School of Public Health and Preventive Medicine
Annual Report 2013
Contents

From the Head of School................................................................. 3
Highlights for the Year................................................................. 5
New Research Centre on electromagnetic energy.......................... 6
ASPREE Highlights........................................................................ 7
National Indigenous Women’s Health Workshops.......................... 8
News From Qatar.......................................................................... 8
Associate Professor Manj Gambhir joins the SPHPM.................... 9
The Future of Systematic Reviews - 2013 Australasian Cochrane symposium................................................................. 9
STARREE Study awarded NHMRC grant........................................ 10
In Memory Associate Professor Damien Jolly................................ 10
Infrastructure Platform................................................................. 11
Data Management.......................................................................... 11
Clinical Registries.......................................................................... 12
Biostatistical Consulting Service.................................................. 13
ASPin in Reducing Events in the Elderly [ASPREE]......................... 13
Awards......................................................................................... 14
School Awards Night...................................................................... 17
Research – 2013 At a Glance.......................................................... 20
Research – Year by Year............................................................... 21
School Executive........................................................................... 22
Units............................................................................................. 23
Organisation Structure............................................................... 24
Prevention Science........................................................................ 25
The ASPREE: Healthy Ageing Biobank.......................................... 26
Cardiovascular Research Unit...................................................... 26
The Centre for Obesity Research and Education (CORE).............. 27
Department of Forensic Medicine (DFM)...................................... 27
Monash Ageing Research Centre (MONARC)................................. 28
Andrology Australia...................................................................... 28
Women’s Health Research Program.............................................. 29
Clinical Epidemiology Division...................................................... 30
Centre of Cardiovascular Research and Education (CCP) in Therapeutics......................................................... 31
The Clinical Epidemiology Unit – The Alfred................................ 31
Musculoskeletal Epidemiology Unit.............................................. 32
Monash Department of Clinical Epidemiology – Cabiri Institute........ 32
Infectious Diseases Epidemiology Unit........................................ 33
The Australasian Cochrane Centre................................................ 33
Renal Disease Prevention Unit..................................................... 34
Research Methodology Division.................................................... 35
Biostatistics Unit........................................................................... 36
Clinical Informatics and Data Management Unit (CIDMU)............. 36
Epidemiological Modelling Unit.................................................... 37
Research Governance.................................................................... 37
Health Services and Global Research Division............................. 38
The Health Services Management................................................. 39
The Michael Kirby Centre for Public Health and Human Rights........ 39
Global Health & Society Unit......................................................... 40
Clinical Registries.......................................................................... 40
Health Services Research Unit...................................................... 41
Jean Hales Research Unit............................................................. 41
Occupational and Environmental Health Division....................... 42
Monash Centre for Occupational and Environmental Health (MonCDEH).......................................................... 43
The Australian Centre for Human Health Risk Assessment........... 43
Water Quality Unit......................................................................... 44
Critical Care Research.................................................................... 45
The Australian and New Zealand Intensive Care Research Centre (ANZIC-ICR).......................................................... 46
Pre-hospital, Emergency and Trauma Unit..................................... 46
Australian and New Zealand College of Anaesthetists (ANZCA) Trials Group........................................................ 47
Transfusion Research Unit............................................................. 47
Monash Centre For Health Research & Implementation (MCHRI)..... 48
Women’s Public Health Research.................................................. 49
Diabetes and Cardiovascular Disease Research............................ 49
Centre for Clinical Effectiveness
(Monash Innovation & Quality, Monash Health)............................. 49
Implementation and Training Program............................................ 50
Clinical Research Support Services:
Monash Biostatistical Research Support........................................ 50
Education...................................................................................... 51
Undergraduate Teaching............................................................... 52
Postgraduate Teaching................................................................. 56
Doctoral Training......................................................................... 59
Short Courses............................................................................... 62
Staff............................................................................................ 64
Appendix 1: Grants and Funding.................................................... 75
Appendix 2: SPHPM Research Publications for 2013....................... 89
Appendix C: SPHPM Senior Staff Board and Committee Memberships........................................................................ 112

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It gives me great pleasure to introduce the 2013 annual report of the Monash School of Public Health and Preventive Medicine (SPHPM).

Our School has achieved great success in 2013, with 10% funding growth and several new developments including the establishment of the Monash Centre for Health Research & Implementation (MCHRI), the relocation of Andrology, Australia to our Alfred Centre campus and the amalgamation of the Department of Health Social Sciences with Global Health and Society.

We were delighted to welcome Associate Professor Manoj Ghambir to head our re-established Epidemiological Modelling Unit, a joint initiative with the CSIRO Preventive Health Flagship. Manoj was previously with the National Center for Immunization and Respiratory Diseases at the United States Centers for Disease Control and Prevention.

Professor Stephen Cordner stepped down as Head of the Victorian Institute of Forensic Medicine (VIFM) but will remain in his role as Head of VFM International Programs. Professor Brian Oldenburg announced at the end of the year that he would be taking on an important new role at Melbourne University in 2014. We are very grateful to Stephen and Brian for their exceptional contributions to our School.

Professor Malcolm Sim received the Vice Chancellor’s Award for Excellence in International Engagement and marked 25 years in the Department of Epidemiology and Preventive Medicine. Professor Michael Abramson received a Community Service Award from the Asthma Foundation Victoria, in recognition of his significant contribution to the understanding of asthma through research and support. Professor Olaf Drummer was awarded the prestigious Jean Servais Stas Medal in recognition of his achievements in the field of forensic chemistry.

Our achievements in clinical and public health research continued in 2013, many of which are documented elsewhere in this report. Our successes would not be possible without the extraordinary expertise provided by our Biostatistics and Clinical Informatics and Data Management units (CIDMU) who, in conjunction with Monash eSolutions, IT security and risk, gained ISO 27001 accreditation, providing endorsement of its capabilities in managing large, highly secure databases.

I would like to thank our committed and talented coordinators and teachers who contributed to our many successes on the teaching front. Enrolments in all of our courses have increased, with over 2000 undergraduates in three undergraduate courses, 566 postgraduate course work students and nearly 150 higher degree by research students. Our short course program has also expanded and teaching evaluations were extremely positive. 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.

On the international front we continue to develop our links across Asia, the US and Europe. Our collaborative program with Sri Lanka to provide a final year of research training to MD graduates continues to expand. Research and training programs on chronic disease management have flourished in India and Sri Lanka. Many of our senior staff have established and expanded important research collaborations in Europe, which will greatly benefit our future researchers and students.

Our staff contribute to a considerable array of intra- and extramural committees and working parties, policy and advisory bodies at national and international level, either as chair or committee members. These links are crucial in influencing areas as diverse as women’s health, occupational and environmental health, critical care, forensic science and cardiovascular medicine.

In 2013 we set out to raise our profile in social media, including the launch of the SPHPM Research blog. I would like to acknowledge the great work of our Research Manager, Dr Jay Illingworth in this area.

I would also like to thank our excellent professional staff, under the leadership of Mr Gavin Horrigan. We receive outstanding support over a range of finance, HR, IT, front desk, communications, research, teaching and administrative support, with colleagues who do much to contribute to a thriving and happy working environment. To this end, our Social Committee have done a great job organizing an array of popular and very well attended events throughout the year.

Finally, I would like to acknowledge our outstanding School Executive and the great support provided by Just Stoelwinder while Michael, Malcolm and Prof Helena Teede were on sabbaticals.

I am confident that our school has established a strong platform from which we can continue to progress in the years ahead.

Professor John McNeil AM
Head of School
Highlights for the Year

2013 marks a decade of research into the health of Australian veterans

Over the past decade the Monash Centre for Occupational and Environmental Health (MonCOEH) has built a strong track record of achievement in the field of veterans’ health research. Through several studies, MonCOEH has developed new areas of evidence based research to investigate emerging issues relevant to Australian veterans to assist with policy development and practice.

Australia has about 80,000 active service men and women and reservists. Over the past 20 years Australian Defence personnel have been involved in an increasing number of deployments in combat and peacekeeping operations. These deployments put them at risk of being disabled by chronic illnesses, physical injury, post-traumatic stress disorders, other mental health problems or a combination of these conditions.

In 2003, MonCOEH completed its landmark research into the physical and mental health of Australian Gulf War Veterans, the first major piece of research conducted on Australian veterans since the Vietnam War. This study achieved an excellent participation rate with over 80% of Gulf War Veterans taking part, and their health was compared with a group of military personnel in the Defence Force at the time, but who did not deploy to the Gulf. The results of this study found notable increases in physical and mental health problems such as multi-symptom disorder and post-traumatic stress disorder in Australian Gulf War Veterans, and strong relationships with many exposures and experiences during their deployment to the Gulf. This study resulted in a major research report to the Department of Veterans’ Affairs and these findings, as well as a series of further analyses, have been published extensively in the scientific literature over the past 10 years.

The Gulf War Veterans health study was designed as a prospective cohort study. A follow up study is currently underway to investigate the longer term health outcomes in these veterans and the impact on their wellbeing and physical and social functioning. There have been several innovative features in this body of research, including in the initial study a face-to-face physical and psychological assessment, as well as the taking of blood samples for storage. In the initial study there was linkage to the National Death Index and the Australian Cancer Database, while in the follow up study this linkage has been extended to Medicare, PBS and DNA held data. A key focus of the analysis is the persistence of, or recovery from, conditions found to be in excess at the time of the initial study and the factors which influence this.

MonCOEH has also undertaken several other veteran health studies. In 2005 we undertook a study of Australian Korean War Veterans which investigated their level of physical and psychological health, quality of life and satisfaction. This study found that more than 50 years after the Korean War, physical and psychological health, quality of life and satisfaction were still considerably higher than expected and there were very strong dose response relationships with combat exposures during the Korean War. As well as being of relevance to Australia, these findings have also helped to inform policy in Canada. Other funded studies include studies of physical and psychological comorbidities in veterans, a series of systematic reviews of published studies of multi-symptom disorder, chronic fatigue and several psychological disorders in veterans deployed to the Gulf War, Iraq and Afghanistan. Another project is a joint Australia USA comparative literature review of military deployments since 1990, health impacts and veteran health care systems within the two countries.

Professor Malcolm Sim was also a Chief Investigator on a recent study of Australian Peacekeepers, undertaken by the University of Melbourne, which examined long term mental health status, health service use and quality of life. Professor Sim is a member of the Scientific Advisory Committee of the Defence Health Foundation, while Dr Helen Kelsall, another key researcher in MonCOEH’s Veteran Health Research Program, is a member of the Editorial Board of the Journal of Military and Veteran Health.

MonCOEH is seeking to build upon its 10 years of research achievement and expand its involvement in military and veteran health research. It will play a leading role in the newly established Monash Research Centre: General Sir John Monash Research Centre.
New Research Centre on Electromagnetic Energy

Professor Michael Abramson has been awarded an NHMRC Centre of Research Excellence (CRE) Grant totalling $2,500,000 over five years for a CRE in Population Health Research on Electromagnetic Energy. Together with co-investigators including Professor Malcolm Sim and Dr Geza Benke (both with MonCoEH), this international research collaboration will include researchers from the University of Wollongong, the University of Queensland, Utrecht University (Netherlands) and the Karlsruhe Institute (Germany), with a strong track record of research and translation.

This CRE will bring together leading population health researchers on the health effects of radiofrequency electromagnetic (RF) energy to address the WHO Research Agenda for RF Fields related to population health. The CRE will generate new knowledge leading to improved health outcomes through a research program which includes:

- International studies of brain tumours in young people, cancer and neurological outcomes in older adults;
- Prospective cohort studies of neurocognitive function in children and adolescents;
- RF provocation studies on children;
- Human studies to identify processes underlying effects on brain function;
- Quantifying personal exposures from RF sources in the community;
- Monitoring personal exposure of RF and Magnetic Resonance Imaging (MRI) workers; and
- Risk perception and communication.

Outcomes will be translated into health policy and practice through linkages with international and national organisations.

ASPREE Highlights

Much of the ASPREE (ASPirin in Reducing Events in the Elderly) study’s efforts this year have focused on recruitment and expanding the scope of the trial. In the process, the study reached a number of significant milestones.

In 2013, the ASPREE study:

- Reached and exceeded the original recruitment target of 12,500 Australian ASPREE participants. Due to the success of the trial, the new Australian recruitment target was set to 16,500 people.
- Had enrolled over 2,000 Australian GPs as co-investigators to the trial.
- Phone screened for eligibility the 60,000th person to respond to their letter of invitation.
- Had posted almost half a million letters to ASPREE participants and potential participants.
- Made the 100,000th follow-up call to an ASPREE participant.
- Collected bio-samples from the 9,000th participant to enrol in the ASPREE Healthy Ageing Biobank.
- Processed the 21,000th ALSOP (ASPREE Longitudinal Study of Older Persons) questionnaire sent in by almost 90% of ASPREE participants to help identify factors that influence healthy ageing.
- Enrolled the 1000th participant in the ASPREE-SNORE sub-study investigating whether sleep apnoea affects thinking and memory and if aspirin can slow associated changes in small blood vessels in the brain.
- Enrolled over 70 participants per month to undergo retinal photography as part of the ASPREE-AMD study, which is examining the effect of aspirin on age-related macular degeneration (AMD).
- Travelled more than 150,000 km in the ASPREE Biobuses, enabling older people in regional and rural areas to participate in clinical research.
- Commissioned two ASPREE RetCam Vans, specially fitted with a retinal camera for the ASPREE-AMD sub-study.
- Initiated new sub-studies to determine the effect of aspirin on specific conditions: ASPREE-KNEE (aspirin and osteoarthritis), ASPREE-NEURO (aspirin and microvascular changes in the brain), AGES (ASPREE Cancer Endpoints Study – aspirin and cancer) and ASPREE-Antisepsis (aspirin and infection).
- Commenced recruitment in Mildura, along the Sapphire Coast and in Wollongong.

Website: www.aspree.org
Twitter: @aspree_aus

Presented to 80 community organisations and conducted several study updates, reaching over 5700 participants, friends, families and interested older people.

Was awarded $2.9 million from the National Cancer Institute (US) to collect a 3 year follow up sample of blood from participants in the ASPREE Healthy Ageing Biobank.

Was awarded $1.5 million from the Victorian Cancer Agency to support ongoing clinical trial centres in regional Victoria.

Is on track to complete recruitment by the end of 2014.

Websites: www.aspree.org
Twitter: @aspree_aus
News from Qatar

Professor Peter Cameron has continued as Chairman of Emergency Medicine at Hamad Medical Corporation (HMC) in Doha, Qatar. He is tasked with overseeing an expansive, multi-faceted program for the modernisation of emergency medicine in one of the world’s most affluent countries. Emergency Medicine in Qatar is developing rapidly; in the last year, HMC-E hud 40 doctors, 105 nurses, and several senior leaders from regions including Australia, the UK, the USA, and Asia. HMC provides around 90% of health services to the national population of Qatar. The Hamad General Hospital ED treats approximately 1500 patients daily, and there are 1200 staff across HMC’s emergency medicine network. Peter is focused on developing new programs providing world-class educational opportunities to emergency medicine professionals in Doha. This work ensures the sustainability of high-quality healthcare, specific to the needs of the Qatar population. The first Emergency Medicine Fellowship training program was established in 2012 with enrolment of ten Clinical Fellows. As part of the curriculum two Monash units were delivered in Qatar with successful completion by all HMC participants. Initiatives such as these have helped forge a strong academic link between HMC and Monash. In March 2013 Qatar’s first Emergency Medicine Research Unit was created at Hamad Medical Corporation. The unit is a valuable opportunity for Peter as HMC is a principal partner in Qatar’s Academic Health System (AHS) - the first nationwide AHS in the world. The aims of the AHS include improving the standard of care. In mid-2012 Peter commenced as Chairman of Emergency Medicine, taking leave from his position as Head of the Critical Care Division at Alfred Emergency and Trauma Centre. This was a valuable opportunity for Peter as HMC is a principal partner in Qatar’s Academic Health System (AHS) – the first nationwide AHS in the world. The aims of the AHS include improving the standard of care.

The future of systematic reviews - 2013 Australasian Cochrane Symposium

During one of his regular walks beside Port Meadow in Oxford in the early 1990s, Iain Chalmers conceived the idea of an international effort to summarise and make sense of the world’s biomedical literature. In 1993, a small group of international researchers (many of them now distinguished pioneers of evidence-based health care) gathered in a former cake factory in north Oxford to inaugurate The Cochrane Collaboration. Twenty years on, Cochrane is recognised globally for its work in producing credible information for informing decisions about health. Many thousands of collaborators in over 120 countries have contributed to nearly 60,000 reviews published in The Cochrane Library. But for all its successes, Cochrane is not without major challenges. And so, as the 20th anniversary year came to a close, we felt it was fitting that the 2013 Australasian Cochrane Symposium gathered in a former cake factory in north Oxford to inaugurate The Cochrane Collaboration.

What does the future hold? What are the challenges in producing timely reviews that answer the right questions asked by patients, practitioners and policy makers? How can the impact of Cochrane evidence be more widely felt? The Symposium tackled these issues by exploring possibilities for reviews of innovations in technology, tools and ‘big data’, developments in review methods, and new forms of user engagement. Listening to the presenters, you sensed that a brave new world awaits (or as one presenter put it, we can’t continue as a 747 in an era of A380s), but it’s a world in which Cochrane’s unique position and collective strength can see it flourish and extend its impact over the next 20 years.

Conference presentations from senior figures within Cochrane in Australia and internationally are available via the Cochrane YouTube channel at www.cochrane.org.au/symposium.

Manoj will be collaborating with some of the university’s infectious disease specialists such as Associate Professor Allen Chang. Manoj comments that Melbourne—and Monash in particular—is a very exciting place to be working in biomedical research right now.
STARREE study awarded NHMRC Grant

More than $5 million in NHMRC Funding has been awarded to Associate Professor Sophia Zoungas to lead a study of cholesterol lowering medications for reducing events in the elderly and prolonging disability survival. The STARREE for Reducing Events in the Elderly (STARREE) trial will commence in 2014. Statins belong to a class of drugs prescribed to lower the level of cholesterol in the blood by reducing the production of cholesterol by the liver. It is not known whether people 75 years or over will benefit from this therapy, as past studies have not included older people because they are more likely to suffer from drug side effects.

The STARREE Study is the first randomised controlled trial of statin therapy in apparently healthy elderly people without established vascular disease or diabetes and living independently in the community. The study will investigate whether statin therapy prolongs life or life free of need for permanent residential care. STARREE will determine the effects of statin therapy versus placebo on overall survival (all causes of death) and disability-free survival (need for permanent residential care) over an average five year treatment period, amongst elderly Australians aged 75 years and older. Amongst the issues likely to influence the balance of the risks and benefits to the elderly are myopathy, diabetes, cognitive impairment, cancer and polypharmacy.

The Study will tap into the unique resource already available from the Department of Epidemiology & Preventive Medicine (DEPM) (image) and was an accomplished clarinet player. Damien's talent and warmth are sorely missed.

In Memory, Associate Professor Damien Jolley

This year the School said farewell to a gifted biostatistician and valued colleague, Associate Professor Damien Jolley. Damien was a part of the Monash team for over a decade. He was a delight to all staff and students fortunate enough to work with him, in both his capacity as a researcher and as a mentor. In every facet of his life he exhibited a sense of diplomacy, passion for work, and a wicked sense of humour that made him a delight to all staff and was enjoyed by staff. He also loved music, trivia nights was greatly anticipated and Damien's hilarious MC'ing of the SPHPM 2015, WorkSafe Victoria (Victorian Healthy Worker Project) and the Road Traffic Authority (Live 105, P Drivers Project).

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

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

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

The current suite of services offered through the Unit includes:

- Electronic forms-based data capture systems (scan, fax and email)
- Web-based data capture and reporting systems
- Desk-top based data capture and reporting systems
- Web-based clinical trial randomisation services

Infrastructure

Data Management

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

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

Current activities of the Centre include the development of clinical data management systems for supporting clinical registries and high risk occupational cohorts and clinical trials with a client base. These include internal Monash research centres and external clinical organisations, government and non-government organisations. The Clinical Registry Program includes a number of registries for the Centre of Research Excellence Patient Safety (CREPS) such as the Prostate Cancer Registry and Victorian Lung Cancer Registry. External registry clients include The Alfred Hospital, Cabrini Hospital, Australian Rheumatology Association, the Colorectal Surgical Society of Australia, the Society of Cardiothoracic Surgeons, the Victorian Department of Health and Monash University Accident Research Centre (MUARC), Multinational clinical trial management systems have been developed for the US National Institute of Ageing sponsored ASPREE Study, the Asia Pacific Chest Pain Study, and the NHMRC sponsored POLAR, EPO-TBI, TRANSFUSE and PHARLAP trials for the Australian and New Zealand Intensive Care - Research Centre (ANZIC-RC) .

Observational epidemiological and cohort studies data management systems have been developed for the Monash Centre for Occupational Health, the Peter McCallum Cancer Institute (Cancer Centre, 2015), WorkSafe Victoria (Victorian Healthy Worker Project) and the Road Traffic Authority (Live 105, 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 units and clinicians to compare the success of their treatment.

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

The importance of registries as a strategy for improving safety and quality of healthcare in Sweden about 25% of medical encounters are captured on a registry.

How do Registries work?

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

High quality data

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

Registry governance

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

Operating Principles for Clinical Registries

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

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

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 2013 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:

- Apalastic Anaemia Registry
- Australian and New Zealand Society of Cardiac and Thoracic Surgeons (ANZSCTS) National Database Program*
- Australian Rheumatology Association Database (ARA2)*
- Bi-National Burns Registry (Bi-NBR)*
- Breast Disease Registry*
- Massive Transfusion Registry
- Melbourne Interventional Group (MIG) Registry
- Victorian Prostate Cancer Registry
- REACH Registry
- Registry of Kidney Diseases (PKD) 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)*
- Baranista Registry
- Victorian Cardiac Outcomes Registry (VCOR)*
- Myeloma and Related Diseases Registry (MRDR)
- Neonatal Alkimmune Thrombocytopenia (NAIT)
- Venous Thrombembolism cohort study (VITE)
- Colorectal Cancer Registry (with Cabrini Health®)
- Victorian Cardiac Arrest Registry
- Victorian & New Zealand Intensive Care Adult Registry*
- Denotes a clinical quality registry

Biostatistical Consulting Service

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

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

ASPrin in Reducing Events in the Elderly (ASPREE)

ASPREE is being undertaken primarily in general practices in metropolitan, regional and rural areas in southeast Australia. Recruitment should be completed in 2014 with results expected in 2018.

Website: www.aspree.org
Twitter: @aspree_aus
Awards

Prestigious Jean Servais Stas Award for achievements in forensic chemistry

Professor Olaf Drummer, Head of the Department of Forensic Medicine and Forensic Scientific Services at the Victorian Institute of Forensic Medicine (VIFM) was awarded the prestigious Jean Servais Stas Medal in recognition of his achievements in the field of forensic chemistry. Olaf was presented with the award at the biennial meeting of the German Society of Toxicology and Forensic Chemistry (GTFCh) in Mosbach, Germany (17-20 April 2013).

The award recognises both Olaf’s and VIFM’s reputation as being at the forefront of forensic toxicology.

The Jean Servais Stas Medal is named after Jean Servais Stas (1813-1891), a renowned Belgian analytical chemist who, in collaboration with Jean-Baptiste Dumas, established the atomic weight of carbon and was also the first scientist to develop a universal extraction system for alkaloids in human tissues, which was used successfully by many laboratories until quite recently.

Professor Olaf Drummer

Queens Hall fellowship awarded to Monash researcher

Dr. Jennifer Pilgrim was presented with a Victorian Fellowship in Queens Hall at the Victorian Parliament by The Hon. Louise Asher MP, Minister for Innovation, Services and Small Business. Jennifer used this Fellowship to spend three months working with Professor Henrik Druid, Professor of Forensic Medicine at the Department of Oncology-Pathology at the Karolinska Institute in Stockholm. Jennifer investigated the similarities between the Australian and Swedish coronial case databases, and would ultimately like to establish a world-first international, evidence-based registry for toxic concentrations of drugs in humans.

Jennifer hopes that her work at the Karolinska Institute will greatly improve the interpretation of drug analysis results and the estimation of the prevalence of drug toxicity deaths, thereby aiding in prevention and improved public health.

Jennifer was also awarded a further travel fellowship from the Australian French Association for Science and Technology (AFAS) to travel to France to explore research opportunities there.

Professor Belinda Gabbe receives highest ranked NHMRC application for 2012

Professor Belinda Gabbe, head of the Monash University Pre-hospital, Emergency and Trauma Unit had the highest ranked application in the NHMRC Population Career Development Fellowship (Level 2) category in 2012. In recognition of the stellar achievement, Belinda was invited to a dinner hosted by the NHMRC on October 9 2013, at which she was presented with a trophy and invited to speak about her research.

The focus of Belinda’s research is the measurement of injury burden and the evaluation of systems of injury care. She has extensive experience in injury outcomes research, leading to the development and implementation of a relatively low-cost, high response rate methodology which is currently used by the Victorian State Trauma Registry (VSTR) and the Victorian Orthopaedic Trauma Outcomes Registry (VOTOR) to routinely monitor and measure the outcomes of injured patients in Victoria. These registries now represent the largest, ongoing collection of longer term injury outcomes data globally. Belinda is currently the Head of the VSTR, VOTOR and the Bi-National Burns Registry (Bi-NBR).

Belinda is also the Chief Investigator on the NHMRC funded project grant “Improving the measurement of non-fatal injury burden; validating the GBD methods” which will use data from the six largest and most comprehensive cohort studies across five countries to evaluate methods for determining disability associated with injury, address issues specific to injury and identify improved methods for burden estimates. The results will direct how injury burden is measured for the Global Burden of Disease (GBD) Study, and for individual country or region-specific studies.

Belinda has over 100 peer-reviewed articles published in prestigious journals, and holds extensive experience in injury outcomes evaluation of systems of injury care. She is currently used by the Victorian State Trauma Registry (VSTR) and the Victorian Orthopaedic Trauma Outcomes Registry (VOTOR) to routinely monitor and measure the outcomes of injured patients in Victoria. These registries now represent the largest, ongoing collection of longer term injury outcomes data globally. Belinda is currently the Head of the VSTR, VOTOR and the Bi-National Burns Registry (Bi-NBR).

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Belinda has over 100 peer-reviewed articles published in prestigious journals, and holds a number of grants from the ARC, NHMRC and ISCRR. She is also an adjunct professor in the School of Medicine at Swansea University.

In conjunction with these achievements, Belinda is to be congratulated for being promoted to full Professor, effective from January 2014. Her promotion reflects her contribution to research, teaching, leadership and engagement.

Professor Belinda Gabbe with Professor Warwick Anderson (CEO of the NHMRC)
The following staff members won awards in 2013

**Professor Robin Bell**
Awarded the Dean’s Social Inclusion award for 2013.

**Dr David Goddard**
Winner of the President’s Award for outstanding contribution to AFOEM in education, training and assessment.

**Professor Malcolm Sim**
Awarded the Dean’s Award for Excellence in External Engagement.

**Associate Professor Allen Cheng**
Awarded the Director of Research Prize for Patient Safety and Quality Improvement for a project on the pharmacist-led dosing of vancomycin and aminoglycosides.

**Dr Basia Diug**
Awarded APPA 2013 Premier Award for outstanding academic excellence and service to the Polish community.

**Dr Sara Holton**
Winner of the 2013 Medicine, Nursing and Health Sciences (MNHS) Faculty ECR Publication Prize, for Public Health Research for her paper titled: “The childbearing concerns and related information needs and preferences of women of reproductive age with a chronic, noncommunicable health condition: a systematic review”.

**Dr Peter New**
Awarded the 2013 Henry Burger Prize for clinical research (Monash Health Senior Medical Staff), for the best published clinical research by a member of the Senior Medical Staff.

**Dr Dion Stub**
Awarded a Victoria Fellowship by the Department of Business and Innovation in 2012.

**Dr Simon Wilkins**
2013 Australia and New Zealand Association of Paediatric Surgeons Annual Scientific Meeting Research Prize for his paper “New insight into the pathogenesis of bladder extrophy”.

**Associate Professor Andrew Teichtahl**
Awarded the Helen Morian Award at the 2013 Australian Rheumatology Association from Arthritis and Osteoporosis Victoria.

**Associate Professor Anna Peeters**
Awarded the IASO Andre Mayer Award.

**Associate Professor Erica Wood**
Awarded a Churchill Fellowship by the Winston Churchill Memorial Trust.

**Dr Kathryn Backholer**
Awarded the ANZOS Young Investigator Award, and the NHF collaboration and exchange award to attend the World Congress of Epidemiology in Alaska.

**Dr Tim Coulson**
Awarded the CORE best medical paper prize at the ANZOS conference.

**Ms Amanda Tan**
Awarded the Jean Hales Memorial Prize for the best presentation by a young investigator at the Australasian Menopause Society Annual Conference 2013, and a Travel grant to the Australasian Menopause Society Annual Meeting Adelaide 2013.

**Mr Ralph Tramm**
Awarded the Australian College of Critical Care Nurses’ Experienced Researcher Grant Award for his study “ECMO in adults: physical and mental health after hospitalisation.”

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**School Awards Night**

The School Awards night held on the 4th of December 2013 recognised and rewarded outstanding achievements and accomplishments within the SPHPM. Lindy Burns (ABC 774 Melbourne radio presenter) spoke on the need for researchers to effectively communicate their work to media and the wider public. Professor Christina Mitchell and Professor John McNeil presented the awards and the event was compèred by Professor Robin Bell and Professor Jane Fisher.
The Award categories were:

**Research Excellence - Early Career Researcher** - Awarded to Dr Janet Bray


**Teaching Support Excellence** – Awarded to Ms Basia Diug

**Tutoring Excellence** - Awarded to Ms Penny Robinson

**Nancy Millis Medal for thesis and coursework excellence in the Doctor of Public Health program** – Awarded to Katherine Gibson

**Mid Career Researcher Excellence** – Awarded to Associate Professor Peter Smith (in absentia)

**Outstanding Support of Peers** – Jointly awarded to Dr Judy Lowthian (in absentia) and Dr Alisa Pedrana (in absentia)

**Postdoctoral Supervision Excellence** – Awarded to Professor Olaf Drummer (in absentia)

**Doctoral Thesis Excellence** - Jointly awarded to Dr Ella Zomer (in absentia) and Dr Eva Saar

**Research and Teaching Support Excellence** – Awarded to Ms Sharon Gurry

**Teaching Support Excellence** – Awarded to Dr Martin Proctor

**Research Excellence - Early Career Researcher** - Awarded to Dr Janet Bray
Research – 2013 At a Glance

Research Funding 2013*

- Category 1: 26%
- Category 2: 3%
- Category 3: 24%
- Other: 47%

Total = $28,952,465

* the funding doesn’t include the $1.6 million sitting in pending research funds.

New NHMRC Funding from applications submitted in 2013

- Project Grants: 36%
- Partnership Grants: 6%
- Centre of Research Excellence: 10%
- Early Career Researcher Fellowship: 16%
- Career Development Fellowships: 6%
- NHMRC EU Scheme: 10%

Total = $15,442,062

Publications 2013*

- Journal Articles: 734
- Book Chapters: 1
- Peer-Reviewed Conference Papers: 1

* The full publication list can be found in Appendix 2

Publications

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

Higher Degrees Research Enrolments

- MSur: Master of Surgery
- MPhil: Master of Philosophy
- DPH: Doctor of Public Health
- MD: Medical Doctor
- PhD: Doctor of Philosophy

Honours Students at SPHPM

Postgraduate Course Enrolments

* As of the 31.03.2014 and extracted for BI

Research – Year by Year

Research Funding Year by Year

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

Publications

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

Higher Degrees Research Enrolments

Honours Students at SPHPM

Postgraduate Course Enrolments

* As of the 31.03.2014 and extracted for BI

Higher Degrees, Postgraduate and Undergraduate Research Training

- 146 PhD students with 13 Completions
- 563 Postgraduate Course Enrolments of which 256 were in the Master of Public Health
- 25 Honours Completions
School Executive

• Professor John McNeil – Head of School and Head of the Prevention Science Division
• Professor Michael Abramson – Deputy Head of School and the Head of the Clinical Epidemiology Division
• Professor Andrew Forbes – Head of the Research Methodology Division
• Professor Just Stoelwinder – Head of the Health Services and Global Research Division
• Professor Jamie Cooper and Professor Peter Cameron – Head of the Critical Care Research Division
• Professor Helena Teede – Head of the Monash Centre for Health Research and Implementation Division
• Professor Olaf Drummer – Head of the Department of Forensic Medicine
• Professor Sally Green – Head of the Australasian Cochrane Centre
• Mr Gavin Horrigan – Alfred Precinct Manager

Units

Our research falls within the following divisions:
• Prevention Science
• Clinical Epidemiology
• Research Methodology
• Health Services and Global Research
• Occupational and Environmental Health
• Critical Care Research
• Monash Centre for Health Research and Implementation (MCHRI)
Prevention Science

- ASPREE
- Cardiovascular Research
- Centre for obesity research and education (CORE)
- Department of forensic medicine
- Monash ageing research centre
- Andrology Australia
The ASPREE Healthy Ageing Biobank

Professor John McNeil (Principal Investigator) and Associate Professor Robyn Woods (Executive Officer, ASPREE and Director of the ASPREE Healthy Ageing Biobank)

Monash University is developing the largest biobank in the world to focus on older people. Called the ASPREE Healthy Ageing Biobank, over 9,000 Australian ASPREE participants aged 70 plus have donated blood and urine samples for long term storage, creating a valuable resource for future research.

Research into biomarkers may help predict diseases of ageing, such as dementia and cardiovascular disease, or even good health. Each sample in the biobank is matched with a wealth of clinical information about the participant’s health at the time the sample was taken and throughout the duration of the study.

This year the National Cancer Institute in the US funded the collection of follow up samples taken three years from the first, significantly extending the research potential of the biobank. Specifically, the two samples will enable researchers to compare and measure changes in biomarkers and the effect of aspirin on key components in the blood and urine.

In order to reach participants living in regional and rural areas, the ASPREE Biobank team designed a mobile laboratory called the ASPREE ‘Biobus’ - a specially fitted out vehicle fully equipped to collect, process and store samples in portable nitrogen freezers. Specimens can then be safely transported back to main holding freezers for long term storage.

Combined, the three ASPREE-Biobuses two in Victoria and one in Tasmania, have travelled in excess of 150,000km, bringing research to the people.

Website: www.aspree.org/AUS/
Twitter: @aspree_aus

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 2013 included:

- The Long-term Intervention with Pravastatin in Ischaemic Disease (LIPID) study, a long-term follow-up of 9014 coronary heart disease patients recruited from Australia and New Zealand, and analysis of the role of biomarkers in CVD risk prediction and modulation of treatment effects.
- Participation in activities of the ASPin in Reducing Events in the Elderly (ASPREE) study, a large-scale clinical trial studying the effect of aspirin on healthy lifespan, and its related sub studies.
- Participation in activities of the Australian Research Council (ARC) Centre of Research Excellence.
- Research into the importance of various lipid fractions and particles in the pathogenesis and risk assessment of unstable coronary artery disease.
- The above projects have all been supported through NHMRC funding and for ASPREE, by the NIH and CSIRO.

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

The Centre for Obesity Research and Education (CORE)

Associate Professor Wendy Brown (Director)

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

Our research aims to better understand obesity, obesity-related diseases (including psychosocial conditions) and to identify optimal methods for the safe, cost-effective, long-term management of this disease.

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

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

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

Department of Forensic Medicine (DFM)

Professor Olaf Drummer (Head)

The Department of Forensic Medicine (DFM) operates as both a publicly-funded institution and as an academic unit. This unique arrangement has contributed more to forensic medicine and the allied forensic sciences than any other facility in the country.

Many of our staff members are world leaders in their disciplines and this has contributed to an international reputation for excellence. In 2013 58 students were enrolled in this course, aimed towards medical and dental practitioners either working or proposing to work in the field of forensic medicine and dentistry. It is the only course of its kind in the English speaking world.

During 2013, DFM produced over 50 publications, of which 37 were peer-reviewed journal articles, with the remainder comprising books, book chapters and encyclopedia articles.

Several DFM staff members received industry recognition awards during 2013. For more information on this, please refer to the Awards section of the SPHPM Annual Report.

Website: www.med.monash.edu.au/sphtm/dfm.html

The above projects have all been supported through NHMRC funding and for ASPREE, by the NIH and CSIRO.
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’s charter:
• Academic Unit of Geriatric Medicine (AUGM)
• Aged Mental Health Research Unit (AMHRU)
• Clinical Research Centre for Movement Disorders and Gait (CRCMGDAG). 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, and is focussed on the rapid transfer of research findings into clinical management.

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

Andrology Australia

Dr Carol Holden (Director)

Since its inception in 2000, Andrology Australia has been administered by the Monash Institute of Medical Research in Clayton. As Andrology Australia’s program has developed over the years, much of its focus has overlapped with the research activities of the School of Public Health and Preventive Medicine. An opportunity arose for Andrology Australia to move into the School, and this transition occurred in 2013.

As it has done for the past thirteen years, Andrology Australia continues to raise the awareness of men’s health in a range of settings including governments, health organisations, health professionals, men and their families, and the wider community, using a range of innovative and evidence-based health promotion and education resources.

Among its health promotion activities Andrology Australia provides quality and evidence-based resources to about 1000 organisations running men’s health events in their local communities each year. Men’s health clinical and patient resources are also increasingly sought, with more than 13,000 individuals and organisations across Australia receiving the Andrology Australia newsletter, ‘The Healthy Male’, and more than 250,000 consumer guides 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.

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

For more information about Andrology Australia, please visit www.andrologyaustralia.org

Women’s Health Research Program

Professor Susan Davis (Director)

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

Our focus is on the most common health issues that affect women throughout adult life and that impact most on health and wellbeing. Our current research includes prevention of breast and uterine cancer, management of the menopause, diagnosis of osteoporosis and treatment of female sexual dysfunction. Our research is supported by Osteoporosis Australia, the NHMRC and the Bupa Health Foundation.

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/
**Center of Cardiovascular Research and Education (CCRE) in Therapeutics**

**Professor Henry Krum (Director)**

The mission of CCRET is to improve clinical outcomes at the individual and community level through the use of evidence that is based on high quality clinical research. CCRET conducts clinical trials that focus on mechanistic and hospital-based studies in the Department of Clinical Pharmacology at the Alfred Hospital and at the Clinical Trial Centre at Caulfield Hospital. CCRET’s Clinical Informatics and Data Management Unit (CIDMU) provide high-level platform technologies for the conduct of epidemiological, clinical trial and health services research.

Website: www.ccretherapeutics.org.au

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**Clinical Epidemiology Division**

- CCRE therapeutics
- Clinical epidemiology (Alfred)
- Musculoskeletal epidemiology
- Clinical Epidemiology (Cabrini)
- Infectious diseases
- Australian Cochrane centre
- Renal disease prevention

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**The Clinical Epidemiology Unit – The Alfred**

**Professor Michael Abramson (Head)**

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

- NHMRC funded Centre of Research Excellence for Population Health Research on Electromagnetic Energy, commencing in October 2013. This international research collaboration will include studies of brain tumours in young people, cancer and neurological outcomes in older adults, studies of neurocognitive function in children and adolescents, personal exposures from radiofrequency sources in the community, monitoring personal exposure of radiofrequency and MRI workers and risk perception and communication. Outcomes will be translated into health policy and practice through linkages with international and national organisations.

- The Burden of Obstructive Lung Disease (BOLD) study, in collaboration with the Woolcock Institute in Sydney and other centres around Australia was completed with NHMRC funding. Data collection targeting 2220 participants was completed in 2013 with an eligible response rate of 54.9%. Data analysis is continuing.

- The Third European Community Respiratory Health Survey (ECRHS III) is one of the largest international studies of asthma and allergic diseases in adults. ECRHS III has been following up participants who were involved in ECRHS II. Professor Michael Abramson presented preliminary data at the ERS International Scientific Congress in Barcelona, in September 2013. The Laboratory phase of the Study concluded in December 2013. Data will be collated and analysed in early 2014.

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

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

- The Tasmanian Longitudinal Health Study (TALHS)
- The Melbourne Atopic Cohort Study (MACS); and
- We are also collaborating with the Monash Centre for Occupational and Environmental Health (MonCOEH) on a study of the effects of mobile phones on cognitive development in primary school children.

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

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

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.

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/

Research methodology

- Biostatistics
- Clinical Informatics and data management
- Epidemiological modelling
- Research governance
Biostatistics Unit

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

Clinical Informatics and Data Management Unit (CIDMU)

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

CIDMU Staff 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. 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 2013 included:

- Development of the Victorian Cardiac Outcomes Registry supported by Medibank Private and the Victorian State Government; and
- Development and maintenance of the Cancer 2015 data system for the Peter McCallum Cancer Institute.

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

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

Research Governance

Mrs Marina Skiba (Chair – Research Governance Committee)

(2013 Committee members: Professor John McNeil, Dr Jayannies Riesinghe, Mrs Marina Skiba, Dr Elizabeth Douglas, Ms Joanne McKenzie, Professor Olaf Drummer, Dr Heather Rowe, Professor Susan Daisis, Professor Robin Bell, Associate Professor Allen Cheng, Professor Andrew Forbes, Ms Danielle Horyniak, Dr Esther Apos, Dr Liz Bhogo)

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

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 2013 included the launch of a new subject ‘Responsible Research’ which will be compulsory for all new PhD students, developing an online training package for SPHPM new staff and student’s to be rolled out in 2014, conducting online self-audits, assisting in the development of guidelines for the storage and access of electronic data, and updating the schools risk management plan.

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

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

See our website for Terms of Reference, annual report, contact information and other information: www.med.monash.edu/spphpm/research-governance-committee.html
Health Services and Global Research Division

- Health Services management
- Michael Kirby centre for public health and human rights
- Global health and society
- Clinical registries
- Health services research
- Jean Hailes Research Unit

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/

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 within SPHPM. The Centre was created to consolidate existing capacities, developed over 20 years, in the study of public health and human rights within the School.

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

Website: www.med.monash.edu.au/michaelkirby

Dr Liz Bishop with the Year 4 and 5 medical students, Fiji National University
The Global Health and Society Unit (GHSU)

Professor Brian Oldenburg (Head)

The GHSU consists of more than 40 researchers, research students (PhD and Honours), teaching and professional/administrative staff conducting a diversity of research and education programs in Australia and internationally. Major areas of expertise include the promotion of health and wellbeing, the prevention and control of non-communicable conditions, migration and health, addictive behaviours, health systems, health equity and social disadvantage, as well as other related global health issues. Many of the unit’s research, training and capacity building projects are undertaken in low and middle income countries.

The unit also coordinated another very successful AMREF World Health Day Forum (April 11, 2013) on the topic of “Reducing the global impact of high blood pressure: Current status and future challenges”. More than 200 participants attended from research, government and non-government organisations.

Website: http://www.med.monash.edu.au/epidemiology/ghsu/

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

Clinical Registries

The Monash Clinical Registry Unit (CRU) was established this year 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. This year the CRU was successful in its application to lead development of a national Prostate Cancer Clinical Registry, building on our Victorian registry model. This project, funded by Movember, is providing guidance for similar registries being established internationally.

The Monash Clinical Registry Unit (CRU) was successful in its application to lead development of a national Prostate Cancer Clinical Registry, building on our Victorian registry model. This project, funded by Movember, is providing guidance for similar registries being established internationally.

The Health Services Research Unit

Associate Professor Catherine Joyce (Head)

The Health Services Research Unit was established in 2013. We undertake research on the organisation and delivery of health services and systems. We are focussed 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 4 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 include the following:

• The Centre for Research Excellence in Medical Workforce Dynamics is a collaborative Centre with the Melbourne Institute of Applied Economic and Social Research, and is investigating trends in, and determinants of, doctors’ workforce participation.

• The Safe Elderly Emergency Discharge (SEED) project is based at the Alfred Hospital Emergency Department (ED) and is investigating the risk profiles, care journeys and health outcomes of older emergency patients discharged home from ED.

• The RESPOND project is a multi-centre randomised controlled trial investigating the effect of a novel program on secondary falls and ED re-presentations in older people presenting to the ED due to a fall.

• The 6-PACK project is 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.

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

Jean Hailes Research Unit

Professor Jane Fisher (Head)

The Jean Hailes Research Unit (JHRU) is an innovative formal partnership between community based knowledge translation and clinical service.

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

Website: http://www.med.monash.edu.au/sphpm/jean-hailes/index.html

Data collection in Ha Nam, a rural province in northern Viet Nam for the maternal health and early childhood development cohort study
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 focusing 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 illness, 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 veteran and firefighter health.

MonCOEH researchers had a successful 2013 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;
- NHMRC funding for a CRE in population health research on electromagnetic energy;
- Bushfire CRC funded study on the community health effects of planned burning;
- Department of Health and Ageing have funded a review of the management of asbestos in the non-occupational environment;
- Qualitative study of factors impacting on workplace noise exposure in apprentices funded by The Institute for Safety, Compensation and Recovery Research (ISICRR); and
- A further five years of funding for the Health Watch study.

Website: www.coeh.monash.org/

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 Risk 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 and occupational mediums (air, water, soil and food). Hazardous chemicals and exposures may be of natural origin or result from anthropogenic activities. ACHHRA has been active in supporting Federal and State government agencies in managing environmental health risks, through participation in expert advisory panels, preparation of risk assessment guidance documents and peer review of reports.

Website: www.med.monash.edu.au/epidemiology/achhra/
Water Quality Unit

Associate Professor Karin Leder (Head)

The Water Quality Unit, working within the Infectious Disease Epidemiology Unit, is involved in research on water quality and public health. Researchers also study the impact of environmental conditions on infectious diseases. Water-related research is often carried out in collaboration with the water industry and relevant health regulatory agencies via membership in the national research organisation Water Research Australia.

The unit has a particular focus on assessing and managing the health impacts of microbial pathogens in conventional water supplies and alternative water sources such as rainwater, grey water, and recycled water. Use of these alternative sources 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 studies of how urban households collect and use grey water, and the application of health-based targets to set water treatment requirements for drinking water supplies. In collaboration with researchers at RMIT University, the unit also recently developed and successfully pilot tested a method to measure accidental water ingestion from spray exposures when lower quality water is used for non-drinking purposes such as car washing. This technique will permit more accurate assessment of water exposures to replace the "expert estimates" that are currently used in national water guidelines.

Staff in the unit also produce the bulletin Health Stream for Water Research Australia. This quarterly publication provides information on topical issues in health research of particular relevance to the water industry, and updates on the recent literature.

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

A car replica being washed in the Car wash study

Associate Professor Karin Leder

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

Professor Jamie Cooper and Professor Rinaldo Bellomo (Directors)

The Australian and New Zealand Intensive Care Research Centre (ANZIC-RC) is a bi-national intensive care clinical research methods centre. The ANZIC-RC assists with the design, funding and execution of clinical trials. Advice and assistance is available from experienced Intensive Care Unit (ICU) researchers, data management/ bio-statistical consultants, project managers, epidemiologists and health economists. The Centre coordinates and conducts comprehensive research programs, including observational studies, feasibility projects and large multi-centre, intervention, randomised controlled trials. It has the ability to support small, medium and large clinical trials.

The Centre currently manages 5 multi-centre NHMRC randomised controlled trials (RCTs), and incorporates the NHMRC Centre of Research Excellence in Patient Blood Management. Two RCTs (HARRISE, Australian Resuscitation In Sepsis Evaluation and EPO-TBI: Erythropoietin in Traumatic Brain Injury) will complete during 2014.

Website: http://www.anziccrc.monash.org/

Pre-hospital, Emergency and Trauma Unit

Associate Professor Belinda Gabbe (Head)

The Pre-hospital, Emergency and Trauma Unit is a rapidly growing research unit headed by Associate Professor Belinda Gabbe. The unit is responsible for a number of leading clinical quality registries including the Victorian State Trauma Registry (VSTR), the Victorian Orthopaedic Trauma Outcomes Registry (VOTOR) and the Bi-National Burns Registry (B-NBR). These registries play an important role in the health system and involve high level interaction with senior industry, government, medical specialists and other professional and academic personnel.

The unit also manages the NHMRC Centre of Research Excellence in Australian Resuscitation Outcomes Consortium (Aus-ROC) as well as a number of NHMRC funded projects:

- RINISE trial (The rapid infusion of cold normal saline by paramedics during CPR);
- HOLLT (Hyperbaric Oxygen Therapy in Lower Limb Trauma);
- Access to Care (Improving Outcome for People with Spinal Cord Injury); and
- Injury-VIBES (Improving the measurement of non-fatal injury burden – validating the GBD methods).

Additional research projects include the Safe Emergency Elderly Discharge (SEED) project funded by an Alfred Health Research Grant, the National Heart Foundation Warning Signs Campaign Evaluation Research Project funded by the National Heart Foundation, The Nature, Incidence and Impact of Secondary Conditions on Outcomes for Individuals with Transport and Work-related Injury in the State of Victoria project funded by ISCPR, and the Understanding Trauma Patients’ Perceptions of Discharge Destination and its Impact on Outcome project funded by the TAC.

In 2013 Associate Professor Belinda Gabbe was successful in obtaining project grant funding for an NHMRC Project Grant commencing in 2014 - Outcomes after Salarious Injury: What is the Recovery Trajectory and how do the Priorities for Treatment and Disability Services change over time? Dr Janet Ilayaraja and Dr Elisaweta Mitra were also successful in receiving NHMRC Early Career Fellowships, commencing in 2014.

Transfusion Research Unit

Associate Professor Erica Wood (Head)

The Transfusion Research Unit (TRU) was formed at the beginning of 2010. TRU is the home of the Transfusion Outcomes Research Collaborative (TORC), a partnership between the Australian Red Cross Blood Service and Monash University’s Department of Epidemiology and Preventive Medicine (DEPM). This collaboration, established in 2008, has been central to the design and progress of pioneering transfusion research in Australia.

TORC is overseen by a multidisciplinary steering committee chaired by Associate Professor Merrole Cole-Sinclair of St Vincent’s Hospital, Melbourne. TORC works closely with clinical leaders to establish new national registries and other projects to collect information about conditions requiring major and/or complex transfusion support, and to better understand and improve outcomes for patients. Clinical experts from around Australia and New Zealand participate as local investigators and project steering committee members. TORC also has close links with governments, advisory groups, specialty colleges and professional societies to ensure translation of research into policy and practice.

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

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

Professor Paul Myles (Director)

The ANZCA Trials Group is a collaboration between Monash University and the Australian and New Zealand College of Anaesthetists (ANZCA). The goals of the group include providing high quality research support to existing, new and emerging multicentre studies in anaesthesia, perioperative and pain medicine. The ANZCA Trials Group also aims to develop collaborations (nationally and internationally) with other trials groups.

- POISE 2: PeriOperative Ischemic Evaluation-2 Trial;
- Evaluation 2 Trial;
- RELIEF: Restrictive versus LIbEral Fluid Therapy in Major Abdominal Surgery.

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

Current trials group research includes:

- ENIGMA-II: Evaluation of Nitrous Oxide and its Effect on Cardiac Mortality;
- ATACAS: Aspirin and Tranexamic Acid for Coronary Artery Surgery;
- POISE 2: PeriOperative Ischemic

Other projects managed by the TRU:

- Various Thromboembolism Cohort studies (VTE);
- Myeloma and Related Diseases Registry (MRDR); and
- Registry of Kidney Diseases (RKD).

Registries in development:

- Haemoglobinopathies (including thalassaemia and sickle cell disease).

TORC holds educational seminars to bring together clinicians, policymakers and researchers. Previous seminars have addressed informed consent for transfusion, massive transfusion and critical bleeding, perioperative blood management, and bleeding, clotting and transfusion support in obstetrics.
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.

MCHRI functions as a network, harnessing and focusing collective effort and expertise across a range of clinical disciplines and research themes within the Monash Health Translation Precinct MHTP and the academic Health Services Centre (including Monash Health and Alfred Health). MCHRI aims to facilitate cultural change and build capacity for evidence-based practice, systems change and health care improvement.

MCHRI Units include:
- Women’s Public Health Research;
- Diabetes and Vascular Medicine Research Program;
- Centre for Clinical Effectiveness;
- Clinical Research Support Program; and
- Implementation and Training Program

Women’s Public Health Research

Professor Helena Teede (Head)

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

Diabetes and Cardiovascular Disease Research

Associate Professor Sophia Zoungas (Head)

The Diabetes and Cardiovascular Disease Research Unit, 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 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.

Associate Professor Zoungas was recently the recipient of the largest NHMRC 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 (Monash Innovation & Quality, Monash Health)

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 13th 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.
Implementation and Training Program

Dr Marie Misso (Head)

The MCHRI Implementation and Training Program based at the Monash Health Translation Precinct aims to consolidate and build a clinical translational research culture and capability at Monash Health.

Short-Courses

Building capacity in end user driven research and integration of research into clinical practice are major priorities for MCHRI in the pursuit of healthcare improvements.

The training program provides accessibility for multidisciplinary, non-research active health professionals to:

- high-quality research systems, methodological expertise, advice and support;
- a multidisciplinary training program in clinical research, translation and implementation linked to Monash Health Research Directorate and Ethics programs as well as Monash University programs; and
- opportunities and support for end user engagement in research, including health professionals, consumers and health service management.

The training program is evolving and is being co-designed with broad end user engagement, underpinned by formative research and evaluation.

Available training programs are being explored across Monash University, Monash Health and International bodies including the Institute for Health Service Improvement, and a mixed methods project to determine the needs and preferences of clinical staff is currently underway.

Clinical Research Support Services: Monash Biostatistical Research Support

Associate Professor Sophia Zoungas (Head)

The Monash Biostatistical Research Support Unit, aims to enhance Monash Health’s research efforts by the development, execution and reporting of clinical research studies and clinical audits. It specifically provides advice on study design, grant writing, power calculations and statistical analysis.

This service has provided over 540 hours of consulting time in the last 12 months to more than 40 clinical research groups based at Monash Health, and supports the deliberations of the Human Research and Ethics Committee.

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

These support programs are expanding into a Centre to support clinical applied research at Monash Health.
Undergraduate Teaching

Monash University Bachelor of Health Science

The Bachelor of Health Science (BHScs) continued to grow in 2013, with our largest ever number of students (346), including 86 BHSc /Bachelor of Social Work and 44 BHSc/ Bachelor of Business students.

Our teaching program comprises 27 undergraduate units at Years 1, 2 and 3, taught at our Caulfield campus. 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 PhDs), and non-health careers including teaching and law.

In 2013 a new third year selective-entry research placement unit (HSC3132 Action in Public Health Research) was introduced, providing an opportunity for independent, motivated students to obtain hands-on experience in public health research. A small group of six students formed the first cohort, and were placed with a range of research units within the School, including the Victorian Institute of Forensic Medicine, the Monash Centre for Occupational and Environmental Health, and the Monash Centre for Health and Research Implementation.

We moved to a system of online submission for all written assessment tasks in 2013, thus streamlining the process of submission, grading and providing feedback, which is a great advantage to both students and teaching staff.

Ten students undertook the Honours degree in Bachelor of Health Science, our highest number ever at this level. Honours thesis topics were diverse, and included oral health of injecting drug users, health service use by young women in the Northern Territory, and risk factors in patellar tendinopathy.

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

Bachelor of Medicine and Bachelor of Surgery

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

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

Health Knowledge and Society and Population Health

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

Community-based Practice (CBP) and Health Promotion

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

Occupational and Environmental Medicine

Dr David Goddard coordinates this unit in the second semester of Year 3 and Year B of the graduate entry medical course.

Evidence Based Clinical Practice (EBCP)

Associate Professor Dragan Ilic co-ordinates this unit, aimed to equip students with the skills to identify, appraise and integrate the best available evidence to their clinical training and practice. Associate Professors Dragan Ilic and Elmer Villanueva have worked together to develop the program, delivered to graduate entry medical students.

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

Health systems management and policy (HSMP)

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

New developments for 2014

New modules have been developed during 2013 for delivery for the first time in 2014. The first of these is an online module on mid-life women’s health which will be delivered to Year 5. The second is a module in Prevention Science which will be delivered to Year 2 in parallel with the Rural Health program. There are also planned revisions to the CBP program.

BMedSci Hons Program

The Bachelor of Medical Science (BMedSci), an optional research year undertaken by medical undergraduates, continued to thrive over 2013 under the coordination of Associate Professor Allen Cheng and Dr Jayamini Illesinghe, with Six BMedSci students and eight Indonesian students undertaking a BMedSci (Hons). Topics ranged from studies to assess osteoporosis in middle-aged women, to an evaluation of techniques to extract DNA from toenails for forensics.
After twelve months of valuable hands on experience in the emergency and trauma department of the Alfred hospital Daniel just handed in his final thesis, where he achieved first class honours for his research. “I can tell you the full name of it," he offers with a wry smile. “Acute traumatic coagulopathy of isolated traumatic brain injury.” It’s a bit of a mouthful, but basically Daniel is looking at the way blood clotting works in the brain after an injury. “It’s been a magnificent opportunity," he says. “I’ve learned a lot about how to conduct good research. It’s been a very worthwhile year for me.”

Elements of Forensic Medicine

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

SPHPM Summer Vacation Program

This year, 19 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.

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 ten key areas of law relevant to clinical practice and uses over 60 medical lawyers, clinicians and VFM 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.
Postgraduate Teaching

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

The 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 in Masters, Graduate Diploma and Graduate Certificate. The department offers over 70 postgraduate units, mainly in off campus mode i.e. online plus block days. The Master of Public Health remains the most popular program within the School of Public under the coordination of Dr Helen Kelsall.

In 2013

- A Public Health stream was established in the MPH course.
- The Graduate Diploma and Master of Occupational and Environmental Health were accredited by Australian OHS Education Board.
- The Graduate Certificate, Graduate Diploma and Master of Health Services Management received reaccreditation by Australasian College of Health Services Management (ACHSM) Board.
- We received our highest number of AUSAID international students who enrolled predominantly in our MPH program.
- Our course enrolments continued to grow and DEPM had close to 500 postgraduate student enrolments.

The Department of Forensic Medicine offered the Master of Forensic Medicine, catering for medical and dental practitioners working (or proposing to work) in the field of forensic medicine. This 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.

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Specialisation</th>
<th>Student Course Enrolments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master of Public Health</td>
<td>Public Health</td>
<td>260</td>
</tr>
<tr>
<td>Master of Biostatistics</td>
<td>Biostatistics</td>
<td>22</td>
</tr>
<tr>
<td>Graduate Diploma in Biostatistics</td>
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<tr>
<td>Graduate Certificate in Biostatistics</td>
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<td></td>
</tr>
<tr>
<td>Master Clinical Research</td>
<td>Clinical Research Methods</td>
<td>24</td>
</tr>
<tr>
<td>Graduate Diploma</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graduate Certificate</td>
<td></td>
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</tr>
<tr>
<td>Master of Forensic Medicine</td>
<td>Forensic Medicine</td>
<td>61</td>
</tr>
<tr>
<td>Master of Health Services Management</td>
<td>Health Services Management</td>
<td>112</td>
</tr>
<tr>
<td>Graduate Diploma in Health Services Management</td>
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<tr>
<td>Graduate Certificate in Health Services Management</td>
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<td></td>
</tr>
<tr>
<td>Master of International Health</td>
<td>International Health</td>
<td>34</td>
</tr>
<tr>
<td>Graduate Diploma in International Health</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Master of Occupational &amp; Environmental Health</td>
<td>Occupational &amp; Environmental Health</td>
<td>49</td>
</tr>
<tr>
<td>Graduate Diploma in Occupational &amp; Environmental Health</td>
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<td></td>
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<tr>
<td>Graduate Certificate in Occupational Health</td>
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</table>

Total postgraduate course enrolments 562

as of at 07.08.2013 (Monash Statistical Services)

Website: www.med.monash.edu.au/spphpm/postgrad.html
Doctoral Training

Our Higher Degree by Research (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 2013, a total of 146 HDR students were enrolled, including 36 new students. These comprised 131 PhD, 2 MD, 10 DPH (Doctor of Public Health), 1 Master of Philosophy and 2 Master of Surgery students. By the end of 2013, 13 HDR Students (11 PhD, 1 DPH, 1 M Surg) had been examined and passed.

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 administrator, Ms Natalie Pekin, also provides assistance and administrative support.

The Following doctoral students received awards during 2013:

Mr Luke Rodda
Best Paper Early Career Researcher SPHPM
Full PhD Student Scholarship (from Forensic and Clinical Toxicology Association Inc)

Ms Melanie Gibson-Helm
Best Free Communication award at the Royal Australian and New Zealand College of Obstetricians and Gynaecologists Annual Scientific Meeting in Sydney 8-11 September for her presentation: “Maternal health and pregnancy outcomes among women of refugee background in Australia”.

Mr Matthew Page
The Australasian Epidemiological Association (AEA) Early Career Researcher Travel Award, and the Australasian Epidemiological Association (AEA) Student Conference Award for submitting one of the best abstracts to the 2013 AEA Annual Scientific Meeting by a postgraduate student.

Ms Sarah Shen
Travel research grant from Southern Melbourne Integrated Cancer Service (SMICS) to present research work at the 8th World Congress of Melanoma.

Ms Shan Liu
ISHR/CSANZ prize for best mini oral presentation at the 37th Annual Scientific Meeting of the Cardiac Society of Australia and NZ on the Gold Coast.

Chinese Government Award for Outstanding Self-financed Students Abroad for 2012.

Mrs Ensieh Fooladi
Young Investigator Award and Travel Award to North American Menopause Society Congress, Dallas, Texas

The North American Menopause Society New Investigator Travel Award

Mr Chris Morrison
Faculty Excellence Award

Dr Zoe McQuilten
Australian and New Zealand Society of Blood Transfusion CSL Behring Overseas Travel Grant 2013
With a string of letters already after her name and a successful career in epidemiology, it is not unreasonable to ask why Alison Markwick enrolled in a PhD in the School of Public Health and Preventive Medicine.

A senior epidemiologist in the Health Intelligence Unit, Prevention and Population Health Branch in the Victorian Department of Health, Alison has a Master of Science in Immunology from Monash University, a Master of Public Health from the Johns Hopkins University and a Master of Epidemiology from the University of Melbourne.

“I decided to do a PhD because it is always something I’ve wanted to do,” said Alison. “But with having children and moving between Australia, the US and the UK, the opportunity didn’t present itself until now.”

With a general paucity of data on the health and wellbeing of Aboriginal Australians in Victoria, Alison’s research is focussing on the determinants of Aboriginal health and wellbeing in this state.

“Most of the available data is national data and often there is an assumption that this is representative of all Aboriginal peoples,” added Alison. “However, this may mask important differences in the determinants of the health and wellbeing of Aboriginal people in Victoria.”

In a report Alison wrote for the Health Intelligence Unit, based on data from the Victorian Population Health Survey, she had found enormous gaps between the Aboriginal and non-Aboriginal population in almost all measures of health and wellbeing.

“I found these disparities very disturbing and wanted an opportunity to delve into the data more extensively,” said Alison. “And I was very happy to have the opportunity to do my PhD at Monash, my original alma mater.”

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Alison hopes that her research will help inform future policy and action to ultimately eliminate the shameful gap that continues to exist in the health and wellbeing of Australia’s first people.
Short Courses

The SPHPM Short course program ran 10 very successful short courses in 2013 attracting over 300 enrolments. 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 Mosge (Centre Manager, MonCOEH) and Ms Karen Waugh (Administrative Assistant, GHSU) under the academic guidance of Professor Andrew Forbes.

### Course Title and Convenor

<table>
<thead>
<tr>
<th>Course Title and Convenor</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Australian Certificate of Civil Aviation Medicine (ACCAM)</strong> Dr David Newman</td>
<td>This two week course qualifies medical practitioners to register with the Civil Aviation Safety Authority as Designated Aviation Medical Examiners (DAMEs).</td>
</tr>
<tr>
<td><strong>Biostatistics for Clinical and Public Health Researchers</strong> Dr Baki Billah</td>
<td>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 biocscience.</td>
</tr>
<tr>
<td><strong>Ethics and Good Research Practice</strong> Dr Liz Bishop</td>
<td>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.</td>
</tr>
<tr>
<td><strong>Health Promotion</strong> Ms Nerida Joss, Dr Darshini Ayton and Mrs Ruth Klein</td>
<td>This five-day course for health practitioners develops knowledge and skills for health promotion planning, strategy selection and evaluation.</td>
</tr>
<tr>
<td><strong>Introduction into Systematic Reviews of Interventions</strong> Mr Matt Page and Ms Miranda Cumpston</td>
<td>Students of this course receive a detailed introduction to the methods involved in conducting a systematic review of an intervention, enabling participants to plan and commence a review of their own.</td>
</tr>
<tr>
<td><strong>Introduction to Data Analysis: SPSS without tears</strong> Dr Baki Billah</td>
<td>This short course involves students using SPSS for data analysis. Students have the opportunity to analyse real life medical data and are given guidance on the appropriate understanding of the results of the analyses.</td>
</tr>
<tr>
<td><strong>Introduction to Clinical Research and Evidence Based Practice (EBP)</strong> A/ Prof Dragica Illic</td>
<td>This short course introduces the first two steps of the EBP process, including research designs. The course also focuses on steps 3 and 4 of the EBP process, with emphasis on the critical appraisal aspect of EBP.</td>
</tr>
<tr>
<td><strong>Introduction to Stata</strong> Prof Rory Wolte and Ms Pam Simpson</td>
<td>This course provides an introduction to the statistical analysis software program, Stata Release 12, covering basic data management issues and popular epidemiological analyses.</td>
</tr>
<tr>
<td><strong>Monash Certificate in Clinical Occupational Medicine</strong> Dr David Fish</td>
<td>A short course designed for occupational medicine trainers 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.</td>
</tr>
<tr>
<td><strong>Survival Analysis with Stata</strong> Prof Rory Wolte</td>
<td>This course provides a thorough introduction to basic survival analysis concepts and methods, and covers selected advanced issues. It also provides training that enables people to perform their own survival analyses in the Stata 13 statistical software package.</td>
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</tbody>
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### Australian Certificate of Civil Aviation Medicine (ACCAM) short course

Monash University has been hosting the ACCAM course for over 20 years. This course introduces medical practitioners to the medical and physiological aspects of aviation and the regulatory framework for aviation in Australia. The course is a requirement to be able to register with the Civil Aviation Safety Authority (CASA) as a Designated Aviation Medical Examiner (DAME). The role of a DAME is to examine pilots and air traffic controllers for fitness to work.

Course coordinator Associate Professor David Newman has been running this course since 2000 and brings to each course a wealth of knowledge in aviation medicine. David spent over 12 years in the RAAF as a qualified pilot, and has flown a variety of military and civilian fixed-wing and rotary-wing aircraft, including 150 hours in high performance aircraft such as the F/A-18 and Harrier.

In 2013, the ACCAM course ran twice, at the Royal Aeronautical Society. He is also a Fellow of the Royal Aeronautical Society. He has also been awarded a PhD in physiology and is a Fellow of the Aerospace Medical Association and the Royal Aeronautical Society. He is also a qualified pilot, and has flown a variety of military and civilian fixed-wing and rotary-wing aircraft, including 150 hours in high performance aircraft such as the F/A-18 and Harrier.

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In 2013, the ACCAM course ran twice, at the Royal Aeronautical Society. He is also a Fellow of the Aerospace Medical Association and the Royal Aeronautical Society. He is also a qualified pilot, and has flown a variety of military and civilian fixed-wing and rotary-wing aircraft, including 150 hours in high performance aircraft such as the F/A-18 and Harrier. The final exam produced an excellent overall score for the July 2013 group; the Dux was awarded to Dr Foti Blaher with an impressive exam result of 95%. Students of the November course also managed a 100% pass rate with Dr Sally Cornish taking the Dux award with a result of 91%.

The ACCAM course will run in July and December 2014.
Senior Lecturers and Research Fellows

Dr Nick Andrianopoulos; MBBS
Dr Rosalee Ann; BA(Hons), PHD
Dr Cacle Aubron; PHD
Dr Anna Barker; B, PhD, M(Phy)(Genetics)
Dr Deza Bener, BSc, MSc, PhD, FAICM
Dr Neville Beattie, BSc, PHD
Dr Blaise_Codd, PhD, MPH, FAC
Dr Andrew Westbroek; MB, BA, BCh, FCAMS, FCICM

Adjunct Senior Research Fellows/Adjunct Senior Associates

Dr Anwarai Abdulah; MBBS (Hons), MPH
Dr Che фото (PHD)
Dr Melina Karnon; BSc, MPH, FAC
Dr Paolo Longworth; BA(Hons), PHD
Dr Dean McKenzie; BA(Hons), PhD, FHKCP, FANZCA, EMBA, GAICD
Dr Belinda Crockett; BA, BSc, MPH, FFAICM
Dr Olivia Kertesz; MB, MPH
Dr Jonathan Bley; B, PhD, MPH
Dr Jacklyn Berry; B, PhD, MPH
Dr Mohammad Reza; BSc, MPH, FAC
Dr Michael Ackland; MB, MPH, FAICM
Dr Asnawi Abdullah; MBBS, MPH, FRACGP, FACC, FCSANZ
Dr Daryl Jones; BSc(Hons) MBBS
Dr Soren Blau; BA(Hons), MSc,
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Dr Soren Blau; BA(Hons), MSc,
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<tr>
<th>Source</th>
<th>Project Title</th>
<th>Names of Investigators</th>
<th>Duration</th>
<th>Amount received in 2013</th>
<th>Total funds</th>
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<tr>
<td>ACC, NZL</td>
<td>Medical Assessments: Environmental Scan</td>
<td>Collie, Alexander (CIA)</td>
<td>2013-2013</td>
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<td>Alzheimer’s Australia</td>
<td>A randomised controlled trial of MAXCOG: an individualised early intervention program for people with Mild Cognitive Impairment or Early Dementia and their family supporters</td>
<td>Regan, Bridget J (CIA)</td>
<td>2013-2013</td>
<td>$50,000</td>
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<td>APC-Grant</td>
<td>Developing culturally relevant social marketing interventions to increase blood donation amongst migrant communities: the case of African migrants</td>
<td>Renzaho, Andre (CIA); Jones, Sandra C; Polonsky, Michael J; Smith, Geoff V</td>
<td>2013-2015</td>
<td>$58,295</td>
<td>$144,613</td>
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<td>Enhancing health literacy to optimise health equity across Victorian communities</td>
<td>Buchbinder, Rachelle (CIA); Osborne, Richard H; Beauchamp, Alison J</td>
<td>2013-2015</td>
<td>$12,327</td>
<td>$36,980</td>
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<tr>
<td>Community Capacity Building for Healthy Lifestyles (CBHL) Initiative: Engaging communities in childhood obesity prevention in disadvantaged areas</td>
<td>Renzaho, Andre (CIA); Oldenburg, Brian F; Melb, David J; Polonsky, Michael J; Green, Julie B; Horton, Kelly; Nicholson, Jan</td>
<td>2013-2016</td>
<td>$42,577</td>
<td>$70,586</td>
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<tr>
<td>Elucidating the increasing demand for genital cosmetic surgery among girls and women in Australia</td>
<td>Kirkman, Maggie (CIA); Dobson, Amy RS; Fisher, Jane RW; Souter, Kay; Butera, Riba G; Casper, Gabrielle R; Dally, Genevieve; Farrell, Elizabeth F; L’Huilier, Elsie; Malone, Jessica; Michelmore, Janet H; Tominson, Jillan; Vollenhoven, Beverley J; Yap, Deslane</td>
<td>2013-2016</td>
<td>$56,223</td>
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<td>Harnessing recreational infrastructure to improve physical activity and community well-being</td>
<td>Smith, Benjamin J (CIA); Ewing, Michael; Mahal, Ayya S; Newton, Fiona J; Bauman, Adrian; Donovan, Robert J; MacKay, Bruce J</td>
<td>2013-2016</td>
<td>$28,614</td>
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<td>Understanding individual, workplace and system level influences on return to work in a changing Australian labour market</td>
<td>Smith, Peter M (CIA); Sim, Malcolm R; Lamontagne, Anthony D; Broome, Tracy M; Fitzpatrick, Theresa M; Hill, Julie; Hodgson-Johnson, Shelah; Lilley, Rebbecca; McCormick-Lynch, Helen; Ryan, Susan</td>
<td>2013-2016</td>
<td>$54,721</td>
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<td>AstraZeneca United Kingdom Ltd Contract</td>
<td>Studies to determine the efficacy of AstraZeneca compounds modulating monocyte-inflammatory axes in a rat model of cardionodal syndrome</td>
<td>Kran, Harry (CIA); Kompa, Andrew R; Kelly, Cameron</td>
<td>2013-2014</td>
<td>$201,450</td>
<td>$227,300</td>
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<td>BUPA Health Foundation</td>
<td>Improving the health of Australian women at midlife</td>
<td>Davis, Susan R (CIA); Bell, Robin J; Lukkarin, Jayashri; Panjari, Mary</td>
<td>2013-2015</td>
<td>$100,000</td>
<td>$280,000</td>
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<td>Blumat Institute-Contract</td>
<td>Local Refinement and Field Testing of the Thinking Healthy Program - Vietnamese Adaptation</td>
<td>Fisher, Jane RW (CIA)</td>
<td>2013-2013</td>
<td>$51,491</td>
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<td>Commonwealth Department of Defence, Australia - Contract</td>
<td>Australian Fire Fighters’ Health Study</td>
<td>Glass, Deborah C (CIA); Del Monaco, Anthony; Sim, Malcolm R</td>
<td>2013-2013</td>
<td>$150,000</td>
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<td>Source</td>
<td>Project Title</td>
<td>Names of Investigators</td>
<td>Duration</td>
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<td>Department of Veterans’ Affairs-Grant</td>
<td>Depression in Australian Gulf War Veterans: identification of key depressive symptoms and their comorbidity with physical and psychological illness</td>
<td>McKeanie, Dean P (CIA); Blackman, Jillian E; Clarke, David M; Forbes, Andrew B; Kalsail, Helen; Sim, Malcolm R</td>
<td>2013-2013</td>
<td>$152,607</td>
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<tr>
<td></td>
<td>Systematic review of psychological disorder multisymptom disorder and chronic fatigue syndrome in veterans of deployment to the Gulf War Iraq War and Afghanistan</td>
<td>Kalsail, Helen (CIA); Forbes, Andrew B; Sim, Malcolm R; Creamer, Mark C</td>
<td>2013-2014</td>
<td>$92,468</td>
<td>$138,702</td>
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<tr>
<td>Equity Trustees Ltd - Phyllis Connor Memorial Grant</td>
<td>Preventing Vision Loss in the Elderly - A Mobile Retinal Camera and Clinical Assessment Vehicle (BioBus)</td>
<td>McNeil, John J (CIA); Woods, Robyn</td>
<td>2013-2013</td>
<td>$88,974</td>
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<td>Heart Foundation of Australia</td>
<td>Effect of Renal Sympathetic Denervation on Glycemic Status Independent of Blood Pressure Lowering</td>
<td>Krum, Harry (CIA); Bailey, Michael J; McDonell, Glenn; Schlaich, Markus; Shaw, Jonathan</td>
<td>2013-2015</td>
<td>$16,237</td>
<td>$129,892</td>
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<td>Heart Foundation-Contract</td>
<td>Heart Foundation Warning Signs Campaign: Evaluation Research Project</td>
<td>Finn, Judith (CIA); Bray, Janet E</td>
<td>2013-2014</td>
<td>$64,509</td>
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<td>Inner Southern Community Health Services-Application</td>
<td>Oral Health Program: Priority Populations Service Review</td>
<td>Oldroyd, John C (CIA)</td>
<td>2013-2013</td>
<td>$16,000</td>
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<tr>
<td>Medpace Australia Pty Ltd (MEDPACE, AU5)-Contract</td>
<td>A Placebo-Controlled, Randomized, Double-Blind, Parallel Group, Dose Finding Trial to Evaluate the Efficacy &amp; Safety of TBS-2 Intraskeletal Testosterone Gel in Pre-Menopausal Woman with Acquired Female</td>
<td>Davis, Susan R (CIA)</td>
<td>2013-2014</td>
<td>$58,686</td>
<td>$67,647</td>
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<td>Municipal Association of Victoria</td>
<td>Research on EGM gambling regulatory and administrative reform</td>
<td>Livingston, Charles H (CIA); Francis, Louise</td>
<td>2013-2013</td>
<td>$3,300</td>
<td>$7,260</td>
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<td>NHMRC-Practitioner Fellowship</td>
<td>NHMRC Practitioner Fellowship</td>
<td>Cooper, David J (CIA)</td>
<td>2013-2017</td>
<td>$71,005</td>
<td>$380,450</td>
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<td>NHMRC-Career Development Fellowship</td>
<td>Quantifying the burden, understanding the predictors, and improving the outcomes of non-fatal injury</td>
<td>Gabb, Belinda J (CIA)</td>
<td>2013-2016</td>
<td>$102,630</td>
<td>$439,920</td>
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<td>NHMRC-Centre of Research Excellence (CRI) Grant</td>
<td>Centre for Population Health Research on Electromagnetic Energy</td>
<td>Abramson, Michael J (CIA); Barnea, Geza P; Sim, Malcolm R; Croft, Rodney J; Crozier, Stuart; Vermeulen, Rosi; Waidmann, Peter</td>
<td>2013-2018</td>
<td>$87,859</td>
<td>$2,499,157</td>
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<td></td>
<td>Cardiovascular and respiratory health effects of exposure to air pollutants from prescribed / unplanned burning</td>
<td>Dennenkamp, Martina N (CIA); Abramson, Michael J; Johnston, Fay; Maye, Mick</td>
<td>2013-2013</td>
<td>$20,000</td>
<td>$20,000</td>
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<tr>
<td>NHMRC- Cochrane Collaboration Grant</td>
<td>Australasian Cochrane Centre</td>
<td>Green, Sally E (CIA); McDonald, Steven</td>
<td>2013-2015</td>
<td>$692,000</td>
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<td>Cochrane muscularskeletal group</td>
<td>Buchbinder, Rachelle (CIA); Johnston, Renea; Martin, Elizabeth; Winzenberg, Tania M</td>
<td>2013-2015</td>
<td>$60,000</td>
<td>$180,000</td>
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<tr>
<td>NHMRC-Contract</td>
<td>Evidence based health advice for the National Health and Medical Research Council on Natural Therapies</td>
<td>Green, Sally E (CIA); McDonald, Steven; McKenzie, Joanne E</td>
<td>2013-2014</td>
<td>$20,294</td>
<td>$51,105</td>
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<td>NHMRC- Early Career Researcher Fellowship</td>
<td>The relationship between happiness and health</td>
<td>Freak-Pok, Rosanne (CIA)</td>
<td>2013-2016</td>
<td>$10,180</td>
<td>$221,917</td>
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<tr>
<td>NHMRC- Equipment Grant</td>
<td>QuantStudioTM 7 Flex qPCR System with automation robot from Applied Biosystems for gene expression profiling, analysis and profiling of genomic biomarkers</td>
<td>Krum, Harry (CIA)</td>
<td>2013-2013</td>
<td>$110,000</td>
<td>$110,000</td>
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<tr>
<td>NHMRC- Partnership Projects Grant</td>
<td>A multi-centre RCT to prevent secondary falls in older people presenting to the emergency department with a fall</td>
<td>Barker, Anna (CIA); Cameron, Peter; Hanses, Terrence P; Lowthian, Judy; Forbes, Andrew B; Arendts, Glenn; Flicker, Leon; Hill, Keith; Reidlott, Julie; Waidron, Nicholas G</td>
<td>2013-2015</td>
<td>$0</td>
<td>$1,488,315</td>
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<td>Improving the health of people with type 2 diabetes using ICT</td>
<td>Oldenburg, Brian (CIA); Dominique, Bird; Harris, Mark; Riddell, Michaela; Russell, Anthony; Southam, Paul; Speight, Jane; Williams, Emily</td>
<td>2013-2016</td>
<td>$0</td>
<td>$810,962</td>
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<td>NHMRC-Postgraduate Scholarship</td>
<td>Tracking injuries in community sport</td>
<td>Biagreg, Christina L (CIA)</td>
<td>2013-2014</td>
<td>$31,379</td>
<td>$43,033</td>
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<td>Conducting and using health service evaluations in the field</td>
<td>Morello, Renato (CIA)</td>
<td>2013-2015</td>
<td>$31,379</td>
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<td>The gender specific health needs of women with chronic and complex conditions</td>
<td>Worsley, Robin (CIA)</td>
<td>2013-2015</td>
<td>$35,898</td>
<td>$117,368</td>
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<tr>
<td>NHMRC-Project Grant</td>
<td>Implications of the increasing duration of life spent with obesity for population health</td>
<td>Wolfs, Rory S J (CIA); Backholer, Kathryn; Barendregt, Jan J; Peeters, Anna</td>
<td>2013-2013</td>
<td>$34,000</td>
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<td></td>
<td>Modelling of Clinic and Ambulatory Blood Pressures on Cardiovascular Risk and Outcomes</td>
<td>Reid, Christopher M (CIA); Owen, Alice J; Willansson, Elizabeth J; Adams, Zarinna; Liew, Danny YH</td>
<td>2013-2014</td>
<td>$60,880</td>
<td>$130,481</td>
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<tr>
<td></td>
<td>Banking on the future: Establishing evidence for policy, protocols, and patient care relating to storage of reproductive material before treatment for cancer</td>
<td>Finher, Jane RW (CIA); Hammarberg, Karin; Kihman, Maggie; McClachlan, Robert; Rombouts, Luk; Valekofvan, Beverley J; Dock, Debra A; Stern, Catharyn</td>
<td>2013-2015</td>
<td>$147,468</td>
<td>$566,714</td>
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<td></td>
<td>Targeting bone marrow lesions to find biomarkers of osteoarthritis</td>
<td>Findlay, David (CIA); Wu, Anita; Kulemba, Julia; Taylor, David</td>
<td>2013-2015</td>
<td>$12,000</td>
<td>$2,000</td>
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<tr>
<td></td>
<td>Comparative effectiveness of ultrasound-guided injection with either autologous platelet rich plasma or glucocorticoid for ultrasound-proven lateral epicondylitis: a three-arm randomised</td>
<td>Buchbinder, Rachelle (CIA); Harris, Anthony H; Staples, Margaret</td>
<td>2013-2015</td>
<td>$165,334</td>
<td>$510,804</td>
</tr>
</tbody>
</table>
### Project Title
- Does statin use have a disease modifying effect in asymptomatic knee osteoarthritis? A multicentre, randomised, double-blind, placebo-controlled trial
- Early Goal-Directed Sedation compared with standard care in mechanically ventilated critically ill patients: A prospective multicentre randomised controlled trial.
- Low dose aspirin and age-related macular degeneration: randomised controlled trial.
- The influence of anaesthetic depth on patient outcome after major surgery
- A 10 year follow up of the Tasmanian Older adult cohort (TASOAC)

### Names of Investigators
- Wang, Yuanjuan (CIA); Cicuttini, Ravla M; Torrini, Andrew M; Ding, Changhui; Hill, Catherine; Jones, Graeme
- Bailey, Michael J (CIA); Balmo, Rinaldo; Howe, Belinda D; Shehab, Yahya; McArthur, Colin; Reade, Michael C; Seppelt, Ian M
- McNiel, John J (CIA); Woods, Robyn L; Gaymer, Robyn H; Robmam, Luba R
- Lader, Karin S (CIA); Fisher, David; Wolfs, Rory J; Woods, Robyn L; Eisen, Damon P; McIlroy, Emma
- Myles, Paul (CIA); Leslie, Kat; Chan, Matthew T; Corcoran, Tommas; Paech, Michael; Short, Timothy G
- Graeme, Jones (CIA); Cicuttini Flavia

### Duration
- 2013-2015
- 2013-2017
- 2013-2017
- 2013-2013
- 2013-2016

### Amount received in 2013
- $192,202
- $407,603
- $279,014
- $610,702
- $0

### Total funds
- $717,699
- $2,762,725
- $991,797
- $650,702
- $652,772

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### Grants and Contracts Continuing in 2013

<table>
<thead>
<tr>
<th>Source</th>
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<th>Names of Investigators</th>
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<tr>
<td>Victoria Law Foundation</td>
<td>Health Legal Partnerships (HLPs) - Designing a targeted training program</td>
<td>Bishop, Elizabeth J (CIA)</td>
<td>2013-2014</td>
<td>$2,617</td>
<td>$4,362</td>
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<tr>
<td>Victorian WorkCover Authority</td>
<td>Investigation of the impacts of the WorkHealth Coach Program to enable positive sustainable behaviour change for worker health</td>
<td>Oldenburg, Brian F (CIA); Joss, Neiida A</td>
<td>2013-2013</td>
<td>$17,300</td>
<td>$131,521</td>
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<td>Water Quality Australia Limited</td>
<td>A novel approach to quantify indirect ingestion of recycled water: Improving the evidence base for water guidelines (Stage 2A)</td>
<td>Sniocar, Martha I (CIA); Lader, Karin S; D'Oro, Joanne E; Jones, Oliver; Nguyen, Thang; Roddick, Felicity; Roizler, ginger</td>
<td>2013-2013</td>
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### Project Title
- Therapeutic Efficacy and Mechanisms of Combined Angiotensin II Receptor and Neprilysin Inhibition (ARNI) in a Post-MI Model of Cardiac Remodelling: In vivo study
- Therapeutic Efficacy and Mechanisms of Combined Angiotensin II Receptor and Neprilysin Inhibition (ARNI) in a Post-MI Model of Cardiac Remodelling: In vivo study
- Therapeutic Efficacy and Mechanisms of Combined Angiotensin II Receptor and Neprilysin Inhibition (ARNI) in a Post-MI Model of Cardiac Remodelling: In vivo study

### Names of Investigators
- Krum, Henry (CIA)
- Wood, Erica M (CIA); Spoerer, Andrew; McQuinn Zoa
- Wood, Erica M (CIA); Ho, Joy; Bowder, Dom; Cole, Catharine; Cole- Sinclair, Marcola; Engelbrecht, Surenelle; Frayn Jon; McRae Simon; Panich, Santi; Rayen; Scarletbough, Rl; Shaw, Joanne, Tea; Juliana

### Duration
- 2013-2014
- 2013-2013
- 2013-2014

### Amount received in 2013
- $76,734
- $100,000
- $100,000

### Total funds
- $182,340
- $150,000
- $150,000

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### Project Title
- Osteoporosis Australia
- Philanthropy, ANZ Trustees
- The Australian Longitudinal Study of Older Persons (ALSOCP) Study
- Royal Australasian College of Physicians - Fellowship
- The Australia and New Zealand School of Government
- The Jack Brockhoff Foundation

### Names of Investigators
- Davis, Susan R (CIA); Bell, Robin J
- McNeil, John J (CIA); Owen, Alive; Woods, Robyn; Ward, Stephanie
- McNeil, John J (CIA); Owen, Alive; Woods, Robyn; Ward, Stephanie
- Roberts, Minayo H (CIA); Sim, Malcolm R
- Livingstone, Charles H (CIA); Pintoul, Angela
- McNeil, John J (CIA); Woods, Robyn; Robmam, Luba

### Duration
- 2013-2014
- 2013-2015
- 2013-2013
- 2013-2013
- 2013-2013
- 2013-2013

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- $25,000
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- $30,000
- $10,000
- $24,500

### Total funds
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- $100,000
- $30,000
- $30,000
- $10,000
- $24,500

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### Source | Project Title | Names of Investigators | Duration | Amount received in 2013 | Total funds |
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<td>A controlled evaluation of the Australasian Pears for Progress Diabetes Program (PFP-CP) and its transferability to other contexts</td>
<td>Oldenburg, Brian F (CIA); De Courten, Maximilian F; Wolfs, Rory J; Zan; Anuar, Adzbot; Pkikiki, Autekh; Ralph, Carter; Rock, C; Dunbar, James A; Johnson, Greg J; Reddy, Piusuna</td>
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<td>Reducing the social, economic and health burden associated with obesity-related chronic diseases among socio-economically disadvantaged populations</td>
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<td>Epidemiological modeling of cardiovascular disease and diabetes in Australia</td>
<td>Reid, Christopher M (CIA); Owen, Alice J; Magiano, Dianna J; Zemar, Ela; Loe, Danny YH; Shaw, Jonathan</td>
<td>2007-2013</td>
<td>$370</td>
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<td>Citizen engagement: Listening to citizens’ views about Australia’s health system and prevention</td>
<td>Oldenburg, Brian F (CIA); Joyce, Catherine M; Dugdall, Paul; Edgar, Kathy; Gericke, Christian A; Hartz, Jork, Janette F; Lin, Vivian; Mchut, Alyson J; Sagal, Leonic; Bait, Jacqueline; Goodwin, Moria; O’Brien, Sinead; D’Oro, Ross; Pruss, David; Sattie, Catherine</td>
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<td>Understanding fertility management in contemporary Australia</td>
<td>Fisher, Jane RW (CIA); Rowe, Heather; McNamara, Kathleen M; Bayly; Christina M; Jordan, Lynne; McBlain, John; Sirodot, Victor</td>
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<td>African youth and obesity: The role of the intergenerational acculturatio</td>
<td>Renzaho, Andrea (CIA); Lo, Sling K; Melor, David J; Swinburn, Boyd A; Green, Julie B</td>
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**Amount** received in 2013 is the sum of the amounts received in that year. **Total funds** is the total amount of money received over the duration of the project.
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<td>GlaxoSmithKline Australia Pty Ltd</td>
<td>A Clinical Outcomes Study of Darapladib versus Placebo in Subjects with Chronic Coronary Heart Disease to Compare the Incidence of Major Adverse Cardiovascular Events (MACE) - STABILITY Trial</td>
<td>Krum, Henry (CIA)</td>
<td>2009-2013</td>
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<td>Heart Foundation</td>
<td>Improving the health outcomes of people with diabetes: developing and evaluating strategies to prevent and manage cardiovascular disease</td>
<td>Zoungas, Sophia (CIA)</td>
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<td>Heart Foundation</td>
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<td>Medibank Private-Contract</td>
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<td>National Institutes on Aging/ National Cancer Institute</td>
<td>ASPREE Cancer Endpoints Study</td>
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<td>National Institutes of Health, Fogarty International Center</td>
<td>Building the Asian non-communicable disease research network for regional research capacity</td>
<td>Oldenburg, Brian F (CIA); Abdul Kazil, Khalid; Fisher, Edwin B; Thanikappan, Kavumpruthu</td>
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<td>NHMRC- Early Cancer Fellowship</td>
<td>National prospective cohort study on transition practice and patient outcomes in the setting of critical bleeding and massive transfusion.</td>
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<td>NHMRC- Early Cancer Fellowship</td>
<td>The psychosocial work environment and workplace sedimentary behaviour as risk factors for type 2 diabetes and CVD.</td>
<td>Keag, Tessa G (CIA)</td>
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<td>Intensive care management and quality of survival of acute respiratory distress syndrome</td>
<td>Hodgson, Carol I (CIA)</td>
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<td>Investigating healing outcomes in people with various ulcers: a randomised controlled trial</td>
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<td>Quantifying the microbial health risks of expanded alternative water use</td>
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<td>Sexual function and psychosocial wellbeing in women after colorectal cancer</td>
<td>Panjari, Marj O (CIA)</td>
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<td>Improving the control of hypertension in rural India: Overcoming barriers to diagnosis and effective treatment.</td>
<td>Thrift, Amanda G (CIA); Evans, Roger G; Mahal, Aay B; Oldenburg, Brian F; Srikaranth, Vandal; Chow, Clara; Thankappan, Kavumppathi; Thomas, Nihal</td>
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<td>Zoungas, Sophia (CIA); Kent, Peter; Polkinghoma, Kavan R; Russell, Grant M; Teale, Helen J; Walker, Rowan; Caiss, Alan; Fulcher, Gregory R; Gallagher, Martin P; Johnson, Greg J</td>
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<td>Right Care, Right Time, Right Place: Improving outcomes for people with spinal cord injury through early intervention and improved access to specialist care</td>
<td>Cameron, Peter (CIA); McClure, Roderick J; Bowan, David; Brown, Douglas J; Harrison, James; Lyons, Nigel; Marshall, Ruth; Middleton, James</td>
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<td>Prevention and treatment of chronic heart and kidney disease via epidemiological, pharmacological device and cell-based approaches</td>
<td>Krum, Henry (CIA); Reid, Christopher M; Kelly, Darren J</td>
<td>2010-2013</td>
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<td>A randomised placebo-controlled trial of erythropoietin in ICU patients with traumatic brain injury</td>
<td>Belforno, Rinoaldo (CIA); Cooper, David J;Nichol, Alastair D; Myburgh, John A; Presnall, Jeffrey</td>
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<td>A case control study of risk factors for aggressive prostate cancer</td>
<td>Sim, Malcolm R (CIA); Giles, Graham G</td>
<td>2010-2013</td>
<td>$4,545</td>
<td>$97,745</td>
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<td>What matters to women diagnosed with breast cancer during their reproductive years? A qualitative investigation of fertility, reproductive health, hastability, and related psychosocial needs using a</td>
<td>Fisher, Jane RW (CIA); Kirkman, Maggie; Apicella, Carmel; Hickey, Martha; Khog, Louise; Winship, Ingrid</td>
<td>2011-2013</td>
<td>$40,619</td>
<td>$313,043</td>
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<td>Mediterranean diet and mortality: Analysis of longitudinal dietary patterns using newly developed statistical methods</td>
<td>Forbes, Andrew B (CIA); Gurrin, Lyle C; Hodge, Alison M; Simpson, Julie A</td>
<td>2011-2013</td>
<td>$82,041</td>
<td>$333,008</td>
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<td>Randomised sham-controlled trial of acupuncture for post-menopausal hot flushes</td>
<td>Teale, Helen J (CIA); Pirrota, Marie</td>
<td>2011-2013</td>
<td>$18,700</td>
<td>$39,900</td>
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<td>Third Euro-Australian respiratory health survey</td>
<td>Abramson, Michael J (CIA); Barke, Stasa P; Charnage, Shyamal C; Thompson, Bruce R</td>
<td>2011-2013</td>
<td>$126,814</td>
<td>$344,370</td>
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<td>Young people with old knees: Knee ligament reconstruction and early joint changes</td>
<td>Cicuttini, Flavia M (CIA)</td>
<td>2011-2013</td>
<td>$44,125</td>
<td>$44,125</td>
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<td>NHMRC Postgraduate Scholarship Grant</td>
<td>NHMRC Medical &amp; Dental Postgraduate Research Scholarship - Zoe McQuillan</td>
<td>McQuillan, Zoe (CIA)</td>
<td>2011-2013</td>
<td>$25,657</td>
<td>$63,274</td>
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<td>Preventing weight gain in reproductive aged women living in rural communities</td>
<td>Robeski, Irene (CIA)</td>
<td>2011-2013</td>
<td>$24,735</td>
<td>$60,752</td>
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<td>NHMRC Public Health Postgraduate Research Scholarship #67979 - Alisa Higgins</td>
<td>Higgins, Alisa (CIA)</td>
<td>2009-2013</td>
<td>$17,617</td>
<td>$115,971</td>
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<td>NHMRC Practitioner Fellowship</td>
<td>Cameron, Peter (CIA)</td>
<td>2009-2013</td>
<td>$19,524</td>
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<td>NHMRC Research Fellowship</td>
<td>Davis, Susan R (CIA)</td>
<td>2008-2013</td>
<td>$147,145</td>
<td>$430,653</td>
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<td>NHMRC Research Fellowship</td>
<td>Reid, Christopher M (CIA)</td>
<td>2008-2013</td>
<td>$121,828</td>
<td>$692,045</td>
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<td>NHMRC Research Fellowship</td>
<td>Reid, Christopher M (CIA)</td>
<td>2008-2013</td>
<td>$121,828</td>
<td>$692,045</td>
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<tr>
<td>Source</td>
<td>Project Title</td>
<td>Names of Investigators</td>
<td>Duration</td>
<td>Amount received in 2013</td>
<td>Total funds</td>
</tr>
<tr>
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<td>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</td>
<td>Barker, Arina (CIA); Brand, Caroline A; Haines, Terrence P; Jolley, Damian J; Stoff, Mari A; Brauer, Sandra; Hill, Kathryn D</td>
<td>2011-2013</td>
<td>$1,189,093</td>
<td>$1,191,542</td>
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<td>The RINSE trial: the rapid infusion of cold normal saline by paramedics during CPR</td>
<td>Bernard, Stephen A (CIA); Cameron, Peter; Smith, Karen L; Fire, Judith; Jacobs, Ian G</td>
<td>2011-2013</td>
<td>$129,973</td>
<td>$300,188</td>
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<td>Kenia Diabetes Prevention Program (K-DPP): A cluster RCT of its effectiveness and cost-effectiveness</td>
<td>Oldenburg, Brian F (CIA); Hollingsworth, Bruce P; Jolley, Damian J; Tapp, Robyn J; Zimmet, Paul J; Fisher, Edwin B; Thankappan, Kavumathu</td>
<td>2011-2013</td>
<td>$164,624</td>
<td>$653,944</td>
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<td>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 cardiovascular event</td>
<td>Mylés, Paul (CIA); Leslie, Kato; Chow, Clara; Paech, Michael; Storv, David A</td>
<td>2011-2013</td>
<td>$218,595</td>
<td>$683,180</td>
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<td>SEA-URCHIN: South East Asia - Using research for change in hospital-acquired infection in neonates</td>
<td>Green, Sally E (CIA); McDonald, Steven; McKean, Joanne E; Jeffery, Heather; Lahra, Monica; Lappalooboo, Malase; Lumbiganon, Pagakrong</td>
<td>2011-2013</td>
<td>$104,694</td>
<td>$367,462</td>
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<td>Improving the measurement of non-fatal injury burden - validating the GBD methods</td>
<td>Gabbo, Balinda J (CIA); Jolley, Damian J; Ahermanns, Shanthi; Derrett, Sarah; Harrison, Jason; Lyons, Ronan; Polar, Suzanne; Rivera, Frederick P</td>
<td>2012-2013</td>
<td>$57,497</td>
<td>$150,217</td>
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<td>NT-conIHP and the identification and treatment of structural heart disease and heart failure in high-risk individuals</td>
<td>Wolfe, Riyadh S (CIA); Campbell, Duncan J; Liew, Danny YH; Prior, David L</td>
<td>2012-2013</td>
<td>$251,191</td>
<td>$367,247</td>
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<td>The Australasian Resuscitation in Sepsis EpiSos Evaluation - Randomised Controlled Trial - continuation funding request</td>
<td>Bellomo, Rinaldo (CIA); Cameron, Peter; Cooper, David J; Dallanoy, Anthony; Holdgra, Anna; Peake, Sandra L; Webb, Steve AR</td>
<td>2012-2013</td>
<td>$165,981</td>
<td>$343,849</td>
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<td>A brief couple-focussed psychosocial counseling intervention to prevent postnatal mental health problems in women: a cluster randomised trial</td>
<td>Fisher, Janet RW (CIA); Longley, Paula K; Ranasinha, Sanjeeva; Rowe, Heather; Proimos, Jan</td>
<td>2012-2013</td>
<td>$323,046</td>
<td>$450,811</td>
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<td>Immunological and respiratory effects among workers exposed to engineered nanoparticles</td>
<td>Glass, Deborah C (CIA); Abrahams, Michael J; Donniskamp, Martina N; Sim, Malcolm R</td>
<td>2012-2013</td>
<td>$176,113</td>
<td>$427,113</td>
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<td>Is low dose amitriptyline more effective than placebo in the management of chronic, neuropathic low back pain?</td>
<td>Urquhart, Donna M (CIA); Forbes, Andrew B; Gibson, Stephanie J; Sim, Malcolm R; Wika, Anita E; Van Tullder, Maurits</td>
<td>2012-2013</td>
<td>$66,222</td>
<td>$170,710</td>
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<td>Polycystic Ovary Syndrome: Targeting the sympathetic nervous system to improve outcomes</td>
<td>Teede, Helena J (CIA); Lambert, Gavin W</td>
<td>2012-2013</td>
<td>$63,777</td>
<td>$127,554</td>
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<tr>
<td>A prospective cohort study investigating the relationships between negative emotions, biomarkers and long term functioning in post-MI patients</td>
<td>Oldenburg, Brian F (CIA); Meredith, Ian; Clarke, David M; Forbes, Andrew B; Hollingsworth, Bruce P; McKean, Dean P; Hale, David L; Sanderson, Kristy; Taylor, Craig B</td>
<td>2012-2013</td>
<td>$218,706</td>
<td>$431,021</td>
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</tbody>
</table>

* signifies funding currently in pending research funds
Appendix 2: SPHPM Research Publications for 2013

Book Chapters


Davis, S.P., 2013, Androgen therapy in women, Beyond Pink, Critical Care, vol 16, issue S1, p. 18.


Deb, D., Webster, T., Jeon, T.J., Meng, H., To, K., 2013, Change to either a non-androgenic or androgen therapy in women with advanced prostate cancer: a systematic review and meta-analysis, BJU International, vol 112, issue 5, pp. 710-717.


2013, Integration of sepsis management recommendations into clinical care guidelines for distinct hospitals in resource-limited settings: the momentum to augment new guidelines with future research, BMC Medicine, vol 11, issue 1, No. 107, pp. 1-7.

2013, Assessment of the feasibility and acceptability of a 3-month intervention to improve health literacy in Australian youth, Australian and New Zealand Journal of Public Health, vol 37, issue 3, pp. 233-238.


Committee member: Monash Comprehensive Cancer Consortium (MCCC) Management Committee
Committee member: Drug Policy Modelling Program (DPMAP) Advisory Group
Professor Michael Abramson
Chair: Lung Foundation of Australia COPD Evaluation Committee
Board member: Respiratory 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 Robin Bolt
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 Rinaldo Bellomo
Scientific Committee: Advisory Committee for Sepsis in Sydney Australia Pty Ltd, Scientific Committee: Advisory Committee American ImmunTech LLC, Scientific Committee: BioScience Research Associates Inc, Member of Scientific Advisory Committee
Scientific Committee: Renal Tech, Member of Scientific Advisory Committee
Scientist: Lily International Inc. Member of International Advisory Committee on Acute Renal Failure, Service to the Discipline
Scientist: International Committee for Acute Dialysis Quality Initiative
Professor Wendy Brown
Chair: Clinical Sub-Panl Surgery AMC
Chair: The Avenue Hospital Human Research Ethics Committee
President: Obesity Surgery Research Australia and NZ
Scientific Committee: Victorian Surgical Consulting Council
Board member: Australia and NZ Gastric Oesophagel Surgery Association
Deputy senior examiner: FRACS General Surgery court of examiners
Examined the Australian Medical Council
Committee member: Victorian Insurance Medical Association
Assessor of the Australian Medical Council Undergraduate Programmes
Committee member: Alfred Hospital Residents and Graduates Committee
Committee member: The Avenue Hospital Medical Advisory Committee
Committee member: Federal Government Advisory Committee on MBS payments for liposuction
Professor Rachelle Buchbinder
Editorial board member: BMC Musculoskeletal Disorders
Editorial board member: Blood Med Central Chiropractic and Osteopathy
Editorial board member: Physical Therapy
Editorial board member: Arthritis Research and Thery
Editorial consultant: American College of Physicians, Physicians’ Information and Education Resources (PIER)
Coordinating editor of the Cochrane Musculoskeletal Group
Advisor board member: Cochrane Back Group
Chair: Management Committee, Australian Rheumatology Arthritis Databases
Chief executive officer: Arthritis and Musculoskeletal Disorders
Chair: Clinical Advisor: Arthritis and Musculoskeletal Disorders Steering Committee
Chair: Medical Advisory Committee: Arthritis and Musculoskeletal Disorders
Chair: Arthritis and Musculoskeletal Conditions Steering Group for the NHMRC Research Translation Facility
Professor Peter Cameron
Chair, Steering Committee, AusROC (Australian Resuscitation Outcomes Consortium)
Executive committee member: Monash Partners Academic Health Sciences Centre, Critical Care Trauma and Periperaive Medicine
Steering committee member: Victorian Ambulance Cardiac Arrest Registry
Steering committee member: Victorian State Trauma Registry and Outcome Monitoring Group
Steering committee member: Massive Transfusion Registry
Steering committee member: Victorian Orthopaedic Trauma Outcomes Registry
Steering committee member: RINSE (Rapid Inflation of Normal Blood island) Management Committee member, PATCH (Pre-hospital Anti-fibrinolytics for Traumatic Coagulopathy and Haemorrhage)
Steering committee member, RESPOND (Respond to the first fail to prevent the second) study
Steering committee member, ARISE (Australian Resuscitation in Brazil Evaluation)
Steering committee member, POLAR (Prophylactic Hypothermia Trial to Lessen Traumatic Brain Injury)
Professor Flavia Circuitt
Committee member: Repatriation Medical Authority Committee: Victorian Rheumatology Heads of Unit Committee
Committee member: NHMRC Arthritis Advisory Group, Ethics Committee: Drugs & Interventions Applications sub-committee of the Alfred HEPC
Professor Jamie Cooper
Chair: Australian and New Zealand Intensive Care Research Centre (ANZIC-REC) Advisory Board Committee Member: Monash Partners Academic Health Sciences Centre, Critical Care Trauma and Periperaive Medicine
Steering committee member: Monash Partners Academic Health Sciences Centre, Critical Care Trauma and Periperaive Medicine
Chair, Executive Committee: Centre of Research Excellence for Patient Blood Management in Critical Illness and Trauma
Chair, Steering committee member: Centre of Research Excellence for Patient Blood Management in Critical Illness and Trauma
Chair, Steering committee member: Clinical Informatics and Data Management Unit (CIDMU)
Steering committee member: Centre of Excellence in Traumatic Brain Injury Research (CETIBI)
Committee member: Trauma Quality Subcommittee, State Trauma Committee (STC)
Delegate for the Dean of Medicine, Nursing and Health Sciences, Monash University for the Victorian Neurotrauma Advisory Council (VNAC)
Editorial board member: Journal of the College of Intensive Care Medicine: Critical Care and Resuscitation
Professor Susan Davis
Board member: International Menopause Society Co-Chair: International Consultation on Sexual Medicine, International Consultation for Sexual Medicine Co-Chair: Scientific Programme Committee, 14th World Congress on the Menopause 2014
Member: NHMRC Fellowship, Fellowship Peer Review Committee
Member: Endocrine Society Clinical Practice Guideline Panel for the Menopause
Member: Endocrine Society Clinical Practice Guideline Panel for the use of Antidrugs in Women
Member: Endocrine Society Partnership for the Accurate Testing of Hormones advisory panel
Professor Judith Finn
Member: NHMRC Advisors Academy
Member: NHMRC Early Career Fellowship Panel
Chair, Management Committee: Aus-ROC
Deputy Chair, Steering Committee: Aus-ROC
Member: National Heart Foundation Health Professionals Scholarship Panel
Member: Australian Research Council (IAA Branch Committee)
Member: National Heart Foundation Australia’s “Patient response to Chest Pain” Working Party
Professor Jane Fisher
Member: National and Medical Research Council Grant Review Panel Epidemiology and Population Health
Member: Expert External Review Panel UBS Optimus Foundation
Board member: International Board of Advisors, Research and Training Centre for Community Development Hanoi, Vietnam
Research Advisor: West Australian Perinatal Mental Health Unit
Chair: Psychosocial and Epidemiological Research in Reproduction Group, Royal Women's Hospital and Melbourne NF
Chair: Research Committee: Centre of Research Excellence for Patient Blood Management in Critical Illness and Trauma
Professor Sally Green
Board member: International Society for Evidence based Health Care
Board member: Cochrane Renal Review Group, Advisory Board
Member: National Health and Medical Research Council (NHMRC), Health Care Committee (HCC)
Member: Consortium Advisory Group, Effective Health Care Research Programme, University of Liverpool, United Kingdom
Member: Governing Committee: Chris Ilbery Prize
Professor Henry Krum
Chair: Advisory Drug Reactions Committee
Member: Faculty of Medicine Centre Committee
Member: NHMRC Committee on Unproven Therapies
Member: Pharmacy and Therapeutics Advisory Committee
Deputy chair: Ethics Research Committee, Alfred Hospital
Executive committee member: EFFECT-HF Study
Executive committee member: CHAMP Study
Steering committee member: ACCELERATE
Executive committee member: ARTS Study Program
Executive committee member: TRUE-AHF Study
Steering committee member: CANTOSII Study
Steering committee member: ELIXA Study
Steering committee member: PRESERVATION 1 Study
Executive committee member: MVVID Study
Co-Chairman, executive committee: Global PI, ATMOSHERE Study
Executive committee member: ECHO-CRT Study
Executive committee member: FUSION Pacing
Professor Ajay Mahal
Editorial board member: Infectious Diseases of Poverty
Editorial board member: Pts ONE
Editorial board member: Health Systems and Reform
Associate editor: Journal of the Economics of Aging
Professor Paul Myles
Editor: British Journal of Anaesthesia
Editorial board member: Anaesthesia and Intensive Care
Editorial board member: Heart Lung and Circulation (previously Asia-Pacific Heart Journal).
Editorial consultant: The Lancet
Member: National Health and Medical Research Council, Australian Academy
Member: Alfred Hospital Pharmacy and Therapeutics Advisory Committee
Member: Australian & New Zealand College of Anaesthetists, Research Committee
Member: Australian & New Zealand College of Anaesthetists Quality and Safety Committee: Subcommittee
New drug evaluator: Therapeutic Goods Administration
Professor Daniel O'Connor
Board member: Education, Australian and New Zealand College of Psychiatrists
Chair: Educational Projects, Australian and New Zealand College of Psychiatrists
Member: Faculty of Medicine Quality Assurance Committee, Office of the Chief Psychiatrist, Department of Health Victoria
Member: Dementia Collaborative Research Centre, University of NSW
Professor Brian Priestly
Member: Gene Technology Technical Advisory Committee
Member: NDNS Nanotechnology Advisory Group
112
113