Committee member: Victorian Department of Health Bariatric Advisory Committee

Member: AMC accreditation team for UQ

Associate Professor Catherine Joyce

Member: Royal Australian College of Physicians Workforce Working Party

Associate Professor Barbora de Courten

Member: Eli Lilly Australia Medical Advisory Board

Associate Professor Bing Wang

Executive committee member of Australia Chinese Association for Biomedical Science (ACABS)

Associate Professor Ben Smith

Board Director: CBM 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

Member: Victorian WorkCover Authority's Leading Thinkers Network

Associate Professor Jeffrey Lefkovits

Clinical co-lead: Victorian Cardiac Clinical Network, Department of Health, Victoria

Committee member: Victorian Policy Advisory Committee on New Technology (VPACT), Department of Health, Victoria

Member: Acute Coronary Syndrome (ACS) Clinical Care Standard Topic Working Group, Australian Commission on Safety and Quality in Health Care (ACSQHC)

Member: Clinical Reference Group, Medibank Private

Associate Professor Arul Earnest

Editorial board member: Journal of Clinical Research & Governance.

Academic editor, editorial board: PLOS ONE

Associate Professor Erica Woods

Chief Examiner, Haematology, Royal College of Pathologists of Australasia (RCPA)

Chair, RCPA/RACP Joint Specialist Advisory Committee in Haematology

Member, RCPA Haematology Advisory Committee

Member, Advisory Committee, Blood Matters/ Better Safer Transfusion Program, Department of Human Services, Victoria

Member, Victorian Blood Matters Serious Transfusion Incident Reporting (STIR) haemovigilance program expert group

Member, World Health Organization Expert Advisory Panel in Transfusion Medicine

Member, Australian National Haemovigilance Advisory Committee

Member (expert on transfusion medicine matters), Pharmaceutical Subcommittee of the Advisory Committee on Prescription Medicines, Therapeutic Goods Administration, Australia

Vice-president, International Society of Blood Transfusion

President, International Haemovigilance Network

Past president, and council member, Australian and New Zealand Society of Blood Transfusion

Member, Haemato-Oncology Committee, Cancer Council Victoria Clinical Network

Member, Editorial Board, Transfusion Medicine (journal of the British Blood Transfusion Society and the Network for Advancement of Transfusion Alternatives)

Associate Professor Robyn Woods

Deputy Chair, Australian Management Committee, Aspirin in Reducing Events in the Elderly (ASPREE)

Deputy Chair, International Steering Committee, Aspirin in Reducing Events in the Elderly (ASPREE)

Deputy Chair, ASPREE Healthy Ageing Biobank Steering Committee

Member, International Executive Committee, Aspirin in Reducing Events in the Elderly (ASPREE)

Member, International Publications, Aspirin in Reducing Events in the Elderly (ASPREE)

Member, Presentations & Ancillary Studies Committee, Aspirin in Reducing Events in the Elderly (ASPREE)

Member, International Data Management Committee, Aspirin in Reducing Events in the Elderly (ASPREE)

Member, Australian Training, Recruitment, Retention & Operations Committee, Aspirin in Reducing Events in the Elderly (ASPREE)

Member, Australian Data Management Committee, Aspirin in Reducing Events in the Elderly (ASPREE)

Member, ENVISion Steering Committee, Aspirin in Reducing Events in the Elderly (ASPREE)

Member, ALSOP Management Committee, Aspirin in Reducing Events in the Elderly (ASPREE)

Member, Anti-sepsis Management Committee, Aspirin in Reducing Events in the Elderly (ASPREE)

Member, SNORE-ASA Steering Committee, Aspirin in Reducing Events in the Elderly (ASPREE)

Member, Falls & Fractures Steering Committee, Aspirin in Reducing Events in the Elderly (ASPREE)

Member, NEURO Management Committee, Aspirin in Reducing Events in the Elderly (ASPREE)

Member, HEARING Management Committee, Aspirin in Reducing Events in the Elderly (ASPREE)

Member, Steering Committee, Statins in Reducing Events in the Elderly (STAREE)

Member, Executive Committee, Statins in Reducing Events in the Elderly (STAREE)

Further information

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