



Medicine, Nursing and Health Sciences

School of Public Health and Preventive Medicine Annual Report 2010



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From the Head of School



“We retained our place as the second largest School within the Faculty of Medicine, Nursing and Health Sciences.”

I am pleased to present the 2010 Annual Report for Monash School of Public Health and Preventive Medicine (SPHPM).

A major part of the School moved to a new location in the Alfred Hospital in 2010. After five years in the Burnet building, our School is now located on the fifth and sixth floors of the Alfred Centre. Dr Martha Sinclair's outstanding contributions towards the design and function of our new location are greatly appreciated. Also, this highly functional location was provided under the direction of Ms Nicole Collin from the Capital Works Branch of the Monash University, which has already increased our research capacity. The additional space allowed us to attract Associate Professor Sally Green and the Australian Cochrane Centre whose work adds substantial value to many of the other research groups on site.

Meanwhile, a new unit was created for the benefit of the clinical and public health researchers under the leadership of Professor Helena Teede. The new unit was created from existing sections of the Monash Medical Centre and the research section of the Jean Hailes Institute for Women's Health. We look forward to the further growth of Helena's unit.

On the academic front, 2010 saw further growth of our productivity in terms of grants, research publications and teaching. We retained our place as the second largest School within the Faculty of Medicine, Nursing and Health Sciences. SPHPM has over 100 individuals with research doctorates on our staff. We also employ 41 medical graduates, five nurses, seven physiotherapists, and 10 others with allied health affiliations.

Our staff (including adjunct staff) authored or co-authored more than 600 publications, a record for the School. Of these publications, five were published in the prestigious Lancet, four in New England Journal of Medicine and one in Journal of the American Medical Association. My special congratulations and gratitude goes to Professor Henry Krum, Associate Professor Chris Reid, Professor Peter Cameron, Associate Professor Bebe Loff, Dr Dev Mitra, Dr Mandy Thrift and Dr Sophia Zoungas for their publications, their commitment and their dedication towards achieving excellence in research.

This year's result was complemented by an increase in our category 1 grant funding from \$11.4 million in 2009 to \$12.1 million for the current year. Congratulations and gratitude also go to our NHMRC project grant winners (Associate Professor Sally Green, Associate Professor Kate Leslie, Associate Professor Andrew Forbes, Professor Brian Oldenburg, Dr Anna Barker, Professor Michael Abramson, Associate Professor Stephen Bernard and Professor Susan Davies) and our three winners of the NHMRC Career Development awards (Associate Professor Allen Cheng, Associate Professor Karin Leder and Dr Donna Urquhart). SPHPM currently holds 146 research grants and of these, 49 commenced in 2010.

The new Bachelor of Health Science degree was developed under the direction of Professor Helen Keleher and her colleagues at the Department of Health Social Science and the Department of Epidemiology and Preventive Medicine. The degree has two streams and includes a range of new units. One stream focuses on health programs and policy while the other focuses on clinical and public health sciences. In 2010, over 130 students took up the degree. The development and launch of the degree was a collaborative effort and I am grateful for the extraordinary dedication shown by a number of our staff, in particular, Associate Professor Ben Smith, Dr Catherine Joyce, Professor Robert Burton, Ms Basia Duig, Ms Tsharni Zzryn, Dr Jessica McCormick and Dr Dragan Ilic.

Postgraduate enrolments continue to grow with over 530 students currently enrolled in a number of postgraduate courses.

The Commonwealth funded Public Health Education and Research Program (PHERP) arrangement has supported the development of public health training courses across Australia. Last year, this was under the direction of Professor Just Stoelwinder. This arrangement allowed four universities to collaborate, develop and strengthen a number of areas of public health in each university. In our case, this arrangement supported epidemiology, biostatistics and occupational and environmental health. The end of the PHERP program will create significant challenges as

each institution struggles to develop capacity to provide teaching across a full range of public health disciplines. However, the PHERP arrangement has positioned us well to provide the required disciplines beyond PHERP.

New research initiatives

The opening of the Kirby Centre was a significant highlight of 2010. The Centre is named after the retired judge of the High Court of Australia, The Hon Michael Kirby, AC, CMG. The Hon Michael Kirby is renowned for his work as a human rights activist and was recently appointed to the Global Commission on HIV and the Law. UN High Commissioner, Mr Sidibé opened The Centre. Associate Professor Bebe Loff heads the centre and focuses on human rights and public health, as a collaborative venture among scientists, lawyers, medical practitioners and academics at the School.

The commencement of the ASPirin in Reducing Events in the Elderly (ASPREE) trials was another highlight for the SPHPM in 2010. Facilitated by a grant from the Victorian Cancer Agency, regional centres were established at Geelong, Warnambool, Shepparton, Bendigo, Ballarat and Traralgon. ASPREE's Biobank, funded by the P-Health program of CSIRO, was also of substantial value to the trial. Dr Anne Murray (our US collaborator) and Ms Brenda Kirpach (the US study coordinator) visited and shared their expertise during the trial, which we greatly value and appreciate.

Development and promotion of clinical registries have become an important agenda of the department. Although these registries are primarily used for improving the safety and quality of healthcare, they have significant potential in other forms of health service research and clinical investigations. Throughout 2010, the outstanding leadership of Dr Sue Evans allowed new registries to be established for burns, prostate cancer and lung cancer. Additionally, Associate Professor Chris Reid, Mr Carl Costello, Ms Angela Brennan and the team from our Data Centre have contributed significantly to improve the ability to manage and develop such registries.

In addition to these achievements, our research has gained significant media attention in 2010. In particular, Associate Professor Charles Livingston's research and comments on problem gambling received significant media attention. The Centre for Obesity Research and Education also received media attention for their study in laparoscopic adjustable gastric banding in severely obese adolescents.

Staff achievements

Many of our staff members gained awards and distinctions in 2010. Professor Flavia Cicuttini was awarded the Parr Prize for Excellence in Rheumatology Research at the Annual Rheumatology Association meeting, Dr Deborah Zion and Associate Professor Bebe Loff were finalists in the 2010 Eureka Prize, Dr Elizabeth Barr won the Mollie Holman Medal for Excellence for the best doctoral thesis submitted in the faculty and Ms Judy Gold won the first place in the faculty Three-minute Thesis competition.

In addition, Professor Peter Cameron was elected Chair of the International Society of Emergency Physicians and Professor Helen Keleher was elected to chair the Public Health Association of Australia and New Zealand.

We welcomed 77 new staff members to the School in 2010. Among them, Professor Ajay Mahal was appointed to the Alan and Elizabeth Finkel Chair in Global Health. Born in India, Ajay studied a Bachelor of Economics at the University of Delhi, followed by a Masters degree. He moved into the area of health economics during his PhD studies at Columbia University, New York. As a consultant and adviser, Ajay has worked with the Harvard Institute for International Development in Gaza and West Bank, and the Indian government. He is an expert on issues related to health financing, social determinants of health, and economics of HIV/AIDS. This position was made possible through the philanthropy of Dr Elizabeth Finkel and Dr Alan Finkel, Chancellor of Monash University. We warmly welcome Ajay to the School and Australia.

We said farewell to 47 staff members whose contributions are greatly valued. Ms Christine Kirkham's contribution over the past five years to many aspects of the life of the SPHPM will be surely missed. We wish her the best for the future as she pursues new interests.

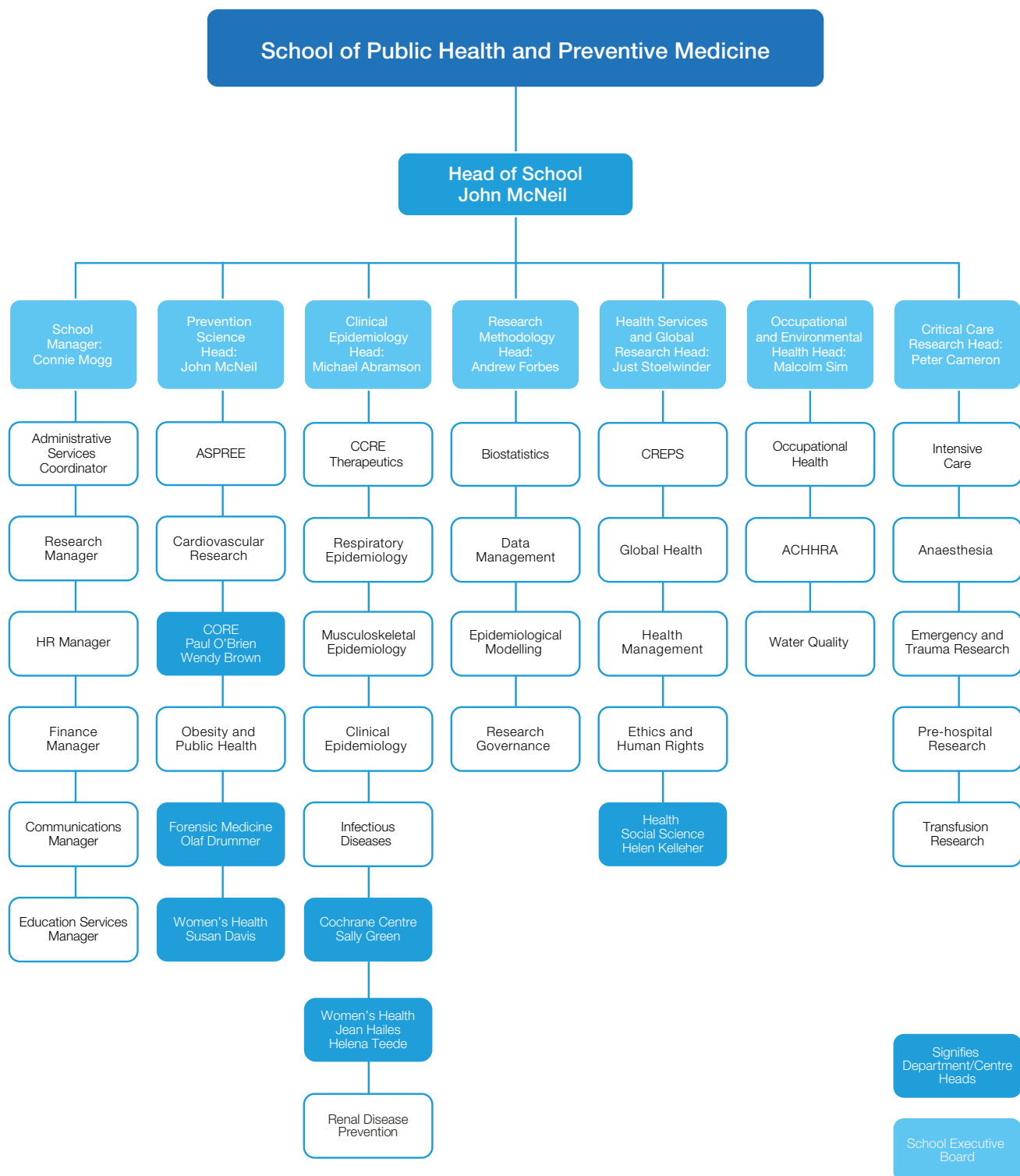
Our strong achievements in 2010 have provided a good foundation for going forward. However, 2011 promises to be a challenging year for the School. In closing, I would especially like to thank Professor Michael Abramson (Deputy Head), Professor Just Stoelwinder (Postgraduate Coordinator) and Ms Connie Mogg (School Manager). I have relied on strategic advice on multiple issues from Michael. His contribution to our School is quite outstanding and I would like to thank him for his dedication and commitment. I would also like to thank our administrative staff for their skill, patience and forbearance that keeps the School ticking over.

Finally, I would like to thank Dr Jay Illesinghe, our Research Manager, for her effort to complete the 2010 Annual report. I am grateful for her approach to this task, and the kind but insistent manner with which she gathered contributions from many recalcitrant academics, including myself.

John McNeil

Head of School

Organisational Chart



Staff Profiles

Ajay Mahal

Professor Ajay Mahal is an economist trained at Columbia University, US (PhD (Economics), 1995) and the University of Delhi, India (MA (Economics), 1986; BA (Economics), 1984). His research focuses on a range of questions that are relevant to the economics and health systems, ageing, household and national impacts of health, HIV, and human resources for health and human rights. His work includes evaluation of the impact of policy interventions.

One of his current major projects is a cluster randomised trial of a community health intervention, jointly undertaken with the Self Employed Women's Association (SEWA). SEWA is based in India and is a leading NGO and trade union of women who work in the informal sector. The project will follow nearly 2000 households over a period of two years.

The primary aim of this project is to assess the impact of the community health intervention on visits to hospitals and household prevention practices. Because SEWA also manages a health insurance scheme for its members, another objective is to explore whether the intervention will have any effect on the economic viability of the insurance plan. The project is expected to lead to several subsidiary findings related to how individuals and their households choose health services, the validity of self-reported health service use among women in resource-poor settings, and the relationship between income, consumption and asset holdings of households.

Professor Mahal is also a key member of the Longitudinal Ageing Study of India (LASI), a study funded by the National Institutes of Health (NIH) in the US. This study of the elderly is designed using Health and Retirement Surveys in the US as the model. The project is jointly led by Dr David Bloom of Harvard University (Boston, US) and Professor P. Arokiaswamy of the International Institute of Population Sciences (Mumbai, India). Partners from several other institutions include the RAND Population Research Centre, the University of Michigan and the University of California at Los Angeles. A pilot survey in four provinces has already been completed and the full survey is expected to begin shortly, involving over 30,000 households with elderly members. The survey is unique. It is the largest such survey of the elderly in India and will collect data on a range of variables including incomes, working status, earnings, pensions, disability status, social support systems and a range of biomarkers. These variables will also be followed over time.



A third key area of recent interest is in research and policy questions related to health financing in developing countries. Along with researchers at Oxford and Harvard, Professor Mahal is working on a number of research projects to assess the impacts of publicly-funded health insurance schemes on financial risk protection of whole populations. This work also investigates the challenges of providing populations in the Asia-Pacific region with adequate levels of financial risk protection.

In addition, in collaboration with the Institute for Financial Management and Research (IFMR), CARE and Professor David Canning at Harvard University, Professor Mahal is involved in a randomised trial that assesses the impact of a community health insurance scheme on health care use and financial risk protection among residents of 30 poor villages in the state of Maharashtra, India.

Staff Profiles

Deborah Zion

Dr Deborah Zion was brought up in a household where relatives that had survived World War two were frequent visitors. She was trained as a social historian and then as a bioethicist. Within the discipline of bioethics much has been written about culture, but little about shared experience. The stories that Deborah heard about the flight of asylum seekers, their trauma and refuge reminded her of her own family. The project that she led drew together both her historical and philosophical training.

Deborah was joined in her bid for an ARC grant by Associate Professor Bebe Loff and Professor Linda Briskman. Their ARC Discovery Grant, 'Caring for Asylum Seekers in Australia. Bioethics and Human Rights' resulted in a series of publications relating to the issues of practising healthcare in the absence of human rights. This resulted in her being nominated as a finalist for the Eureka prize.



Background

Australia has one of the harshest regimes for those arriving by boat to seek asylum. In 1992, the Australian government enacted a policy of mandatory detention of all persons entering the country without valid documents. Since then, a number of asylum seekers and their children have been held in detention for considerable periods of time. By 2002, 602 persons continued to be held for longer than twelve months. What happens to those held in long term detention has been the subject of ongoing discussion, particularly in relation to their mental and physical health. However, the ethical dilemmas faced by healthcare professionals involved in their treatment have not been discussed in great detail. The small number of articles published in the literature reveals that the central issue has been providing healthcare ethically in circumstances that have been deliberately constructed, namely detention, and that are deleterious to health. Thus, the rules that govern decision-making, when basic rights and liberties and proper public health structures that provide care and are effectively monitored, no longer apply.

Description of research and objectives

This research draws on published sources, articles, and government and non-government reports that contain within them descriptions of roles of clinicians in the detention setting. A number of people who had worked with asylum seekers were interviewed. We were able to use the process of triangulation to verify the information that arose from the interview process.

At the core of her research are the following questions: How can healthcare be provided ethically to persons who are deprived of human rights? Do health care practitioners have a duty to act politically if that is what is required for the right to health to be accessed? These questions have implications that are both theoretical and practical.

The need for work that addresses provision of healthcare in situations like detention has been described in the Physicians for Human Rights *Dual Loyalties Report*. The authors suggest that in many situations physicians and other healthcare

providers are required to subordinate the interests of patients to those of the state. They suggest that while bioethics and human rights have a considerable overlap of interests, the maintenance of such rights is only one of many competing duties to be considered. The lack of emphasis on human rights within bioethics can be seen not only in the content of publications, but also in the choice of subject matter that is seen to be pertinent. For example, the literature in the discipline has focused on the ethics of clinical practice rather than on conditions that produce ill health, and on the ethical issues that arise out of technological development that is only available to wealthy populations.

Results to date

This research has attempted to address the questions raised in the section above through a series of articles. Four of these are listed below.

Deborah Zion, Linda Briskman and Bebe Loff. 'Nursing in asylum seeker detention in Australia: care, rights and witnessing'. *Journal of Medical Ethics*, Vol. 35, 2009, 546-551. (Editor's pick).

Deborah Zion, Linda Briskman and Bebe Loff. 'Returning to history: the ethics of researching asylum seeker health in Australia'. *The American Journal of Bioethics*, Vol.10, no. 2, 2010, 48-56.

Linda Briskman, Deborah Zion and Bebe Loff. 'Challenge and collusion: health professionals and immigration detention in Australia'. *The International Journal of Human Rights*, 2010, in press.

Deborah Zion and Bebe Loff. 'Beyond the clinical contract: restoring asylum seeker health through advocacy and care'. In Alperhan Babacan and Linda Briskman (eds) *Asylum Seekers International Perspectives on Interdiction and Deterrence*, Newcastle: Cambridge Scholars, 2008.

School Highlights

ASPREE expands in 2010

The ASPREE study (Aspirin in Reducing Events in the Elderly) will determine if daily low dose aspirin can help prevent or delay a first heart attack or stroke, dementia, physical decline and some cancers in older Australians. A number of initiatives made 2010 an exciting time for ASPREE, beginning with the recruitment of healthy participants in March 2010.

ASPREE establishes four new sites in regional Victoria

ASPREE expanded into regional Victoria and formed new relationships with the community and with regional health service providers. The four new regional ASPREE sites will provide key benefits for regional Victorians and were formed as a result of funding from the Victorian Cancer Agency.

An important aspect of the development of the regional sites was the creation of research positions for local people. At each of the sites, we now have two new Monash staff members recruited from the local community and trained and supported by the ASPREE National Co-ordinating Centre.

The new regional sites and trained staff will give elderly people across Victoria the opportunity to take part in an international clinical trial that will contribute to the health of future Australians. ASPREE will be the flagship clinical trial to initiate and sustain clinical trial activity in these regions.





A Trial Centre for Central Victoria

The Victorian Minister for Health, Daniel Andrews and Member for Bendigo East, Jacinta Allen officially opened the first of the new Monash Clinical Trial Centres in regional Victoria in August 2010. The Bendigo Clinical Trial Centre is located within Monash University's Bendigo Regional Clinical School and will recruit approximately 500 people from central Victoria.

A Trial Centre for Eastern Victoria

The second site takes ASPREE into Eastern Victoria and is located in the Gippsland Regional Clinical School in Traralgon. Professor John McNeil, the Principal Investigator of the ASPREE Clinical Trial, officially opened The Gippsland Clinical Trial Centre on 8 December 2010.

Two Trial Centres for Western Victoria

Installation of centres in Ballarat and Geelong in early November 2010 will ensure coverage of western Victoria. The clinical trial centre in Ballarat is housed within the Technology Park of the University of Ballarat. A new alliance in Geelong saw the Geelong Clinical Trial Centre housed within the Barwon Health facilities with support from Associate Professor Dr Paul Talman, Clinical Director Medical Services and Professor Michael Berk, Professor of Psychiatry.

The New National Co-ordinating Centre Opens

In May 2010, the ASPREE National Co-ordinating Centre moved into a new facility on the ground floor of the Burnet Building at AMREP. This move was essential and enables staff to coordinate recruitment of 12,500 people from Australia. The new Centre will also provide clinical trial facilities for Melbourne's ASPREE participants.

The first ASPREE participants walked through the doors of the new headquarters on 2 June 2010. These participants were involved in ASPREE and the ASPREE Healthy Ageing Biobank and ENVIS-ion sub-studies (see below for more information). The success of these studies is contingent on the generous support and involvement of our participants and GPs.

The new facilities include a fully equipped, state-of-the-art laboratory for the Biobank sub-study. The laboratory currently houses a -80°C freezer and -180°C nitrogen tanks for long-term storage of large numbers of samples. Clinical rooms for ASPREE participants include one with a retinal vascular imaging (RVI) camera for use in the ENVIS-ion sub-study. The headquarters has a call centre for phone screening of potential participants and for responding to GP queries from Melbourne, regional Victoria, Canberra and Tasmania.

More Information About ASPREE

ASPREE is the largest prevention clinical trial to take place in Australia. It is a randomised, double-blind placebo controlled study which involves both males and females, 70 years and older. Recruitment for healthy participants with no prior history of cardiovascular disease and without significant cognitive impairment commenced in March 2010.

ASPREE is a collaborative study between researchers, universities, the community and GPs in Victoria, Tasmania, ACT and the USA.

Sub-studies of ASPREE

The ASPREE study will be complemented by a sub-study that is part of a collaborative initiative with the CSIRO. This sub-study will develop a "Healthy Ageing Biobank" of over 10,000 blood samples from ASPREE participants. The samples will be used to investigate factors that may contribute to healthy ageing or diseases of the elderly.

In addition, the ENVIS-ion sub-study is a neuro- and retinal vascular imaging study supported by the NHMRC. In a subset of ASPREE participants, ENVIS-ion will determine if aspirin slows down age-associated changes in the small blood vessels of the brain and the decline in brain function.



School Highlights

Elizabeth Barr awarded the 2010 Mollie Holman Doctoral Medal



Mollie Holman Doctoral Medal for excellence in a PhD thesis at Monash University 2010

PhD thesis title: The contribution of impaired glucose metabolism to cardiovascular disease and mortality in Australians

Short title: The impact of high blood sugar on heart disease risk of premature death

Supervisors: Associate Professor Jonathan Shaw and Professor Andrew Tonkin

Diabetes and heart disease together represent one of the greatest public health and economic burdens for the Australian population. The risk of heart disease and premature death is greatly increased in people who have diabetes. This PhD thesis explored in detail the relationships between high blood sugar and premature death and heart disease in Australians. The participants were part of a large research study, the Australian Diabetes, Obesity and Lifestyle (AusDiab) study, a national study of 11,247 men and women aged 25 years and over. Participants were followed for an average of five to six years, and information on deaths and heart disease were obtained from the death registry and medical records. The findings confirmed the strong association between diabetes and premature death and heart

disease, even after accounting for the risks posed by high blood pressure, high cholesterol, being overweight and smoking. The risk of death and heart disease also increased among those without diabetes but who had blood sugar levels higher than normal. Interestingly, people with very low fasting blood sugar levels also had an increased risk of death and heart disease. The findings indicate that abnormal blood sugar levels including diabetes, play an important role in the development of heart disease, and suggest that heart disease prevention strategies should not only target people with diabetes, but also people without diabetes who have abnormal blood sugar levels.

Acknowledgments

This work was supported by: National Health and Medical Research Council (NHMRC) Project Grant (233200), National Heart Foundation (NHF) Australia Research Grant-in-Aid (RES17-01 2005) and the Australian Institute of Health and Welfare (AIHW) who provided mortality data. Elizabeth Barr was supported by a NHMRC (379305) / NHF Australia (PP 05M 2346) joint Postgraduate Scholarship.

New Centres

Michael Kirby Centre for Public Health and Human Rights



Ms Diane; Ms Cheryl Overs (Michael Kirby Centre); Mr Michel Sidibé (Executive Director, UNAIDS); Professor Adam Shoemaker (Deputy VC, Education, Monash); and Mr Brian Dawe.

The new Michael Kirby Centre was launched on 29 August 2010 by the Executive Director of UNAIDS, Mr Michele Sidibé. Mr Sidibé recommended to an audience of 300 community activists, academics and judges that the Centre enter into a formal Memorandum of Understanding with UNAIDS. This resulted in the Centre officially becoming a UNAIDS Collaborating Centre on 17 December 2010.

The Michael Kirby Centre brings together the first dedicated group of scholars in Australia to examine the relationship between human rights and health. It is a new collaboration of interdisciplinary scholars in Monash University's SPHPM.

The Centre is named for the former Justice of the High Court of Australia, renowned human rights expert, advocate and defender who will maintain an active involvement in the Centre's work and future direction.

The Centre takes its lead from the pioneering work of the late Professor Jonathan Mann and the François-Xavier Bagnoud Center for Health and Human Rights, established at Harvard University. The contribution of Mann (and others in the health

and human rights community) to the understanding of the value of human rights to health is highly original but remains under-theorised and in need of greater practical evaluation.

The activists, lawyers, scientists and ethicists who comprise the Michael Kirby Centre will undertake research that contributes to the theoretical and practical understanding of rights-based approaches. In particular, they will examine how human rights and law impact on the realisation of good health, both positively and adversely, among vulnerable communities in Australia and in resource-poor settings.

The Director of the Kirby Centre is Associate Professor Bebe Loff, a scholar with some 30 years experience working at the intersection of law and health. Bebe played an integral role in the legal and policy response to HIV/AIDS in Australia and internationally when the epidemic emerged. Bebe was a community activist who, along with others including Ms Cheryl Overs, also of the Michael Kirby Centre, established Australia's first Prostitutes' Collective and has since worked with sex workers in many countries.

The Centre aims to conduct research that informs the development of public health policies and programs in which human rights standards and norms are critically considered; and to undertake teaching programs that facilitate informed inquiry about public health, law and human rights.

Current research, teaching and consultancy projects include:

- A project (shortlisted for the 2010 Eureka Prize) that investigates the ethical duties of health professionals in their care and treatment of asylum seekers in detention. This project was funded by the Australian Research Council (ARC);
- A collaboration with the Victorian Institute of Forensic Medicine to examine and document the role and contribution of forensic medical and nursing staff to the welfare of survivors of sexual assault;
- A project, funded by the National Health and Medical Research Council (NHMRC), to develop a reform strategy that addresses the local, national and international regulatory environments that promote obesity;
- Research, funded by the NHMRC, investigating the attitudes of the Australian population to the protection of personal privacy when conducting health and medical research;
- An examination of the obligations of clinical researchers to disclose and manage conflicts of interest, particularly in their dealings with pharmaceutical companies; and
- An exploration of the testing of women for HIV in antenatal settings in Tamil Nadu, India.

The Kirby Centre is also a core partner of the Paulo Longo Research Initiative (PLRI). The PLRI aims to develop and consolidate ethical, interdisciplinary scholarship on sex work to encourage policy that helps improve the lives of men, women and transgenders who sell or buy sex. The other core partners are:

- The Institute of Development Studies (IDS), UK;
- The Centre for Advocacy on Stigma and Marginalisation (CASAM), India; and
- The Global Network of Sex Work Projects.

PLRI projects led by the Michael Kirby Centre include:

- The establishment of a legal service for Cambodian sex workers that aims to improve their human rights and health; and
- A multi-country investigation, the pilot of which is funded by the United Nations Development Programme, of the impact of laws and enforcement policies on sex workers.

The Kirby Centre also undertakes postgraduate teaching. It coordinates the Monash University Master of International Health and the Master of International Research Bioethics. The latter program is funded by the Fogarty Centre of the US National Institutes of Health and creates expertise in research ethics, law and methodology in countries in the Asia Pacific. Its purpose is to promote the ethical conduct of medical research in developing countries.



New Registries



Victorian Lung Cancer Registry (VLCR)

The Victorian Lung Cancer Registry (VLCR) was established in 2010. It aims to assess patterns and quality of care for patients diagnosed with lung cancer at participating sites. The VLCR is being developed as a web-based platform and will be tested in six Victorian hospitals. A successful application the VLCR secured three years of funding for this registry.

Prostate Cancer Registry (PCR)

Established in 2009, the Prostate Cancer Registry (PCR) monitors the patterns of care and outcomes of men diagnosed with prostate cancer in Victoria. The information collected is population-based and is from contributing Victorian public and private hospitals. The PCR also assesses whether there is variation in health-related quality of life and survival following diagnosis of prostate cancer across Victoria.

The PCR was established following a successful funding application to the priority-driven Collaborative Cancer Research Scheme. The PCR was co-funded for a three-year period by the Prostate Cancer Foundation of Australia, the Radiation Oncology Section of Cancer Australia and the Australian Government Department of Health and Ageing.

Visitors

Quirine Kymmel, a medical student from Netherlands, visited DEPM in March.

Dr Ian Faneyte, a visiting surgeon from the Netherlands, joined CORE for a mini-fellowship.

Mr Amar Jesani, a trustee of the Anusandhan Trust in Mumbai (India) visited to attend a meeting on intellectual property and access to drugs.

Dr Inoka Suraweera was the first of a group of visiting academics from Sri Lanka who arrived in March. She will be working with MonCOEH for the duration of her stay.

Dr Sabariah Faziah, Senior Consultant Anaesthesiologist and Traumatologist from the Hospital Sungai Buloh in Kuala Lumpur visited the Trauma Research Unit between 20 June and 2 July.

Mr Xiao Zhenghua and **Mr Jiang Long Hou** arrived from China to work with Dr Bing Wang and Dr Andrew Kompa on a research project that will help to establish a rat model for mesenchymal stem cell transplantation after myocardial infarction.

Dr Chandima Siritunga, an occupational trainee and visiting academic from Sri Lanka will work for a year at DEPM with Professor Michael Abramson and Dr Martine Dennekamp.

Adjunct Associate Professor Robyn Tapp from Imperial College London visited DEPM for two weeks.

Dr Tamara Schikowski visited DEPM to discuss air pollution research with Professor Michael Abramson, Dr Martine Dennekamp and others.

The Jean Hailes Foundation for Women's Health hosted a delegation from the Beijing-based China Soong Ling Ching Foundation in August. Leading the delegation of six senior staff members (plus interpreter) was **Mr Wenkang Zhang**, the former Minister of the Ministry of Health of the People's Republic of China and the current Vice-Chairman of the China Soong Ling Ching Foundation.

Visiting emergency physicians from Malaysia, **Dr Suhami Mahmud**, **Dr Fazilah Mohd Zain**, **Dr Nik Ahmad** and **Dr Faisal Salikin** spent time with the Pre-hospital and Trauma Unit in the Critical Care Research Division.

Two colleagues from Khon Kaen University (Thailand), **Patorn Piromchai** (an ENT specialist) and **Thirawut Khanprakob** (an obstetrician) visited the Australasian Cochrane Centre and attended the Cochrane review completion course.

Professor Jeremy Grimshaw (Ottawa Health Research Institute, Canada) and Professor Susan Michie (Department of Psychology, University College London, UK) visited the Australasian Cochrane Centre while attending the NHMRC Project Investigators' Meeting in March 2010.

Dr Patorn Piromchai (Department of Otorhinolaryngology, Khon Kaen University, Thailand) worked on his Cochrane review and attended a week-long workshop in November 2010.



Dr Chandima Siritunga



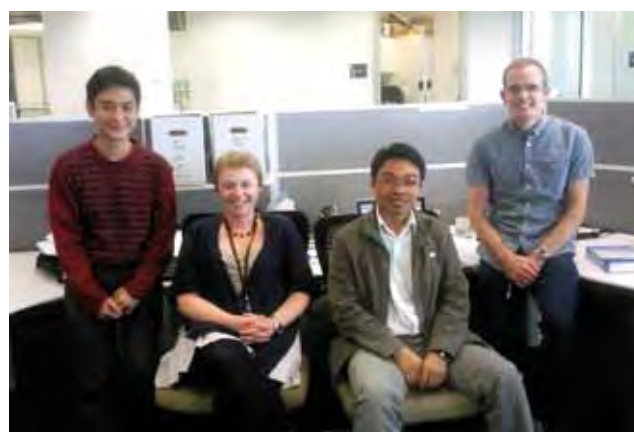
Dr Inoka Suraweera



Dr Fazilah Mohd Zain



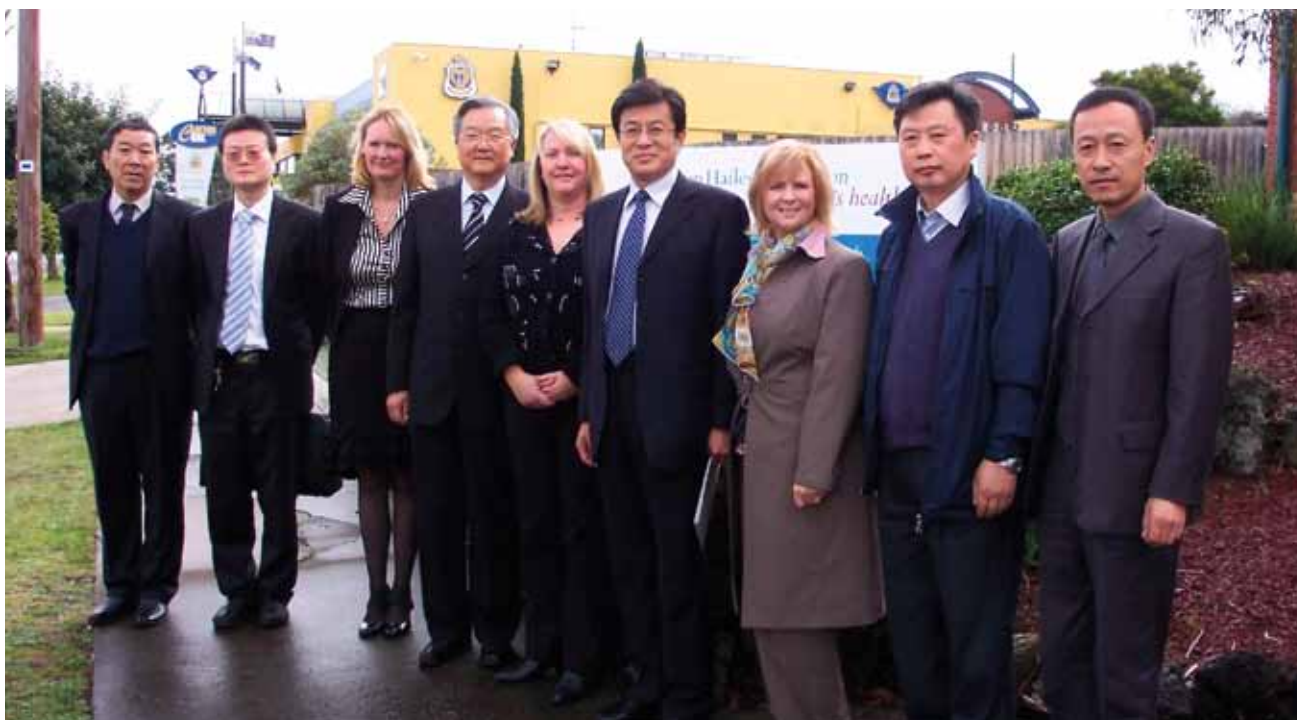
Associate Professor Robyn Tapp



Patorn Piromchai (left) and Thirawut Khanprakob (centre right) with Steve McDonald and Miranda Cumpston.



Dr Tamara Schikowski (centre right) with Chandima Siritunga, Professor Michael Abramson and Dr Martine Dennekamp.



Delegation from the Beijing based China Soong Ling Ching Foundation.

Dr Thirawut Khanprakob (Department of Obstetrics and Gynaecology, Khon Kaen Hospital, Thailand) worked on his Cochrane review and attended a week-long workshop in November 2010.

Professor Jonathan Sterne (Department of Social Medicine, University of Bristol, UK) visited the Australasian Cochrane Centre in August 2010.

Bariatric surgeons **Dr Ian Faneyte** (Netherlands), **Dr David Deutscher** (Ballarat, Australia), bariatric nurse practitioner **Ms Beth Kramer** (Houston, Texas, US), bariatric physician **Dr Georgia Rigas** (Sydney, Australia) and psychiatrist **Dr Stanley Terman** (La Jolla, California, US) visited the Centre for Obesity Research and Education.

Dr Carrie Schram, the Women's Health Fellow from Queen's University (Canada) visited the Jean Hailes Foundation for Women's Health.



Dr Sabariah and the Trauma Research Unit.



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



Dr Mo Jayarajah (left) and Professor Paul Myles discussing UK involvement in the ATACAS trial at the European Association of Cardiothoracic Anaesthetists meeting in Edinburgh.

The Australian and New Zealand College of Anaesthetists (ANZCA) Trials Group has 13 Executive Committee members from Australia and New Zealand. It functions as a collaboration between Monash and the Australian and New Zealand College of Anaesthetists. The goals of the group include providing high quality research support to College Fellows, trainees and staff in areas such as survey research,

the Pilot Grant Scheme administration and ANZCA publications. It also aims to provide high quality research support to existing multi-centre studies in anaesthesia, peri-operative and pain medicine and to new and emerging multi-centre studies in anaesthesia, post-operative and pain medicine. Another aim is to develop collaborations (nationally and internationally) with other trials groups.

Director



Professor Paul Myles

National Health and Medical Research Council (NHMRC) Project Grants

'Nitrous oxide anaesthesia and cardiac morbidity in major surgery', (2008–2012).

'Hyperbaric oxygen in lower limb trauma: a randomised controlled clinical trial', (2008–2010).

'Completion of the Aspirin and Tranexamic Acid for Coronary Artery Surgery (ATACAS) trial', (2011–2015).

Peri-operative ischemic evaluation-2 study (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', (2011–2016).

ANZCA Project Grants

'Ischaemic preconditioning in lung transplantation', (2010).

'Long-term follow-up of patients in the Evaluation of Nitrous Oxide Anaesthesia and Cardiac Morbidity after Major Surgery-II (ENIGMA-II) trial', (2010–12).

Professor

Professor Kate Leslie

Coordinator and Research Fellow

Ms Stephanie Poustie

PhD Students

Dr Frank Buchanan

Ms Stacey Pritchett

Masters Students

Dr David Daly

Dr Mark Shulman

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



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 ICU researchers, data management/bio-statistical

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

Directors



Professor Jamie Cooper



Professor Rinaldo Bellomo

Grants

National Health and Medical Research Council (NHMRC) Grants

National Centre for Intensive Care Research Enabling Grant, (2005–2010).

National Centre for Intensive Care Research Continuation of Enabling Grant, (2011–2015).

ARISE Study. 'Australasian Resuscitation in Sepsis Evaluation randomised controlled trial', (2008–2011).

Prophylactic Hypothermia Trial to Lessen Traumatic Brain Injury (POLAR) Study. 'Randomised controlled trial of prophylactic hypothermia in severe traumatic brain injury', (2009–2013).

Erythropoietin in Traumatic Brain Injury (EPO-TBI) Study. 'Randomised, placebo controlled trial of erythropoietin in ICU patients with traumatic brain injury', (2009–2013).

Other grants held by the ANZIC-RC

POLAR-BEAR Study. 'Energy requirements in traumatic brain injury patients with and without induced hypothermia – a sub-study of the POLAR (the prophylactic hypothermia trial to lessen traumatic brain injury) randomised controlled trial', (AuSPEN, 2010).

POLAR-BEAR Study. 'The prophylactic hypothermia trial to lessen traumatic brain injury basal energy assessment research', (The Alfred Foundation, 2010–2011).

EPO-TBI and POLAR Studies. 'Multi-centre randomised controlled trials of early acute interventions (hypothermia, erythropoietin, and decompressive craniectomy) to improve outcomes after traumatic brain injury', (Victorian Neurotrauma Initiative, 2010–2013).

RENAL-TBI Study. 'Acute kidney injury: Investigating treatments and finding new markers for its early detection in patients with traumatic brain injury', (Intensive Care Foundation, 2010).

Awards

Emma Ridley
Best presentation at the ANZICS Clinical Trials Group Research Development Day, 2010.

Executive Officer

Mrs Siouxzy Morrison

Associate Professors

Associate Professor Alistair Nichol
(Intensive Care Medicine)

Associate Professor Michael Bailey
(Biostatistics)

Research Manager

Ms Gillian Syres

Project Managers

Ms Belinda Howe (SPICE, STATInS and INFINITE)

Ms Louisa Lam (ARISE-RCT)

Ms Lorraine Little (EPO-TBI)

Ms Lynne Murray (POLAR-RCT)

Mr Tony Trapani (POLAR-RCT)

Senior Research Fellow

Dr Cecile Aubron

Research Fellows

Ms Emma Ridley (Nutrition)

Ms Lisa Higgins

Visitor

Dr Guillaume Carteaux

PhD Students

Mr Eldho Paul

Ms Lisa Higgins

Ms Elizabeth Moore

Dr Neil Orford

Dr Ruwan Wijemunige

Administrative Officer

Ms Amanda Martin

The ASPREE (ASPIrin in Reducing Events in the Elderly) Project



The primary aim of the ASPREE (ASpirin in Reducing Events in the Elderly) project is to determine if regular, low dose aspirin prolongs disability-free life for those 70 years and older. It is a large-scale, double-blind randomised, placebo-controlled clinical trial and will recruit 19,000 participants (12,500 from Australia and 6,500 from the US). These participants will be placed in randomised groups and receive either a daily dose of 100 mg of enteric-coated aspirin or placebo. The participants will be followed up for five years on average.

Low-dose aspirin may be one of the most chemo-effective agents that can be used to prevent or delay the onset of cardiovascular disease, stroke,

dementia and certain cancers (in particular, bowel cancer) in older people. Countering the potential beneficial effects of aspirin therapy are the risks associated with bleeding that are likely to increase as people age. ASPREE will use a composite endpoint (an extension of disability-free years) to determine the balance of benefit versus risk of aspirin. In Australia, the trial is largely conducted through general practices.

During 2010, ASPREE was conducted across Melbourne, in regional Victorian sites, Tasmania and the ACT. More than 430 General Practitioners (GPs) were engaged as co-investigators in the trial. There were nearly 1000 participants randomised to the study.

Directors



Professor John McNeil
(Principal Investigator)



Dr Robyn Woods
(Executive Officer)

Funding: National Institute on Aging (US), (2009–2016)

Support: Bayer HealthCare provides the aspirin (acetylsalicylic acid) and matched placebo.

Collaborators: Monash University, the Menzies Research Institute in Tasmania, the Australian National University and the Berman Center for Outcomes Research.

ASPREE Regional Outreach

By the end of 2010, ASPREE had established four new key clinical trial centres in regional Victoria. These were based in Bendigo, Ballarat, Geelong and Traralgon. The trial engaged local health service providers, developed new relationships within regional groups and brought international medical research to these communities.

Funding: Victorian Cancer Agency, (2010–2012).

Healthy Ageing Biobank

The Healthy Ageing Biobank is an important sub-study of ASPREE. The aim of the Biobank is to collect, process and store blood and urine specimens from 10,000 ASPREE volunteers. Stored samples will then be available for future analyses of biomarkers that may be predictors or diagnostics of diseases in the elderly. Factors that are linked to healthy ageing may also be discovered.

Funding: CSIRO (Preventative Health Flagship) plus in-kind support from each of the collaborators.

Collaborators: Monash University, the University of Tasmania, the Australian National University, the University of Melbourne and the CSIRO.

ENVIS-ion

ENVIS-ion is an ancillary study of ASPREE. This study will determine if aspirin slows down vascular changes in the brain that are linked to ageing and cognitive decline.

Six hundred people enrolled in the ASPREE trial (300 participants in Canberra and 300 in Melbourne) are also participating in the ENVIS-ion study. During 2010, approximately 250 people participated in the ENVIS-ion study.

Funding: National Health and Medical Research Council of Australia, (2008–2012).

Collaborators: Monash University, the Australian National University, the Canberra Hospital and Alfred Health.

Staff

Biobank Project

Director

Dr Robyn Woods

Biobank Manager

Dr Emily Parker

Biobank Project Officer

Ms Megan Plate

Research Assistants

Ms Angela Petropoulos

Ms Fanny Sampurno

Analyst Programmer

Mr Igor Yeykelis

Laboratory Assistants

Mr James Phung

Ms Zoe Stewart

ASPREE Project

Study Investigators

Professor John McNeil

Professor Andrew Tonkin

Professor Mark Nelson (Tasmania)

Professor Elsdon Storey

Associate Professor Chris Reid

Dr Robyn Woods

Statistician

Associate Professor Rory Wolfe

Business Manager

Dr Linda De Melis

End Point Monitor

Ms Louise Shiel

Data Centre Director

Associate Professor Chris Reid

Data Centre Manager

Mr Carl Costolloe

Regional Manager and Coordinator

Dr Sharyn Fitzgerald

ASPREE (Melbourne)

Melbourne Study Coordinator

Dr Ruth Trevaks

Monitor, Auditor and Data Manager

Dr Esther Apos

Research Fellow

Dr Alice Owen

Communications Officer

Ms Trisha Nichols

Senior Clinical Trial Coordinator

Mr Andrew McGrath

Mr David O'Reilly

Ms Kathleen White

Ms Meredith Young

Ms Susan Montgomery

Ms Bodil Hook

Ms Donna McCallum

Senior Recruitment Coordinator

Ms Lucy Power

Ms Jacqueline Dixon

Clinical Trial Project Officer

Ms Emily Kelly

Ms Fiona Collier

Ms Sophie Yorkston

Ms Trieu-Anh Truong

Ms Vanessa Bilog

Mr John Ly

Ms Lynda Woods

Recruitment Officer

Ms Pam Hendriks

Ms Robin Pennington

Programmer

Mr Kunnapoj Pruksawongsin

Data analyst

Mr Nino Hay

Senior Analyst Programmer

Mr Philip Scotney

Executive PA

Ms Ajitha Paldano

Administrative Manager

Ms Angela Norman

Administrative Officer

Ms Rowena Van Essen

Administrative Assistants

Ms Christine Egan

Mr Aaron Ham

Ms Anita Zacharias

Ms Jennifer Stephens

Ms Laura Stamp

Mr Simon Montgomery

Ms Davina Norman

Ms Susan Shelton

Ms Mersaedes O'Neill

Ms Brook Stephens

Ms Caroline Larsy

ASPREE (Traralgon)**Senior Clinical Trial Coordinator**

Ms Correna Boers

Ms Judith Woods

ASPREE (Geelong)**Senior Clinical Trial Coordinator**

Ms Ann Gardner

Ms Christine Sherwell

ASPREE (Ballarat)**Senior Clinical Trial Coordinator**

Ms Sussan Conway

Ms Theresa Grice

ASPREE (Bendigo)**Senior Clinical Trial Coordinator**

Mr Greg Ralph

Ms Lynn O'Neill

ASPREE (Burnie)**Senior Clinical Trial Coordinator**

Ms Audrey Heggarty

Ms Heather Dowling

Ms Shirley Cleland

ASPREE (Hobart)**Senior Clinical Trial Coordinator**

Ms Jan Nelson

Ms Sharon Kelly

Administrative Assistant

Ms Sally Thurley

ASPREE (Launceston)**Senior Clinical Trial Coordinator**

Ms Becky Judd

Ms Susan McCoy

The Australasian Cochrane Centre



*Protocol and Analysis Training Workshop in
Penang, Malaysia December 2010.*

The Australasian Cochrane Centre co-ordinates the activities of the Cochrane Collaboration in Australia and in the wider Asia-Pacific region. It principally provides training and support to authors of Cochrane reviews, works with policy makers, advocates on behalf of the Collaboration regionally, and promotes the use and uptake of *The Cochrane Library*. The Centre works in partnership with its branches in Korea, New Zealand, Singapore and Thailand. The Australasian Cochrane Centre has a program of research that explores effective ways to inform healthcare decisions through the uptake of evidence. This includes projects investigating the synthesis, interpretation, dissemination and implementation of research evidence for clinical practice and policy.

We hope the output from our research will result in:

- A contribution to reliable methods for conducting systematic reviews;
- A contribution to inform researchers and disseminators of evidence about framing their research in ways that increases relevance to those making decisions about health care (consumers, practitioners and policy makers);
- A contribution to effective methods to bring about improved clinical practice and health policy through interventions to increase the uptake of evidence; and
- The production of tools to promote global access to reliable health care information.

Directors



Professor Sally Green
(Co-Director)



Mr Steve McDonald
(Co-Director)

National Health and Medical Research Council (NHMRC) Project Grants

'Improving the care for people with acute low back pain by allied health professionals: cluster RCT', (2007–2010).

'Evidence-based care of people with dementia: cluster RCT', (2008–2011).

Other Grants

Physiotherapists Registration Board of Victoria. 'Improving evidence-based care and outcomes in Victorian physiotherapy through better understanding of current practice: a state-wide practice audit', (2008–2010).

Department of Health and Ageing. 'Supporting Australian-based Cochrane Collaboration activities', (2009–2012).

Department of Health and Ageing. Contract Research. 'Methodology for the development of national evidence-based antenatal care guidelines', (2010–2011).

Victorian Neurotrauma Initiative. Program Grant. 'Improving evidence-based care and the outcomes of patients with traumatic brain injury and spinal cord injury', (2009–2014).

Research Fellows

Dr Denise O'Connor

Dr Simon French

Ms Joanne McKenzie

Dr Miranda Cumpston

Dr Marije Bosch

Dr Tari Turner

Ms Fiona Kossenias

Dr Kerry Murphy

Research Assistants

Ms Katherine Beringer

Ms Lana Kluchareff

Mr Matthew Page

PhD students

Ms Kate Phillips

Administrative Staff

Ms Cindy Manukonga

The Australian Centre for Human Health Risk Assessment (ACHHRA)



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. It has assisted through training programs and workshops the development of the Human Health Research Assessment (HHRA) workforce for governments and the commercial sector. The main focus of ACHHRA is human exposure to hazardous

chemicals and microorganisms arising from environmental or occupational media (air, water, soil and food). Hazardous chemicals and exposures may be of natural origin or result from anthropogenic activities. ACHHRA has been active in supporting Commonwealth 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. Highlights in 2010 included: a major review of enHealth guidance on environmental health risk assessment methodologies; assisting the Queensland Government with a major South East Queensland recycled water project and with the health risk assessment component of the Clean Air for Gladstone project; and assisting the Victorian government with management of health risks associated with algal blooms and chemical pollution of waterways.

Director



Professor Brian Priestly

Reports

Benke G., Dennekamp M., Priestly B., Sim M. R., Morris H. 'Engineered nanomaterials: feasibility of establishing exposure standards and using control banding in Australia. Report to Safe Work Australia', May 2010.

<http://safeworkaustralia.gov.au/AboutSafeWorkAustralia/WhatWeDo/Publications/Pages/RP201008EngineeredNanomaterialsFeasibilityOfEstablishing.aspx>

Priestly B.G. 'Review of 2007–2009 literature on toxicological and health effects of six nanomaterials', for the National Industrial Chemicals and Assessment Scheme (NICNAS), 2010.

www.nicnas.gov.au/Current_Issues/Nanotechnology.asp

Priestly B.G. 'Peer review: Simtars Draft Interim Report oe102093p1a on the Willawong air quality project', for the Brisbane City Council, 2010.

Priestly B.G. 'Report on the possible health effects of perfluoroalkyl surfactants (PFOS) used in Aqueous Film-forming Foams (AFFFs)', for Air Services Australia, 2010.

Biostatistics Unit



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.

Director



Professor Andrew Forbes

National Health and Medical Research Council (NHMRC) Project Grants

'Mediterranean diet and mortality: analysis of longitudinal dietary patterns using newly developed statistical methods', (2011–2013).

'Strategies for handling missing data in the development, validation and implementation of clinical risk prediction tools', (2009–2011).

'Design and analysis of interrupted time series studies in health care research: resolution of methodological issues', (2009–2010).

Awards

Dr Dean McKenzie

NHMRC. Public Health Fellowship.
'The evolution of symptoms of common mental disorders across adolescence and young adulthood', (2009–2012).

Associate Professors

Associate Professor Rory Wolfe

Associate Professor Michael Bailey

Senior Research Fellow

Dr Dean McKenzie

Senior Lecturer

Dr Baki Billah

Research Fellows

Dr Muhammad Akram

Dr Elizabeth Williamson

Dr Roman Ahmed

Research Officers

Ms Pam Simpson

Ms Catherine Smith

PhD students

Mr Mohammadreza Mohebbi

Ms Sara Ivory

Ms Masoumeh Sanagou

Mr Eldho Paul

Cardiovascular Research Unit



In 2010, the major achievements of the Cardio-vascular Prevention Research Unit involved large-scale clinical trials and collaborative public health research. The Unit also provided leadership for the Long-term Intervention with Pravastatin in Ischaemic Disease (LIPID) study (NHMRC grant). This study has completed an average of 16 years follow-up of 9014 coronary heart disease patients recruited from 87 hospitals in Australia and

New Zealand. Analyses of biomarkers will predict recurrent cardiovascular events and possible new therapeutic targets. The Unit is also working with spatial geographers (Australian Research Council (ARC) grant), to map availability of necessary medical services for those in Australia's 20,000 population centres who are at risk of an acute cardiac event. These findings will be used to develop new strategies to overcome access to barriers.

Director



Professor Andrew Tonkin

National Health and Medical Research Council (NHMRC) Project Grants

Long-term Intervention with Pravastatin in Ischaemic Disease (LIPID). '16 year outcomes and predictors of risk and their interactions in CHD patients', (2008–2010).

ENVIS-ion study. 'Aspirin for the prevention of cognitive decline in the elderly: a neuro-vascular imaging study', (2009–2010).

Other funding

beyondblue Grant. 'Healthy mind, healthy heart: assessment of depression and related psychosocial factors in CALD with CHD', (2009–2011).

George Institute for International Health. Contract Research. 'Kanyini guidelines adherence with the PolyPill (GAP) study', (2009–2012).

Awards and achievements

In January 2010, Professor Andrew Tonkin was appointed International Associate Editor for Circulation (Australia and New Zealand), the highest ranked specialty cardiovascular journal.

Professor Andrew Tonkin was invited by the World Health Organisation (WHO) to join the Cardiology Advisory Group for the revision of ICD-11, a classification and coding of diseases document.

PhD Students

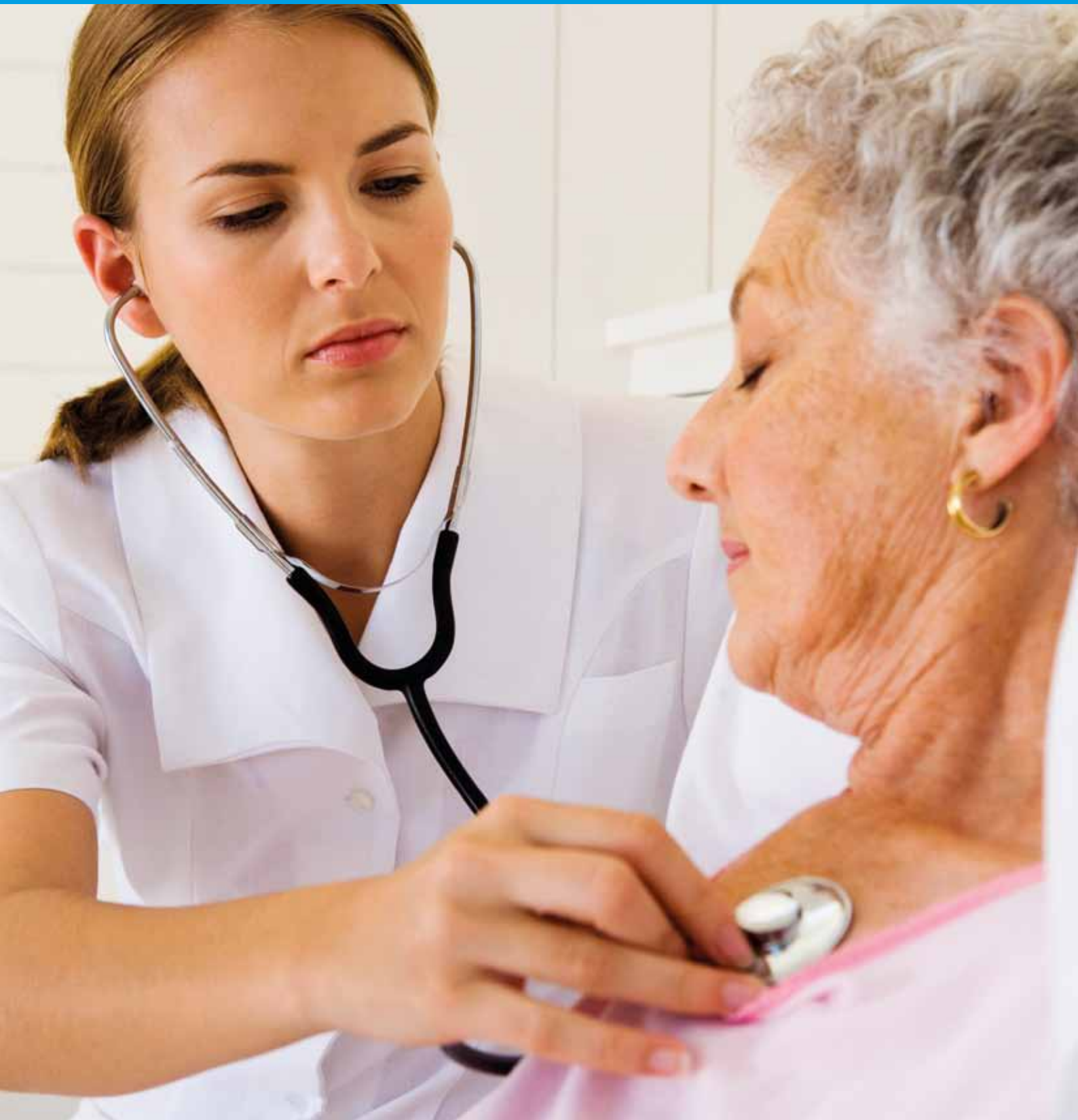
Ms Alison Beauchamp

Dr Lei Chen

Unit Administrator

Ms Allison Byrnes

Centre of Cardiovascular Research and Education in Therapeutics



The mission of the Centre of Cardiovascular Research and Education in Therapeutics (CCRET) is to improve clinical outcomes at the individual and community level through the use of evidence that is based on high-quality clinical research. CCRET conducts clinical trials (in the Department of Clinical Pharmacology at the

Alfred Hospital and at our Clinical Trial Centre at Caulfield Hospital) that focus on mechanistic and hospital-based studies. CCRET's Clinical Informatics and Data Management Unit (CIDMU) provides high-level platform technologies for epidemiological, clinical trial and health services research.

Director



Professor Henry Krum

National Health and Medical Research Council (NHMRC) Grants

Program Grant. 'Prevention and treatment of chronic heart and kidney disease', (2010–2014).

Health Services Grant. 'Which heart failure intervention is most cost-effective and consumer friendly in reducing hospital care – the WHICH study', (2007–2011).

Project Grant. 'Aspirin for the prevention of cognitive decline in the elderly (EnVISION)', (2008–2012).

Equipment Grant. 'MF-ChemiBis 3.2 Bioluminescence Imaging System', (2010).

NIH Grants

'Treatment of diabetic nephropathy using a purpose-designed anti-fibrotic drug'. (In-kind support 2008–2010).

'Aspirin in reducing events in the elderly (ASPREE)', (2010–2016).

Other Funding

NHF Grant-in-Aid. 'Omega-3 fatty acid status and cardiovascular risk in older Australians', (2009–2010).

NHF and beyondblue. 'The Melbourne Depression in Heart Failure Collaborative Medication trial', (2008–2012).

MBF Foundation. 'Utility of serial brain natriuretic peptide measurement in early detection of heart failure', (2010–2012).

Hong Kong Research Grant Committee General Research Fund. 'Efficacy, safety and cost-effectiveness of drug-eluting stents in real world Hong Kong cardiology practice', (2009–2011).

Awards

Dr Andrea Driscoll

Third prize in the 2010 National Leadership in Nursing and Midwifery awards.

Associate Director

Professor Chris Reid

Research Fellows

Dr Nick Andrianopolous

Ms Angela Brennan

Mr Carl Costoloe

Dr Diem Dinh

Dr Andrea Driscoll

Mr Molla Huq

Dr Alice Owen

Dr Kathlyn Ronaldson

Ms Louise Shiel

Mr John Varigos

Dr Bing Wang

Research Assistants

Ms Molly Bond

Ms Harriet Carruthers

Ms Vibhasha Chand

Ms Lisa Curran

Ms Amy Finlay

Ms Philippa Loane

Ms Fanny Sampurno

Ms Masoumeh Sanagou

Ms Francesca Stewart

Ms Sophie Yorkston

Software Developers

Mr Waranon Buranasiri
Mr Miteshkumar Chaudhari
Mr Mahfuzal Haque
Mr Nino Hay
Ms Ramya Jaganathan
Mr Kieran Love
Mr Kunnapoj Pruksawongsin
Mr Phillip Scotney
Mr Douglas Wong
Mr Igor Yeykelis

Nursing

Ms Anne Bruce
Ms Michelle Hooy
Ms Kimberly Irwin
Ms Elizabeth Jenkins
Ms Susan Loftus
Ms Sue Montgomery
Ms Christine Mulvaney
Ms Caroline Steer
Ms Louise Turnour
Ms Kathleen White

Administration

Mr Callum Brennan
Ms Laura Ellis
Ms Jo Harwood
Ms Anne Jenes
Ms Lisa Li
Ms Sarah Mann
Mr Simon Montgomery
Ms Yesmie Paldano

PhD Students

Ms Zanfina Ademi
Ms Venu Ariyaratne
Dr Enayet Chowdhury
Dr Alex Hodge
Dr Suree Lekawanjivit
Dr Michele McGrady
Ms Lavinia Tran
Dr Hendrik Zimmet
Ms Ella Zomer





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



The Centre of Research Excellence in Patient Safety (CRE-PS) was established in late 2005 to develop national research capability and capacity that would result in improved patient safety. CRE-PS designs, conducts, promotes, and promulgates high quality multi-centre research to improve the quality, safety, efficiency

and effectiveness of health care for Australians. CRE-PS undertakes research and patient safety initiatives in each state and territory, and internationally. Our research has focussed on four main areas: using data to monitor quality of care, improving information transfer, reducing medication error and increasing patient safety.

Director



Professor Peter Cameron

National Health and Medical Research Council (NHMRC) Project Grant

'Centre of research excellence in patient safety (CRE-PS)', (2005–2010).

NHMRC Program Grant

'Using data to improve quality of health care', (2007–2011).

Other Funding

Arthritis Australia. Project Grant. 'Trends in use of arthroscopy of osteoarthritis of the knee in Victorian public and private sector hospitals', (2010).

Prostate Cancer Australia. Department of Health and Ageing. Cancer Australia grant. 'Pilot of a population-based prostate cancer clinical registry', (2010–2013).

ANZ Trustees. Medical research and technology in Victoria grant. The Hugh D T Williamson Foundation. 'A web-based data management system for the prostate cancer clinical registry', (2010).

Awards

Dr Sue Evans

NHMRC Health Professional Research Training Fellowship. 'Improving warfarin management – identifying risk factors for bleeding and improving monitoring mechanisms', (2008–2011).

Professor Peter Cameron
President of the International Federation of Emergency Medicine (IFEM), (2010).

Associate Professor Damien Jolley
Associate Professor Damien Jolley was a co-author on the paper 'A multilevel analysis of three randomised controlled trials of the Australian Medical Sheepskin in the prevention of sacral pressure'. In 2009, it was awarded the Anna Reynvaan award for the best scientific nursing article from the Netherlands. The manuscript was chosen from 42 submissions. It is the second scientific award for the article. In 2004 it was awarded the Wyeth award.

Associate Directors

Dr Sue Evans

Associate Professor Caroline Brand

Professor Joseph Ibrahim

Senior Statistician

Associate Professor Damien Jolley

Statistician

Dr Nick Andrianopoulos

Consultants

Dr Ian Scott

Dr Peter Sprivilis

Senior Research Fellow

Dr Anna Barker

Research Assistant

Ms Julie Wood

Ms Judy McInnes

Ms Alice Noone

Ms Peta McLaughlin

Research Assistants/ PhD Students

Ms Megan Bohensky

Ms Judy Lowthian

Ms Basia Diug

Ms Renata Morello

PhD Students

Dr Georgiana Chin

Mr Anthony Gust

Mr Erwin Loh

Mr Tobias Grungeiger

Mr Dominic Guda

Ms Carolina Weller

Dr Ben Clissold

Ms Jenny Biggs

Administrative Officer

Ms Catherine Pound

Clinical Informatics and Data Management Unit

POST /DataRetrieve HTTP/1.1

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Content-Type: application/soap+xml; charset=utf-8

Content-Length: 3932

<?xml version="1.0"?>

<soap:Envelope soap:encodingStyle="">

<soap:Body xmlns:m="http://192.168.1.1/loc">

<m:SecurityArray>

<m:PasswordIn>*****</m:PasswordIn>

</m:SecurityArray>

</soap:Body>

</soap:Envelope>

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var method = (("https:" == document.location.protocol)
topSecure var ("https://ssl." : "http://www.");)
document.write(unescape("script '" + gaVaHost + "xa.js' type='te
var pageTracker = _gat._getSecure("cd998dsxd");
webSecurity._analyze();
webSecurity._trackLocation();
</script>
```

The Clinical Informatics and Data Management Unit (CIDMU) has extensive capacity in data management for conducting large scale national and international multi-centre clinical trials, registries, occupational cohorts and health surveys. Staff in the unit possess expertise in all aspects of data collection and data management. This includes expertise in form design, web-based data capture, entry and randomisation services, data validation and quality control. The staff members are also involved in the provision of consulting services to external clients who have data management issues and in training of SPHPM research staff in the principles of database design and management.

CIDMU provides key platform technologies for the conduct of epidemiological, clinical trial and health services research.

The platform technologies include:

- multi-centre clinical trials and registry data management;
- web-based, e-CRF, fax- and paper-based data capture facilities;
- web-based or telephone-based randomisation services;
- trial and site management capabilities;
- trial and site monitoring capabilities; and
- statistical data analysis and study design capabilities.

The platform technologies have been developed in accordance with international regulatory and national privacy and ethical guidelines. Many registries and clinical studies are being managed and conducted by CIDMU.

Director



Associate Professor
Chris Reid

Awards

Associate Professor Chris Reid
NHMRC Senior Research Fellowship

Australian Research Council (ARC) Linkage Grant

'Epidemiological modelling of cardiovascular disease and diabetes in Australia', (2007–2010).

National Health and Medical Research Council (NHMRC) Enabling Grant

Australian Rheumatology Association Database, (2006–2011).

A National Clinical Trials Register, (2005–2010).

Other Grants

Australian Commission on Safety and Quality in Health Care. 'Testing and validating draft operating principles and technical standards for Australian clinical quality registries', (2008–2010).

Victorian Cancer Agency. Translational Cancer Research Funding. 'Building translational clinical research capacity in regional Victoria through ASPREE and the Healthy Ageing Biobank', (2010–2012).

George Institute for International Health. Contract Research. 'Kanyini guidelines adherence with the PolyPill (GAP) study', (2009–2012).

Research Fellows

Ms Angela Brennan
Mr Carl Costoloe
Dr Diem Dinh

Research Assistants

Ms Molly Bond
Ms Harriet Carruthers
Ms Vibhasha Chand
Ms Lisa Curran
Ms Amy Finlay
Ms Philippa Loane
Ms Fanny Sampurno

Software Developers

Mr Waranon Buranasiri
Mr Miteshkumar Chaudhari
Mr Mahfuzal Haque
Mr Nino Hay
Ms Ramya Jaganathan
Ms Kieran Love
Mr Kunnapoj Pruksawongsin
Mr Phillip Scotney
Mr Douglas Wong
Mr Igor Yeykelis

Administration

Mr Callum Brennan
Ms Jo Harwood
Ms Yesmie Paldano

Clinical Epidemiology – Alfred



The Clinical Epidemiology – Alfred Unit looks at ways of improving management and intervention by GPs of patients with chronic respiratory diseases, such as chronic obstructive pulmonary disease (COPD) and asthma.

The Clinical Epidemiology – Alfred Unit has been publishing the findings of SPIRO-GP, a randomised controlled trial of spirometry in general practice. These have major implications in the management of patients with asthma and

COPD. With NHMRC funding, REG completed the Burden of Obstructive Lung Disease (BOLD) study in collaboration with the Woolcock Institute in Sydney and other centres around Australia. We are also collaborating with the University of Melbourne on two large NHMRC supported cohort studies: the Tasmanian Longitudinal Health Study (TAHS) and the Melbourne Atopic Cohort Study (MACS).

Head



Professor Michael Abramson

NHMRC project grants

'The impact of outdoor aeroallergen exposure on asthma exacerbations in children and adolescents', (2009–2011).

'Do mobile phones affect cognitive development in children?', (2009–2011).

'What increases the reactivity of airways in middle-age?', (2009–2011).

NHMRC Capacity Building Grant for Population Health

'Linking research, policy and health services to build a better evidence base for workplace public health', (2009–2013).

NHMRC Strategic Award

'Predictors and consequences of allergies that impact on children getting a healthy start to life: a prospective study', (2008–2011).

Other Funding

Cooperative Research Centre for Asthma and Airways. 'Lung health in older Australians', (2009–2011).

La Trobe University. 'The role of indoor allergy causing substances in aggravating asthma in children and adolescents', (2010).

Monash Strategic Grant. 'Does living near a major road increase the risk that a child will develop eczema?', (2010).

Senior Lecturer

Dr Dragan Ilic

Research Fellows

Dr Martine Dennekamp

Dr Imo Inyang

Dr Chandima Siritunga

Research Assistants

Ms Skye Macleod

Ms Joan Raven

Ms Joan Green,

Ms Angela Lewis (Alfred Hospital)

PhD Students

Ms Marsha Ivey (PhD)

Ms Marian Abouzeid (DPH)

Administrative Staff

Ms Helen Clarke (until Sept 2010)

Ms Paulette Theodoulis

Monash Department of Clinical Epidemiology – Cabrini Institute



Professor Buchbinder attended the CARE VI: Non pharmacologic care for people with arthritis in the city of Nancy in France.

The focus of this department is to perform high quality clinical research with an emphasis on answering clinically important questions that can be translated into better quality patient care and outcomes. We have performed an array of randomised controlled trials of promising treatments for a range of musculoskeletal conditions including vertebroplasty for osteoporotic spinal fractures and interventions for shoulder and elbow pain and osteoarthritis. We manage the Australian Rheumatology Association Database, which is used to assess the long-term health of patients with arthritis and the outcomes of new therapies. The department also houses one of the editorial bases for the Cochrane Musculoskeletal Group

(the other base is in Ottawa, Canada). Our current research program seeks to understand the skills required to function effectively as patients in the health care system (health literacy); improve the quality of written patient information through linguistic analysis; develop the back pain burden questionnaire (BP-Quest); and determine how GPs manage shoulder pain in Australia. In the past two years we have also been involved in the WHO Global Burden of Disease project. This project estimates the 2005 burden for more than 175 diseases and injuries in 21 world regions. Professor Buchbinder leads the back and neck pain burden projects. Various local, national and international bodies support the Department's research.

Head



Professor
Rachelle Buchbinder

National Health and Medical Research Council (NHMRC) Enabling Grant

ARAD Australian Rheumatology Association Database, (2005–2011).

NHMRC Project Grants

'Is physiotherapy beneficial for hip OA?', (2010–2012).

'A randomised controlled trial to evaluate the efficacy of bisphosphonate therapy in patients with osteonecrosis of the hip', (2010–2014).

ARC Australian Research Council Linkage scheme

Commonwealth Department of Health and Ageing, and Australian Institute of Health and Welfare. 'The consequences of musculoskeletal problems in Australia: work productivity loss and health service utilisation', (2008–2010).

Other Funding

Commonwealth Department of Health and Ageing. 'Development of arthritis awareness workplace pilots', (2007–2010).

Australian Government Department of Health and Ageing. Cochrane Musculoskeletal Review Group (CMSG), Australian satellite, (2009–2011).

beyondblue. 'An innovative e-self-management support system for people with depression and anxiety and co-morbidities', (2009–2010).

Monash University Near Miss Grant. 'Randomised 3-arm trial of joint distension (hydrodilatation) with or without steroid or steroid injection alone for adhesive capsulitis', (2010).

Canadian Institute of Health Research. Knowledge Synthesis Grant. 'The safety of biologics for musculoskeletal conditions: a systematic review and network meta-analysis', (2010).

ANZ Trustees Medical Research and Technology in Victoria Program. The Appel Family Bequest. 'A new approach for measuring the personal burden of back pain', (2010–2011).

Arthritis Australia. 'Incidence of malignancy and cause of death in patients taking biological therapy for inflammatory arthritis in Australia', (2011).

Awards and Achievements

Professor Rachelle Buchbinder, Dr Di Hirsh, Associate Professor Rosemary Clerehan, Professor Richard Osborne and Dr Margaret Staples won the inaugural Helen Moran Award from Arthritis Victoria.

Professor Rachelle Buchbinder, Dr Sabina Ciciriello and Professor Richard Osborne won the Best Clinical Research Poster at the Annual Scientific Meeting, Australian Rheumatology Association.

Professor Rachelle Buchbinder, Dr Lucy Busija and Associate Professor Richard Osborne won the Best Clinical Research Poster at the Annual Scientific Meeting, Australian Rheumatology Health Professional Association.

Professor Rachelle Buchbinder
NHMRC Practitioner Fellowship,
(2010–2014).

Ogryzlo Professor, Ogryzlo Day,
Toronto, Canada, (2010).

Biostatistician

Dr Margaret Staples

Managing Editor, Cochrane Musculoskeletal Group

Dr Renea Johnston

ARAD Project Coordinator

Ms Maree Williams

Research Fellow

Dr Juliana Roos

Research Assistant

Ms Joan McPhee

PhD Students

Dr Simon French (Monash University)

Dr Lucy Busija (University of Melbourne)

Dr Joanne Jordan
(University of Melbourne)

Dr Sabina Ciciriello
(University of Melbourne)

Ms Megan Blackburn (Deakin University)

Ms Yvonne Ginifer (Deakin University)

Administration Staff

Ms Lavonne Collins



The Centre for Obesity Research and Education (CORE)



The Centre for Obesity Research and Education (CORE) aims to understand and optimally manage the chronic disease of obesity and measure the effects of weight loss on health, quality of life and survival.

CORE is unique in applying a multidisciplinary approach to the study of obesity. The Unit integrates a major clinical obesity management program with strengths in clinical research,

clinical epidemiology, public health, basic sciences and professional and community education. Through this integration, CORE is able to measure the health consequences of obesity and evaluate the health benefits of weight loss.

CORE is, first and foremost, a research centre. Research is central to its mission and its clinical research capability sets it apart from other research groups that carry out similar work.

Director



Associate Professor
Wendy Brown

Emeritus Director



Professor Paul O'Brien

National Health and Medical Research Council (NHMRC) Grants

'The control of type 2 diabetes through weight loss in indigenous Australians: the feasibility and acceptability of LAGB', (2009–2011).

Awards and Achievements

Dr Lisa Doyle (PhD candidate) was awarded the NHMRC Medical Postgraduate Research Scholarship for the project 'The impact of weight loss on the metabolic syndrome', (2010–2012).

Dr Lisa Doyle (PhD candidate) was awarded the foundation for surgery research scholarship by the Royal Australasian College of Surgeons for the project 'The impact of weight loss on the metabolic syndrome', (2010).

Associate Professor Wendy Brown (Director of CORE) was awarded the Monash University Near Miss Grant for NHMRC Projects for 'The physiology and pathophysiology of adjustable gastric bands', (2010).

Mr Paul Burton (Senior Research Fellow) was awarded the 2010 Vice-Chancellor's Commendation for Doctoral Thesis Excellence by the Faculty of Medicine, Nursing and Health Sciences.

Mr Paul Burton (Senior Research Fellow) was awarded a 2010 School of Public Health and Preventive Medicine Doctoral Excellence Award.

Senior Administrative Officer

Tania Richter

Senior Research Fellows

Dr Leah Brennan

Mr Paul Burton

Research Fellow

Dr Melissa Hayden

Research Assistants

Ms Margaret Anderson

Ms Kristine Egberts

Ms Danielle Franke-Richard

Ms Kylie Murphy

Research Nurses

Ms Cheryl Laurie

Ms Julie Playfair

Administrative Staff

Ms Monica Liston

Ms Renate Johnson

PhD Students

Ms Kristine Egberts

Dr Lisa Doyle

Master of Surgery Student

Dr Sarah Birks

Visiting International Student

Ms Quirine Kymmell

Department of Forensic Medicine (DFM)



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

Since its inception 21 years ago, the Victorian Institute of Forensic Medicine (VIFM) together with the DFM has produced many significant research findings that have contributed to prevention and public health. It also has developed a significant post-graduate teaching output. In 10 years, 62 graduates have completed the post-graduate

courses in forensic medicine. Also, almost 50 Bachelor of Science (honours) and Bachelor of Medical Science students graduated. There were also almost 20 postgraduate degrees by research (including PhDs), many of whom have remained with us and work at the Institute. The VIFM together with the DFM has published over 500 articles, covering a variety of themes related to disciplines that encompass forensic medicine.

The recent reorganisation of the executive team of the VIFM was designed, in part, to enhance the role of the DFM and to increase its profile. This strategy helps to align the Institute with changes in the Coroner's Act to increase the prevention focus of death investigations. At its inception in 1988, the Government saw the Institute through its connection with the DFM as an 'investment in public health'.

Head



Professor Olaf Drummer

Grants

Australian competition and consumer commission. Ozanne-Smith J. 'Targeted study of injury data involving motorised mobility scooters', (2010).

Victoria Police. Contract Research. Routley V., Trytell G., Ellsmore M-C. 'Suicide and the Victorian road toll', (2010-2011),

Chair in Forensic Medicine

Professor Stephen M Cordner

Department Manager

Ms Vicki McAuliffe

Administrative Officer (HR and Finance)

Ms Dimitria Semertjis

Personal Assistant and Publications Officer

Ms Ceril Pereira

Librarian

Ms Kerry Johannes

Prevention Research Unit

Head of Unit

Professor Joan Ozanne-Smith

Senior Researcher and Public Health Physician

Professor Joseph Ibrahim

Senior Research Fellow

Dr Virginia Routley

Research Fellow

Dr Christopher Jones

Victorian Public Health Fellow

Dr Chebi Kipsaina

Research Assistants

Dr Angela Rintoul

Ms Fiona Kitching

Mr Matthew Green

Ms Gayle Trytell

Ms Marie-Claire Davis

Ms Kate Gibson

Administrative Officer

Ms Sally Brady

Teaching

Master of Forensic Medicine

Associate Professor David Wells

Dr Anne Smith

Emeritus Professor Louis Waller

Mrs Anna Davey

Dr Morris Odell

Professor Michael Levy

Dr Vanita Parekh

Graduate Certificate in Nursing (Forensic)

Dr Angela Williams

Dr Janet Towns

Dr Angela Sungaila

Mrs Debbie Hellings

Medical Law Programs

Associate Professor Leanna Darvall

Ms Natalie Oakley
(Administrator, Medical Law Programs)



Epidemiological Modelling Unit



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

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

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

The main work undertaken by the Unit is primarily in cardiovascular disease. A National Health and Medical Research Council Health Services Research Grant funds this work. However, we are broadening our work program and current projects include disease and risk factor models in cardiovascular disease (CVD), diabetes and obesity, chronic obstructive lung disease and the relationship between modifiable health risk factors and the onset of disability. We are also interested in the relationships between CVD and mental health and health system level models for the supply of blood for transfusions.

Head



Dr Christopher Stevenson

Research Fellows

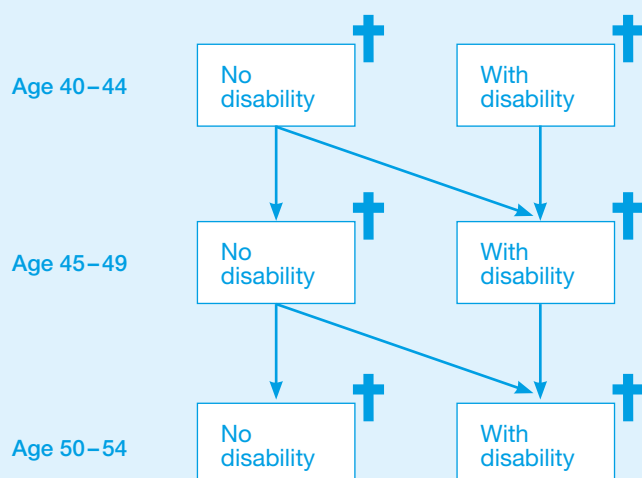
Dr Haider Mannan

Dr Helen Walls

Dr Kathryn Backholer

PhD Student

Ms Evelyn Wong



Pictorial illustration of transitions for the first three ages of the disability policy model.

Note: the cross represents the transition to death, a possibility that can occur from any state.

The Health Services Management and Research Unit



A green pencil with a sharpened lead tip rests diagonally across a medical form. The form is out of focus, showing various sections and text. Visible text includes:

- EMPLOYMENT
- NAME AND ADDRESS
- GNOS
- Describe illness, injury or
- please complete A, B and
- DATE OF ACCIDENT
- Month
- Day
- Year
- B
- TIM
- AM
- PM
- Please list below those
- PL

The main aim of the Health Services Management and Research Unit is to contribute to the effectiveness of clinicians by assisting them to 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.

Head



Professor Just Stoeiwinder

NHMRC Health Services Research Grant

Scott A., Joyce C., J Humphreys, Kalb G. 'Understanding the dynamics of the medical workforce to improve population health and equity of access: the Australian longitudinal survey of doctors', (2007–2011).

NHMRC Health Services Program Grant

Cameron P., Mc Neil J., Stoeiwinder J., Campbell D., Forbes A., Sprivulis P. 'Using data to improve quality of health care', (2007–2011).

Australian Research Council Department of Health South Australia, Queensland Health, and ACT Health.

Oldenburg B., Joyce C., Segal L., O'Brien S., Ball J., Pauter D., O'Donoghue R., Tennant M., Gericke C., Mutch A., Eager K., Lin V., Seattle C., Dugdale P., Hartz-Karp J. 'Citizen engagement: listening to citizen's views about Australia's health system and prevention', (2009–2011).

Other grants

Australian Centre for Economic Research on Health. Contract Research. 'Risk-equalisation methodologies in health insurance: an international perspective', (2010).

Senior Lecturer

Dr Catherine Joyce

Teaching – Senior Lecturers

Mrs Elizabeth Kennedy

Ms Kelly Makarounas-Kirchmann

Dr Deborah Roberts

Bachelor of Medicine/ Bachelor of Surgery (MBBS) moderators

Dr Peter Bradford

Dr Guy Haller

Dr Mark Lubliner

Dr Biswadev Mitra

Dr Lakshmi Sumithran

Doctoral students

Mr Asnawi Abdulla (PhD candidate)

Ms Katherine Gibson (DPH candidate)

Ms Elizabeth Headley (DPH candidate)

Mr Danny Hills (PhD candidate)

Mr Peter New (PhD candidate)

Ms Durga Shrestha (PhD candidate)

Department of Health Social Science (DHSS)



The Department of Health Social Science (DHSS) was established in 2006 and is committed to improving and understanding health and wellbeing from a social perspective. DHSS offers comprehensive programs in health promotion and prevention, population health and policy. The Department, based at the Caulfield campus, is part of the School of Public Health and Preventive Medicine. Courses offered by DHSS include Bachelor of Health Science, Bachelor of Health Science/Bachelor of Social Work, Honours in Bachelor of Health Science, postgraduate coursework programs and Doctor of Philosophy.

Our mission is to conduct research and education that builds the capacity to promote health and fosters effective strategies to improve population and individual health. We adopt multi-disciplinary approaches to research and teaching. The staff at DHSS are committed to undertake work that

strengthens community-based health services, develops and adopts policy that actively promotes health and wellbeing, and addresses health and social inequities. We value partnerships between communities and higher educational institutions. DHSS participates in various University-community partnerships (through joint appointments and research partnerships), and pursues practical opportunities that allow our students to apply their knowledge to health problems in Victoria and beyond. We have a vision that all our graduates will have a strong sense of civic engagement and a commitment to public health, healthy public policy and the health and wellbeing of all people and their communities (in Australia and globally). The DHSS is recognised by the World Health Organisation as a health-promoting health service.

Head



Professor Helen Keleher

Grants

VicHealth. 'Evaluation of the participation in community sport and active recreation program (PICSAR)', (2007–2010).

VicHealth. 'Participation in Community Sport and Active Recreation (PICSAR) and Active Participation Grant (APG) Metro evaluation', (2009–2010).

VicHealth. 'APG Rural and Regional Sustainability Program 2010 to 2012 Evaluation', (2010–2013).

Eastern Access Community Health. 'Building capacity for health promotion at Eastern Access Community Health', (2008–2010).

Victorian Health Association. Population Health. 'Population health approaches to planning for the Victorian healthcare system', (2009–2010).

Inner South Community Health Services. Joint Chair in Health Inequities. 'Research Agreement', (2010–2011).

South East Healthy Community Partnership, Contract Research. Livingstone C., Bruce E. 'Problem Gambling Project Evaluation', (2010–2011).

Northwest Mental Health. Contract Research. 'Support for strategic service planning, North West mental health service', (2010).

Institute Safety, Compensation, Recovery and Rehabilitation (ISCRP). Keleher H. 'Review of Psychosocial Models for Work Health', (2010), \$31,500.

Australian Research Council (ARC) Discovery Project Grant. Multi-institutional agreement. Harris E., Baum F., Harris-Roxas B., Keleher H., Kemp L., Spickett J., Harris M., Morgan R., Dannenberg A., Sukkumnoed D., Wendel A. 'The Effectiveness of Health Impact Assessments Conducted in Australia and New Zealand', (2010–2011).

Faculty of Medicine, Nursing and Health Science (FMNHS) Strategic Grant Scheme. Mazza D., Keleher H., Browning C. 'Patient Perceptions of Prevention in Primary Care'.

Awards

Professor Helen Keleher is the national president of the Public Health Association Australia (PHAA) for the next two years.

The Honourable Jenny Macklin, Minister for Families, Housing, Community Services and Indigenous Affairs has appointed Dr Charles Livingstone to the Australian Government's Ministerial Expert Advisory Committee on Gambling.

Associate Professor Ben Smith is chief editor of the Health Promotion Journal of Australia and Professor Helen Keleher is co-editor.

Associate Professor

Associate Professor Ben Smith

Senior Lecturer

Dr Charles Livingstone

Dr Rosalie Aroni

Dr Belinda Crockett

Lecturer

Ms Emma Bruce

Ms Nerida Joss

Dr Nikos Thomacos

Research Officer

Ms Sarah Carmody

Ms Dimitri Batras

Department Administrator

Ms Bronwyn Murphy

Ms Pauline O'Brian (until May 2010)

Course Student Administration Officer

Ms Kaylene Hanlon

PhD students

Ms Darshini Ayton

Ms Tess Nagorcka-Tsindos

Ms Nerida Joss

Ms Kate Roberts

Ms Dimitri Batras

Ms Sabrina Gupta

Ms Barbary Clarke

Ms Deb Colville

DHSc Fellows (Victorian Public Health Training Scheme)

Ms Claire Tobin

Ms Chebi Kipsaina

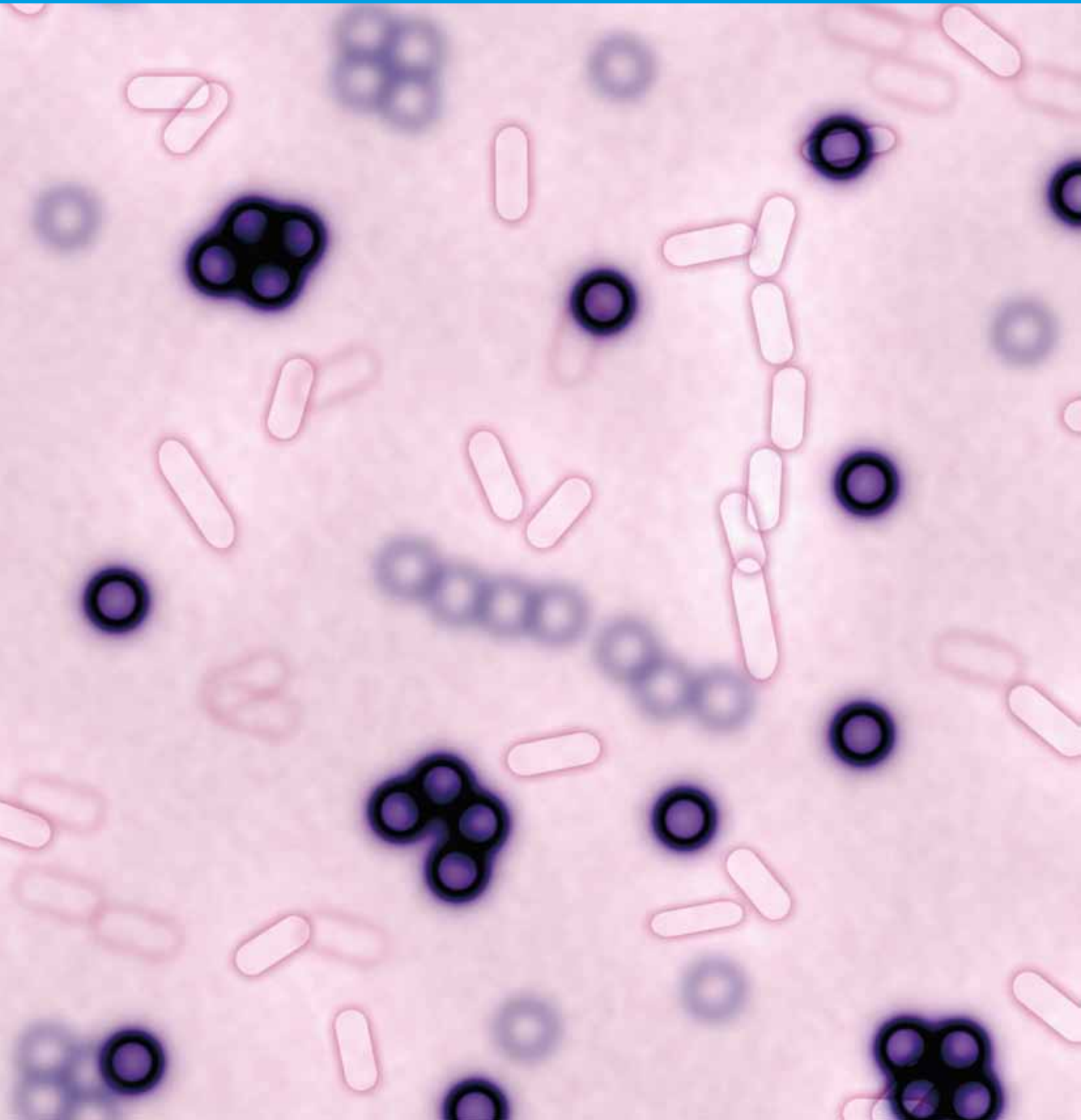
Ms Susan Heywood

Ms Angela Rintoul

Ms Karen Moore



Infectious Diseases Epidemiology Unit



The research of the Infectious Disease Epidemiology Unit (within the Division of Clinical Epidemiology) covers a broad range of topics. These include travellers' health, immigrant/refugee health issues, the burden of communicable diseases and infectious disease transmission modelling. The unit is also involved in studies of infectious diseases (such as nosocomial infections and influenza)

that represent important problems in clinical practice and in the development of national and international clinical management guidelines.

Part of the work of the Unit falls under the Division of Occupational and Environmental Health, which addresses issues around environmental impacts on infections and water quality and public health.

Head



Associate Professor
Karin Leder

Awards and Achievements

Associate Professor Karin Leder
NHMRC Career Development Award,
(2011–2014).

Associate Professor Allen Cheng
NHMRC Health Professional Research
Training Fellowship. 'Molecular, spatial
and mathematical techniques in the
analysis of the epidemiology of tropical
infectious diseases', (2009–2010).

NHMRC Career Development Award,
(2011–2014).

Associate Professor

Associate Professor Allen Cheng

Senior Research Fellow

Dr Robert Hall

Research Assistant

Ms Pam Hayes

PhD Student

Mr Surendra Karki

International Public Health Unit



In 2010 the International Public Health Unit – part of the Department of Epidemiology and Preventive Medicine at Monash University received a US NIH Millennium Promise award to support the development of an Asian non-communicable disease research network over five years. The ASCEND (Asian Collaboration for Excellence in Non-Communicable Disease) Research Network was thus born. The program was launched at Monash Sunway campus (Malaysia) on Monday 13 June 2011 with Malaysia's Deputy Director General of Health and other Malaysian health officials in attendance. Pictured are some of the inaugural cohort of 25 trainees from Sri Lanka, India, Malaysia and China, completing their initial registration for the program at Monash Sunway campus.

A team of researchers from the Australian, Malaysian and South African campuses of Monash University and support staff make up the International Public Health Unit (IPHU). The Unit works to develop research, education and capacity-building programs that improve health and wellbeing relating to the origins, prevention and management of non-communicable diseases in low-, middle- and high-income countries.

The major research areas of the unit are:

- The prevention and management of non-communicable disease;
- Information and communications technology to improve health;
- Health and wellbeing of Indigenous populations;
- Life course metabolic and circulatory health; and
- Policy development, evaluation and implementation.

Head



Professor Brian Oldenburg

National Health and Medical Research Council (NHMRC) Project Grants

'Using conversational computer technology to improve diabetes management: A randomised controlled trial' (2007–2011)

'An implementation trial of a telephone-based care management program for patients following myocardial infarction' (2007–2011)

'Life! diabetes prevention program: a randomised cluster control trial of its efficacy, effectiveness and cost-effectiveness' (2009–2011)

'Obesity prevention in young women' (2009–2011)

NHMRC Centre of Clinical Research Excellence (CCRE) Project Grant

Centre of Clinical Research Excellence in Circulatory and Associated Conditions in Urban Indigenous Peoples' (2005–2011)

National Institute of Health (NIH) Grant

Building the Asian Non-Communicable Disease Research Network for Regional Research Capacity (2010–2014)

Australian Research Council (ARC)

Developing methods for citizen engagement: Listening to citizens' views about health promotion and the Australian health system (2009–2011)

Other Funding

Commonwealth Department of Health and Ageing. 'An implementation trial of a telehealth program for depression in patients following myocardial infarction', (2009–2011).

Monash University International Strategic Initiative. Contract Research. 'HIV and H2O: the Bushbuckridge diarrhoea project', (2009–2010).

Academy of Family Physicians Foundation. Peers for progress program. Research evaluation grant. 'A controlled evaluation of the Australasian peers for progress diabetes program (PfP-DP) and its transferability to other countries', (2009–2011).

Academy of Family Physicians Foundation. Peers for progress program. Peer Support, Empowerment And Remote Communication Linked by Information Technology (PEARL): A Multi-Component Program To Improve Community-Based Diabetes Care Peers for Progress – Connection for Better Living/Diabetes (2009–2011).

Finkel Chair of Public Health

Professor Ajay Mahal

Senior Lecturer

Dr Catherine Joyce

Project Managers

Ms Bianca Chan (MoodCare)

Dr Dominique Bird (TLC Diabetes)

Dr Michaela Riddell (Peers for Progress)

Ms Naanki Pasricha (ASCEND)

Ms Emma Freen (Global Health)

Research Fellow

Dr Fahad Hanna

Psychologists

Ms Janice Whetton

Dr Stephen Edwards

Research Assistants

Ms Lyndall Kopp

Ms Margaret Brand

Ms Megan Rollo

Ms Sheila Cyril

Mr Guy Unmack

PhD Students

Mr Danny Hills

Ms Durga Shrestha

Ms Marlien Varnfield

Ms Adrienne O'Neil

Ms Catherine Chamberlain

Mr Lal Rawal

Honours Student

Mr Daniel Yore

Visiting Research Fellows

Dr Hang Li

Dr Emily Williams

Office Manager

Ms Sally Kerr

Research Manager

Ms Carla Renwick



Jean Hailes Research Unit



The Jean Hailes Research Unit functions as a partnership between Jean Hailes, Monash University and Southern Health and sits within the School of Public Health and Preventive Medicine. The integrated research team is focusing on the continuum of adverse lifestyle, obesity, insulin resistance, insulin resistant syndromes, including metabolic syndrome and polycystic ovary syndrome (PCOS), gestational diabetes, pre-diabetes, diabetes and cardiovascular disease. The progression through this continuum is not inevitable and the focus of the research team is on mechanisms, prevention and treatment and on translation of evidence into practice. The unit also conducts an extensive menopause research program. The Jean Hailes Clinical Research Unit maintains an independent approach to research although it collaborates locally, nationally and internationally in projects with other research organisations and undertakes single centre studies.

Current large projects include:

- The effectiveness of lifestyle intervention in pregnancy to prevent excess weight gain and improve health outcomes;
- The impact of exercise in PCOS; and
- The natural history of weight gain and the impact of excess weight on health in PCOS.

With integration with the Jean Hailes Foundation for Women's Health, the research team works closely with the Education Unit to translate the latest research findings into practical health and lifestyle approaches for women and their health professionals. The team also has skills in evidence synthesis and appraisal. The research interests focus on areas that impact the quality of life and longevity for women. The strength of the research program lies in the ability to produce solid results and focuses on community health outcomes in an environment that fosters quality research.

Director of Research



Professor Helena Teede

National Health and Medical Research Council (NHMRC) Project Grant

'Insulin resistance in polycystic ovary syndrome and the role of skeletal muscle and adipose tissue', (2010–2011).

Other Grants

Pfizer. Cardio-Vascular Lipid Research Grant. 'Improving outcomes in patients with Type 2 diabetes and chronic kidney disease by defining the relationship between glycated haemoglobin and mean glucose', (2009–2010).

International Diabetes Federation (BRIDGES) Grant. 'STOP diabetes: health related behaviour and risk perception in women with lifestyle related metabolic diseases at a high risk of diabetes', (2008–2010).

Perpetual Trustees Grant. 'Building Research Capacity', (2009–2011)
Jean Hailes Foundation

Department of Health and Ageing. 'PCOS Alliance and Evidence Based Guidelines', (2009–2011).

Jean Hailes Foundation (JHF) Project Grant. 'The Sri Lankan and Indian Cardiovascular Metabolic Study', (2010).

Bupa Health Foundation. 'Application of integrated disease self-management in type 2 diabetes mellitus', (2010–2012).

Awards

Professor Helena Teede
NHMRC Career Development Award. 'The prevention and optimal treatment of Type II Diabetes', (2009–2012).

Associate Professor Sophia Zoungas
NHMRC Health Professional Research Training Fellowship. 'Glycaemia and cardiovascular disease outcomes in patients with diabetes and CKD: methodology, relationship and management', (2008–2011).

Dr Cate Lombard
Helen McPherson Smith Fellowship
Winner of the SPHPM award for doctoral thesis excellence.

Ms Cheryce Harrison
Highly Commended
Southern Health Research Week 2010
Poster Competition. Neonatal and Women's Health Category.

Dr Lisa Moran
Highly Commended
Southern Health Research Week 2010
Poster Competition. Endocrinology and
Metabolism Category.

Dr Cheryce Harrison
JHF Postgraduate Fellowship

Current large projects

National PCOS evidence based
guideline development.

Associate Professor

Associate Professor Sophia Zoungas

Research Fellows

Dr Cate Lombard

Dr Marie Misso

Dr Lisa Moran

Dr Nigel Stepto

Dr Amanda Vincent

Dr Jennifer Wong

Research Manager

Ms Melanie Gibson-Helm

Project Assistants

Ms Lauren Snell

Ms Nicole Ng

PhD Students

Ms Cheryce Harrison

Dr Samantha Hutchison

Dr Anju Joham

Dr Padaphet Sayakhot

Ms Genia Burchall

Ms Samantha Cassar

Ms Sabrina Gupta

Dr Michael Wu

Honours Students

Ms Samantha Kozica

Ms Adina Heilbrunn

Administration

Ms Dee Best (Executive Assistant)



The Michael Kirby Centre for Public Health and Human Rights



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

The Centre comprises activists, lawyers, scientists and ethicists who undertake research that critically examines the contribution of human rights and law to the realisation of good health, particularly among vulnerable communities in Australia and in the developing world. The Centre 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.

The current research, teaching and consultancy projects of the Kirby Centre include:

- Investigating the ethical duties of health professionals in their care and treatment

of asylum seekers in detention. This work has recently been shortlisted for a 2010 Eureka Prize;

- Collaborating with the Victorian Institute of Forensic Medicine to examine and document the role and contribution of forensic medical and nursing staff to the welfare of survivors of sexual assault;
- Developing a reform strategy that addresses the local, national and international regulatory environments that promote obesity;
- Investigating the attitudes of the Australian population about the protection of personal privacy when conducting health and medical research;
- Examining the obligations of clinical researchers related to disclosure and management of conflicts of interest, particularly in their dealings with pharmaceutical companies; and
- Exploring the testing of women for HIV in antenatal settings in Tamil Nadu, India.

Director



Associate Professor
Bebe Loff

National Health and Medicine Research (NHMRC) Grants

'What do Australians think about privacy and participation in epidemiological research?', (2009–2011).

'A comprehensive regulatory strategy for obesity prevention in Australia', (2007–2011).

Other Grants

Queensland Department of Health. Contract Research. Associate Professor Bebe Loff. 'Queensland food and physical policy research project', (2010).

Awards/Honours

The Michael Kirby Centre became a collaborating centre of the Joint United Nations Programme on HIV/AIDS ('UNAIDS') in 2010.

Associate Professor Loff and Dr Zion (along with Professor Linda Briskman from Curtin University) were short-listed for an Australia Museum Eureka Prize in 2010 for their work on the ethics of healthcare provision in the context of detention.

Dr Zion was short-listed for the Mark Ehrenreich prize for healthcare ethics.

VicHealth. Senior Fellowship. Associate Professor Bebe Loff. 'Health inequalities, governance and participation', (2007–2011).

Deputy Director

Dr Deborah Zion

Lecturer

Dr Liz Bishop

Mr Brad Crammond

Senior Research Fellow

Ms Cheryl Overs

Research Fellow

Dr Claudia Slegers

Research Assistant

Mr Michael Williams

PhD Students

Ms Shyamala Nataraj

Ms Bridget Pratt

Ms Molly Bond

Mr Brad Crammond

Ms Bridget Haire



Monash Centre for Occupational and Environmental Health (MonCOEH)



The Monash Centre for Occupational and Environmental Health (MonCOEH) is one of Australia's leading research and education centres in this field. It has close to 30 researchers, PhD students, teaching and administrative staff.

MonCOEH is part of the SPHPM and has a very diverse research program. The program includes several occupational cohort studies of chronic diseases in petroleum workers, aluminium industry workers, orchardists, lead workers, asbestos cement workers, firefighters, nurses and military veterans.

Other research interests include occupational disease surveillance, the respiratory and cardiac effects of small particles and other air pollutants, occupational health and safety (OHS) aspects of occupational light vehicle use, the health effects of mobile phone use, workplace health promotion, nanotechnology and methods of exposure assessment. MonCOEH has a five-year NHMRC Public Health Capacity Building Grant to build

research capacity in workplace public health and has secured several other NHMRC grants.

MonCOEH has many national and international research collaborators and is a research hub for the Institute for Safety, Compensation and Recovery Research. The Centre is currently working to bring research and evaluation expertise to the WorkHealth program of cardiovascular and diabetes screening in workplaces. MonCOEH also has an active PhD program, runs regular short courses and offers several postgraduate courses in occupational and environmental health (part or full-time study).

The staff at MonCOEH are members of many national and international professional, government and advisory bodies. MonCOEH is applying to become a World Health Organisation Co-ordinating Centre in Occupational Health and has strong collaborative links in the Asia-Pacific region (including in Thailand, Malaysia and Sri Lanka).

Director



Professor Malcolm Sim

National Health and Medical Research Council (NHMRC) Public Health Capacity Building Grant

'Linking research, policy and health services to build a better evidence base for workplace public health', (2009–2013).

NHMRC-EU Grant

'Risk of brain cancer from exposure to radiofrequency fields in childhood and adolescence', (2009–2013).

NHMRC Project Grant

'Mobile phones, radiofrequency exposure and the development of cognitive function in primary school children', (2009–2011).

Other Funding

WorkSafe Victoria. 'Evaluation of WorkHealth', (2010–2012).

ALCOA of Australia. HealthWise. 'A study of health and work in employees of Alcoa of Australia Limited', (2001–2011).

Department of Veterans Affairs. 'Follow-up study of the Australian Gulf War Veterans', (2010–2013).

Institute for Safety, Compensation and Recovery Research. 'Epidemiology of Noise Induced Hearing Loss', (2009–2010).

Cement Australia. 'Cohort study of asbestos cement workers in Railton, Tasmania', (2009–2010).

Australian Institute of Petroleum. HealthWatch. 'Maintenance of the Health Watch Cohort and Commencement of New Health Watch Cohort', (2005–2012).

Awards and Achievements

Dr Geza Benke
Career Development Award,
(2007–2011).

Dr Tessa Keegel
NHMRC Public Health Australian
Fellowship, (2010–2013).

Dr Rwth Stuckey
Australian Institute of Safety. Most
Outstanding PhD Thesis, (2010).

Dr Deborah Glass
Annals Occupational Hygiene.
Assistant Editor, (2010).

Dr Helen Kelsall
Nomination to the Royal
Australasian College of Surgeons
ethics committee, (2010).

Senior Research Fellows

Dr Helen Kelsall

Dr Geza Benke

Dr Deborah Glass

Dr Samia Radi

Dr Frederieke Schaafsma

Senior Lecturers

Mr Neville Betts

Dr David Elder

Dr David Fish

Dr David Goddard

Dr Rwth Stuckey

Research Fellows

Dr Martine Dennekamp

Dr Jill Blackman

Dr Tessa Keegel

Dr Ewan Macfarlane

Mr Anthony del Monaco

Research Assistants/Officers

Ms Elisa Wood

Ms Stella Gwini

Ms Christina Dimitriadis

Mrs Rosa Schattner

Visiting Academics

Dr Inoka Suraweera (Ministry of
Healthcare and Nutrition, Sri Lanka)

PhD Student

Dr Victor Hoe

Victorian Public Health Training Scheme Doctor of Public Health program

Dr Marian Abouzeid

Dr Nathan Grills

Administration

Ms Emily Mulholland (Centre Manager)

Ms Jane Miosge (Administrator)



Musculoskeletal Epidemiology Unit



The focus of the work in the Musculoskeletal Epidemiology Unit is on novel approaches to the treatment and prevention of musculoskeletal diseases, particularly osteoarthritis (OA). This year, work continued in understanding the pathogenesis of knee OA. This has been underpinned by the ability to non-invasively examine joint structures with magnetic resonance imaging. The use of this technique has enabled us to explore the relationship between obesity and body composition and the association of these factors in OA. The results of some very exciting new work have provided evidence for the role of metabolic factors in knee OA. This offers potential for novel approaches to the treatment of knee OA. Parallel work is also continuing that

explores the effect of physical activity on joint health. We also commenced an NHMRC funded study aimed at determining whether Vitamin D prevents progression of knee osteoarthritis.

Following the success of the work in the knee, we are turning our attention to the hip, foot and back. These areas are relatively under-investigated but are major causes of pain and disability in the ageing population. We are developing the work through a number of key collaborations. These include The University of Tasmania, The University of Melbourne, The Anti-Cancer Council, La Trobe University, Griffith University, the Australian National Joint Replacement Registry and The University of Montreal.

Head



Professor Flavia Cicuttini

National Health and Medical Research Council (NHMRC) Project Grants

'Young people with old knees: knee ligament reconstruction and early joint changes', (2009–2013).

Other Grants

Mesoblast Limited. Contract Research. 'A randomised, double-blind comparator study to assess the safety and tolerability of a single injection into the knee joint of two different doses of MSB-CAR001 combined with Hyaluronan compared to Hyaluronan alone in patients who have recently undergone knee reconstruction', (2009–2011).

Awards

Australian Rheumatology Association. Annual Scientific Meeting. Co-author on Young Investigator's Award at the Australian Rheumatology Association Annual Scientific Meeting, 2010 (Melbourne).

'The effect of long term vigorous physical activity on knee cartilage among adults without clinical knee disease'. Teichtahl, A.J., Wluka, A.E., Wang, Y., Forbes, A., Davies-Tuck M.L., English, D.R., Giles, D., and Cicuttini, F.M.

Professor Flavia Cicuttini
2010 Parr Prize for best rheumatology research over the last three years.

Dr Yunayuna Wang
Alfred Hospital Poster Week. Whole Time Medical Specialists Private Practice Scheme Prize for Clinical Research, 2010.

Travel grant from Genzyme, 2010.

American College of Rheumatology Annual Scientific Meeting. Notable poster prize, 2010.

Dr Anita Wluka
NHMRC Career Development Award. 'Using good measurement principles to examine musculoskeletal disease and improve the evaluation of new diagnostic tests', (2009–2012).

Senior Research Fellow

Dr Anita Wluka

Associate Professor

Associate Professor Changhai Ding

Research Fellows

Dr Donna Urquhart
Dr Yuanyuan Wang
Dr Fahad Hanna

Post Doctoral Fellow

Dr Miranda Davies Tuck

PhD students

Ms Sharon Brennan
Ms Patricia Berry
Ms Stephanie Tanamas
Mr Andrew Teichtahl

Masters Student

Ms Harbeer Ahedi

Honours Students

Ms Natalie Almond
Monica Suplewski

Visiting Academics

Dr Pushpika Jayalath
Dr Badrika Suranganie Wijesundara

Research Nurses

Ms Judy Hankin
Ms Alice Noone

Pre-hospital Emergency and Trauma Unit



The Pre-hospital, Emergency and Trauma Unit is headed by Associate Professor Belinda Gabbe (Trauma). The unit is responsible for a number of registries including the Victorian State Trauma Registry Outcomes Monitoring Group (VSTORM), the Victorian Orthopaedic Trauma Outcomes

Registry (VOTOR) and the bi-national Burns Registry (Bi-NR). 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.

Head



Associate Professor
Belinda Gabbe

NHMRC Project Grants

'Hyperbaric oxygen in lower limb trauma: a randomised controlled clinical trial', (2008–2012).

Other Grants

Australia and New Zealand Burns Association Pty Ltd. Contract Research. 'National burns registry upgrade', (2008–2010).

Helen Macpherson Smith Trust. Research Grant. 'Burns Registry', (2010–2012).

Transport Accident Commission (TAC) via Institute for Safety, Compensation and Recovery Research (ISCRR). 'Victorian Orthopaedic Trauma Outcomes Registry (VOTOR)', (2010).

Awards

Professor Peter Cameron
Appointed President of the International Federation of Emergency Medicine (IFEM).

NHMRC Practitioner Fellowship, (2009–2013).

Associate Professor Belinda Gabbe
Promoted to Associate Professor in recognition of her outstanding contribution to research at Monash University.

Won the 'Best Free Paper – Non Medical' prize at the Annual Scientific Meeting of the Australasian Trauma Society.

NHMRC Fellowship. 'Improving the measurement and monitoring of long term outcomes following trauma', (2007–2010).

Mr Paul Jennings
RACV Sir Edmund Herring
Memorial Scholarship

Senior Research Fellow

Associate Professor Belinda Gabbe

Systems Information Manager

Mr Andrew Hannaford

Research Fellow

Ms Dina Watterson

Research Fellows/ PhD Students

Mr Cameron Gosling

Mr Paul Jennings

Research Assistants

Ms Krystle Hiller

Ms Vina Nguyen

Ms Natalie Picton

Research Nurses

Ms Ann Sutherland

Ms Melissa Hart

Mr Conor Deasy

Mr Luke Benato

Mr Ben Silvester

Critical Care Division Manager

Ms Mimi Morgan

VSTORM Data Manager

Ms Sue McLellan

Masters Students/ PhD Students

Ms Nadine Andrew

Dr Biswadev Mitra

Dr Gerard O'Reilly

Dr Dev Kevat

Data Entry Clerks

Mr James Westmore

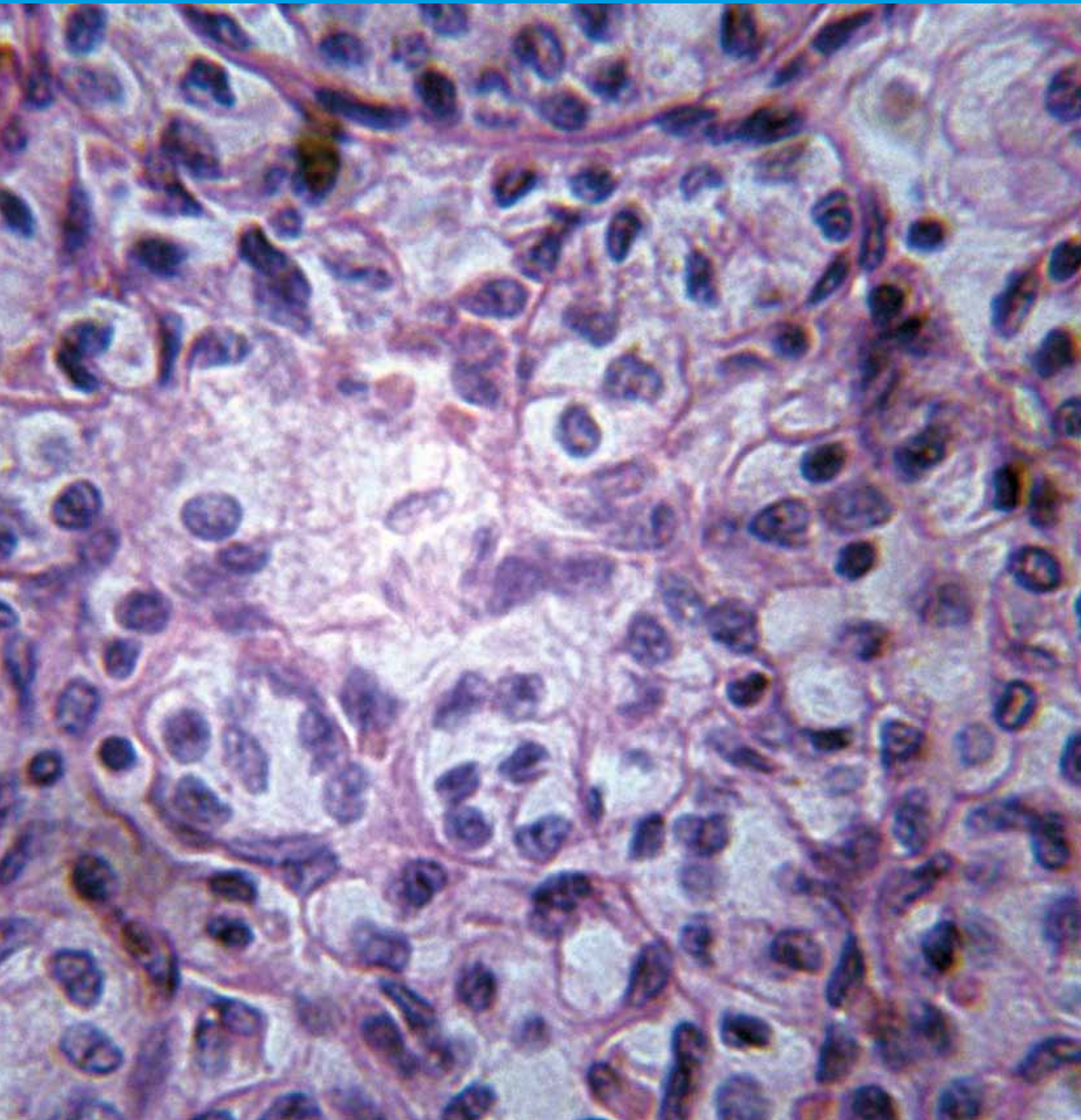
Mr Jim Cameron

VSTORM Follow-up staff

Ms Diane Waters

Ms Elizabeth Richards

Renal Disease Prevention Unit



The focus of the Kidney 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 and 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.

The Unit also heads the Asia Pacific Co-coordinating Centre of the Collaborative Study Group, a collective of 300 worldwide nephrology centres. This group undertakes physician-initiated pharmaceutical studies on chronic kidney disease, in particular, diabetic nephropathy. Over the past five years, three major trials have been undertaken on three new drugs that reduce the progression of both mild and severe kidney disease.

Head



Professor Bob Atkins

National Health and Medical Research Council (NHMRC) Projects Grants

Ausdiab 3. 'Emerging risk factors for, and long term incidence of, cardio/metabolic diseases', (administered by Baker-IDI).

Other Grants

'H9V-MC-GFRF study'.

Research Governance



“Research governance is the framework by which institutions support, monitor and attest to the safety, ethical acceptability and quality of the research they undertake.”¹

“The purpose of research governance is to ensure research integrity through accountability, transparency and responsibility. Good governance also seeks to ensure that research is carried out with the highest scientific and ethical standards, appropriate use of finances, and robust monitoring, review and evaluation processes.”²

Currently, Mrs Marina Skiba is the acting Research Governance Coordinator. The Coordinator, and 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 2010 included educating researchers about the value of collaborative agreements, investigating intellectual property issues that can arise for PhD students, exploring better electronic data transfer options and updating the content of the departmental Guide to Good Research Practice.

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

- A Research Governance Coordinator and Committee;
- Auditing 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.

References

1. Anderson W. P., Cordner C. D., Breen K. J (2006). Strengthening Australia's framework for research oversight. *Med. J. Aust.* 184 (6): 261–263.
2. Poustie S. J., Taylor D., Forbes A. B., Skiba M. A., Nelson M.R., McNeil J.J (2006). Implementing a research governance framework for clinical and public health research. *Med. J. Aust.* 185 (11–12): 623–626.

Acting Research Governance Coordinator



Ms Marina Skiba

Members of the Research Governance Committee

Dr Megan Brooks (until July 2010)

Dr Elizabeth Douglas

Professor Andrew Forbes

Associate Professor Damien Jolley

Dr Jayamini Illesinghe

Associate Professor Allen Cheng

Professor John McNeil

Mrs Marina Skiba (Chair)

Transfusion Research Unit



The Transfusion Research Unit (TRU) was formed as a result of a reorganisation of the School of Public Health and Preventive Medicine, undertaken at the beginning of 2010. The formation of this unit is testament to the amount and quality of work being carried out in transfusion medicine research by staff from the Critical Care Research Division. The founding project in transfusion research was the bi-national Haemostasis Registry 2005-2009. This registry provided a framework and basis for numerous transfusion-related projects and was the launching pad for the development of the Transfusion Research Unit. The unit has an active relationship with the Australian Red Cross Blood Service, which is pivotal to the design and process of relevant and pioneering research in this area of study. In particular this occurs through the Transfusion Outcomes Research Collaborative, which is a partnership between the Blood Service and Monash University's SPHPM.

Our current projects use a variety of sources and methodologies to examine data related to transfusion. These include large data linkage projects (in collaboration with clinicians at

hospitals) and the custodians of major clinical quality registries eg, Victorian State Trauma Outcomes Registry (VSTORM), The Australian Society of Cardiothoracic Surgeons (ASCTS) National Cardiac Database Program and the Australian and New Zealand Intensive Care Adult Patient Database (ANZICS-APD). We have also established a number of new registries to collect information about rare blood disorders (the Thrombotic Thrombocytopenic Purpura (TTP) Registry, the Neonatal Alloimmune Thrombocytopenia (NAIT) Registry and the Aplastic Anaemia (AA) Registry) and we are embarking on a new national Massive Transfusion Registry and a cohort study of patients with venous thromboembolisms (VTE Cohort Study). In collaboration with the Epidemiological Modelling Unit, we are developing a model of supply and demand for blood products. This model will also include the impact of major events (such as disasters or pandemics) on demand for blood products. Our studies also include human factors research into various aspects of decision making around transfusion and a study of errors in the blood sample collection process.

Head



Dr Louise Phillips

NHMRC Partnership Grant

'Transfusion research: outcomes into policy and practice', (2010–2012).

Other Grants

Australian Red Cross Blood Service. Contract Research. 'Clinical outcomes following the use of blood products in Australia', (2008–2011).

CSL Limited. Biotherapies Research Grant. 'Critical Bleeding and Massive Transfusion Registry', (2010–2012).

Australian Red Cross Blood Service, Contract Research. 'Australia's blood supply in a major disaster or pandemic: How will we meet clinical demand?', (2010–2011).

Awards and Achievements

Dr Amanda Zatta
NHMRC Peter Doherty Postdoctoral Training Fellowship, (2010–2013).

Dr Zoe McQuilten
NHMRC Medical and Dental
Postgraduate Research Scholarship
(2010–2012)

Senior Research Fellow

Dr Shelly Jeffcott

Clinical Research Fellow/ PhD Student

Dr Zoe McQuilten

Research Fellows

Dr Amanda Zatta

Dr Rangi Kandane-Rathnayake

Research Assistants

Ms Naomi Aoki

Ms Joanne Enticott

Dr Rosemary McGinnes

Administrative Staff

Ms Rosalie Clementson

Ms Jessica Oddy

Ms Maree Smith

Water Quality Unit



Members of the Infectious Disease Epidemiology Unit working within the Water Quality Unit are involved in research on water quality and public health. They also study the impact of environmental conditions on infectious diseases. There is a particular focus on assessing and managing the health impacts of microbial pathogens in

conventional water supplies and alternative water sources such as rainwater, greywater, and recycled water. The staff at the Unit are also involved in committees responsible for the development of national water guidelines, and in the research program of the national research organisation (Water Quality Research Australia).

Head



Associate Professor
Karin Leder

National Health and Medical Research Council (NHMRC) Project Grants

'Establishing Australian Health Based Targets for Microbial Water Quality', (2010–2011).

Other grants

Smart Water Fund (Victoria). Project Grant. 'Greywater use in the backyard: what are the health risks?', (2010–2011).

Water Quality Research Australia. Project Grant. 'Exposure assessment using cyanuric acid – Stage 1', (2010).

Water Quality Research Australia. 'Health Stream Newsletter', (ongoing, commencing 2009).

Awards and Achievements

Dr Joanne O' Toole
Australian Academy of Science Grant, (2010–2011). Scientific visits to Europe program.

NHMRC Training Fellowship, (2011–2014).

Senior Research Fellows

Dr Martha Sinclair

Dr Robert Hall

Research Fellows

Dr Timo Birkenstock

Dr Joanne O'Toole

Research Assistants

Ms Katie Dale

Ms Pam Hayes

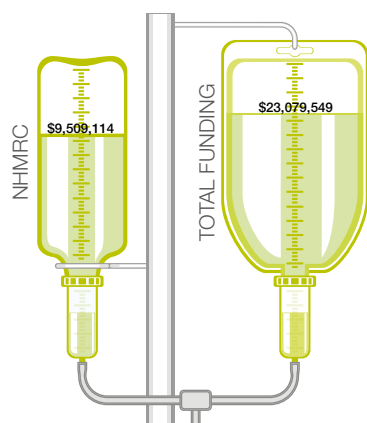
PhD Student

Ms Shelly Rodrigo

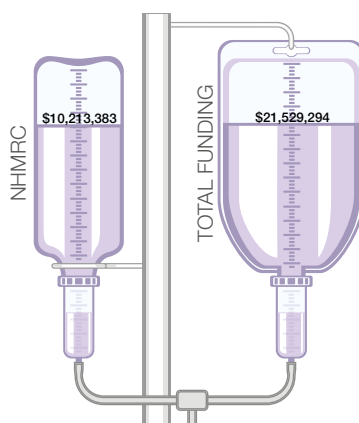
Visiting Academic

Dr Manori Malawaraarachchi

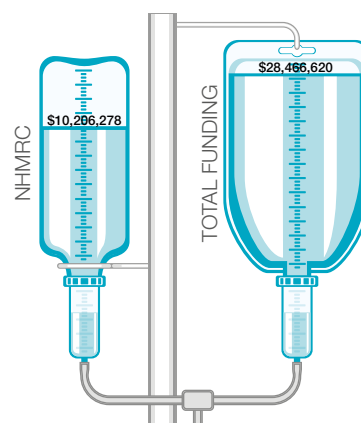
Funding sources



2008 Funding	
NHMRC	\$9,509,114
Total	\$23,079,549



2009 Funding	
NHMRC	\$10,213,383
Total	\$21,529,294



2010 Funding	
NHMRC	\$10,206,278
Total	\$28,466,620

Source	Investigators and Project Title	Duration (years)	Period	Total Funds (\$)
Arthritis Australia Fellowship	D. Urquhart: Social determinants of joint replacement in Australia – implications for potential health inequality	1	2010	50,000
Arthritis Australia Project Grant	C. Brand: Trends in use of arthroscopy of osteoarthritis of the knee in Victorian public and private sector hospitals	1	2010	20,000
NHMRC Fellowship	R. Buchbinder: NHMRC Practitioner fellowship – PF2	5	2010–2014	504,875
NHMRC Program Grant	H. Krum, C. Reid, D. Kelly: Prevention and treatment of chronic heart and kidney disease via epidemiological, pharmacological device and cell-based approaches	5	2010–2014	5,390,000
NHMRC Project Grant	K. Leder, C. Stevenson, M. Sinclair: Establishing Australian health-based targets for microbial water quality	2	2010–2011	283,240
	M. Sim, G. Giles: A case control study of risk factors for aggressive prostate cancer	1	2010	93,400
	H. Teede, B. Strauss, J. Zierath, N. Stepto, J. Cameron: Insulin resistance in polycystic ovary syndrome and the role of skeletal muscle and adipose tissue	2	2010–2011	404,750
	M. Bailey, A. Nichol, L. Lam: Bacterial levels in severe sepsis	3	2010–2012	80,937

NHMRC Partnership Grant	J. McNeil, P. Cameron, D. Jolley, C. Stevenson, E. Wood, P. Sanders, J. Ibister: Transfusion research: outcomes into policy and practice	3	2010–2012	1,673,001
NHMRC Enabling Grant	R. Bellomo, D. J. Cooper, S. Finfer, J. Myburgh: National centre for intensive care research (NCICR)	6	2010–2015	2,500,000
NHMRC Postdoctoral Fellowships	H. Li: Measurement of Beijing's health promotion status and progress: transferability of the Australian experience to China	1	2010	132,500
	D. O'Connor: Ensuring breakthrough includes follow-through: developing and testing methods to increase uptake of research in practice	5	2010–2014	285,000
	L. Doyle: NHMRC medical postgraduate research scholarship	3	2010–2012	80,937
NHMRC Scholarship Grant	A. Hodge: NHMRC medical postgraduate research scholarship	4	2010–2013	107,750
	B. Oldenburg: NHMRC Dora Lush postgraduate research scholarship	4	2010–2013	228,127
Department of Veterans Affairs Research Grant	M. Sim, H. Kelsall, J. Blackman: Sequelae of psychiatric conditions and multisymptom illness, follow up of mortality and cancer incidence, and analysis of serum samples in the Gulf War veteran cohort study	4	2010–2013	1,319,991
Victorian Cancer Agency Translational Cancer Research Funding	J. McNeil, C. Reid, R. Burton, R. Woods: Building translational clinical research capacity in regional Victoria through ASPREE and the Healthy Ageing Biobank	3	2010–2012	1,921,000
Pfizer Australia Cardio Vascular Lipid Research Grant	P. Karan, P. Cameron, H. Krum: Utility of NGAL and renal biomarker panel in predicting renal impairment, further decompensation and rehospitalisation in acute decompensation and chronic heart failure patients.	1	2010	48,864
Victorian Neurotrauma Initiative (VNI) Research Grant	D. J. Cooper, R. Bellomo, S. Bernard, M. Morganti-Kossmann: Multi-Centre randomised controlled trials of early acute interventions to attenuate secondary brain injury after trauma	5	2010–2014	2,086,100
Department of Health and Ageing Contract Research	S. Green, J. McNeil: Methodology for the development of national evidence-based antenatal care guidelines	2	2010–2011	14,904

National Water Commission Fellowship	J. O'Toole: Water recycling: Identifying data gaps and refining estimates of pathogen health risks	2	2010–2011	136,000
CSL Limited Biotherapies Research Grant	P. Cameron: Critical Bleeding and Massive Transfusion Registry	3	2010–2012	25,000
APG Rural and Regional Sustainability Grant	B. Smith: APG Rural and Regional Sustainability Program 2010 to 2012 Evaluation	4	2010–2013	270,000
Prostate Cancer Australia, Department of Health and Ageing and Cancer Australia Grant	J. Millar, D. Bolton, A. Costello, I. Davis, G. Giles, J McNeil: Pilot of a population-based prostate cancer clinical registry	4	2010–2013	592,875
Australian Competition and Consumer Commission	J. Ozanne-Smith: Targeted study of injury data involving motorised mobility scooters	1	2010	29,772
ANZ Trustees Medical research and technology in Victoria grant – The Hugh D T Williamson Foundation	J. Millar, S. Evans, J. McNeil, D. Bolton, G. Giles, I. Davies: A web-based data management system for the prostate cancer clinical registry	1	2010	12,500
Australian Centre for Economic Research on Health	J. Stoelwinder: Risk-equalisation methodologies in health insurance: an international perspective	1	2010	80,000
Department of Health	C. Brand: Defining and benchmarking clinically appropriate exceptions to the emergency department four hour national access target	1	2010	56,471
Queensland Department of Health	B. Loff: food and physical policy research project	1	2010	24,900
Institute for Safety Compensation and Recovery Research	H. Keleher, D. Ayton: Psychological conceptual model review	1	2010	31,278
Work Safe Australia	T. Keegel, A. La Montagne, R. Nixon: National hazard exposure worker surveillance (NHEWS) survey	1	2010	21,659
	M. Sim, G. Benke, E. MacFarlane: Australian Mesothelioma Registry	4	2010–2013	276,454
	M. Sim: Evaluation of work health	3	2010–2012	1,022,160

Sylvia and Charles Viertel Charitable Foundation	D. Urquhart: Optimising therapeutic and preventive strategies for low back pain and disability	1	2010	54,545
Victorian Managed Insurance Authority	C. Brand: VMIA literature review proposal: High performing health care services	1	2010	27,273
Inner East Community Health Service	E. Bruce, A. Joyce: Evaluation of Inner East community health service integrated 2009–2010	1	2010	7,560
The Prince of Wales Hospital	R. Bellomo, B. Howe: Sedation practices in intensive care	1	2010	112,344
NIH-Fogarty International Centre	B. Oldenburg, E. Fisher, K. A. I Kadir, K. Thankappan: Building the Asian non-communicable disease research network for regional research capacity	6	2010–2015	1,178,773
Windermere Child and Family Services	A. Joyce: Building Harmony Project – Cardinia growth corridor	3	2010–2012	7,000
Helen Macpherson Smith Trust	P. Cameron, A. Hannaford, H. Cleland, D. Michelle, N. Picton, B. Gabbe: Burns Registry	3	2010–2012	172,448
Victoria Police	V. Routley, G. Trytell, M-C. Ellsmore: Suicide and the Victorian road toll	2	2010–2011	\$26,800
Water Quality Research Australia and Smart Water Fund	M. Sinclair, K. Leder, J. O’Toole, A. Hamilton, D. Halliwell: Greywater use in the backyard: What are the health risks?	2	2010–2011	181,396
Inner South Community Health Services	Keleher, H: Joint Chair in health inequities: Research agreement	2	2010–2011	157,350
South East Healthy Community Partnership	C. Livingstone, E. Bruce: Problem gambling project evaluation	2	2010–2011	22,200
Northwest Mental Health	C. Livingstone, C. Whelan: Support for strategic service planning, North West mental health service	1	2010	25,455
Australian Red Cross Blood Service	L. Phillips: Australia’s blood supply in a major disaster or pandemic: How will we meet clinical demand?	2	2010–2011	173,182
Transport Accident Commission (TAC) via Institute for Safety Compensation and Recovery Research (ISCRR)	P. Cameron: Victorian Orthopaedic Trauma Outcomes Registry (VOTOR)	1	2010	247,252

Teaching – Undergraduate

Staff of the SPHPM teach in the Bachelor of Medicine and Bachelor of Surgery (MBBS) program and the Bachelor of Biomedical Science (BBiomedSc). The Department of Forensic Medicine together with the Faculty of Law, taught Elements of Forensic Medicine to undergraduate law students, both nationally and internationally. The SPHPM managed the Bachelor of Health Science (BHSc) and Bachelor of Health Science/Bachelor of Social Work (BHSc/BSW) degrees that are delivered from the Caulfield campus.

Bachelor of Medicine and Bachelor of Surgery

A number of SPHPM staff is involved with the MBBS program. These include Dr Robert Hall (course coordinator), Professor Just Stoelwinder, Dr Dragan Ilic, Dr David Goddard, Dr Rosalie Aroni and Professor Michael Abramson. The School mainly teaches the Theme 2, *Population, Society, Health and Illness* of the MBBS program. This theme comprises of occupational and environmental medicine and evidence-based clinical practice units.

Second year students undertake a unit in the community-based practice program on health promotion. Dr Robert Hall and Dr Craig Hassed (from the Department of General Practice) coordinate this unit. This unit introduces students to community-based organisations and it is their first contact with patients and clients where they learn about their professional role. A key component in this unit is learning about the place of health promotion in modern health care. Students undertake a research project in groups of three to five and the aim is to develop an understanding of the pivotal role of research in developing an evidence base for practice. The project is undertaken with the community-based organisation and students present their results at a poster presentation day at the end of the unit. The Chris Silagy Award is awarded each year for the best research presentation and report. In 2010, Elizabeth Prime and Rifath Syeda won the Chris Silagy Prize for their work (the health promotion project 'Promoting Awareness about Healthy Romantic Relationships between Adolescents'), with the South East Centre Against Sexual Assault (SECASA).

The programs in occupational medicine and environmental medicine for Year 3 (undergraduate) and Year B (graduate entry) students are held in the second semester. During each of the last seven years, there has been a gradual increase in the number of students, with a total of 455 in Year 3/B in 2010 including 260 in the Melbourne area. This outstripped our ability to provide small-group tuition and workplace visits for Melbourne-based students. Two changes were introduced to the programs. These were the use of large group interactive tutorials using a form of cooperative learning and a 'virtual' workplace visit. Venue limitations and the sizes of the two largest groups (71 and 88 students) obstructed attempts to implement this cooperative learning method. Detailed student evaluations were obtained both during and at the end of the program. Overall, this showed lower satisfaction with the presentation of the program than in the last two years and attendance was somewhat lower. Nonetheless, 335 students chose to sit for the special examination for the John Desmond Prize in Occupational Medicine and 55 per



cent of these reached Distinction or High Distinction level. Students from the Johor Bahru campus in Southern Malaysia performed particularly well. Several improvements have been foreshadowed for 2011 including a maximum group size of 45 and clearer visual representations of workplaces.

The Evidence Based Clinical Practice (EBCP) unit is coordinated by Dr Dragan Ilic and delivered to Monash University MBBS students in the 3rd and 4th years of the undergraduate course, and to students undertaking the graduate course based at the Gippsland Medical School (GMS). The EBCP unit is delivered across the Southern Clinical School, Central and Eastern Clinical Schools, School of Rural Health, GMS and Monash University Malaysia (MUM). The unit aims to equip students with the skills to identify, appraise and integrate the best available evidence to their clinical training and practice.

In 2010, the EBCP unit was delivered to 300 3rd year MBBS students across six metropolitan and two rural clinical sites in Victoria. The unit was also delivered to 90 3rd year MBBS students at MUM and 70 graduate entry students enrolled at GMS. Collaboration between Dr Dragan Ilic and Associate Professor Elmer Villanueva saw the development, implementation and evaluation of a novel EBCP program administered to the GMS students.

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

Undergraduate and Graduate Entry Medical Law Programs

For 21 years the Department of Forensic Medicine and the Faculty of Law have jointly offered teaching to undergraduate law students in the Elements of Forensic Medicine unit, a unique option in the Law curriculum.

Each year, Emeritus Professor Louis Waller and Professor Stephen Cordner provide current and relevant information to students using a variety of sources. The unit continues to be popular, with 29 students enrolled in 2010.

Some of the highlights for the students were the site visit to the Victoria Police Forensic Services Department at Macleod, a guest lecture from the Hon Frank Vincent, AO QC on 'DPP v Jama – an inquiry into a miscarriage of justice' and the Victorian Institute of Forensic Medicine Prize for Elements of Forensic Medicine. The prize of \$500, which is sponsored by the Department of Forensic Medicine, is awarded to the student who achieves the highest mark in Forensic Medicine. In 2010 Mr Dean Isreb, who was the best student in 2009, won this prize.

Medical Law

Clayton Undergraduate Program

In 2010, years one, three and four of the Clayton Medical Law program were successfully delivered at both metropolitan and rural teaching sites. In addition to the Clayton campus, metropolitan tutorials were also delivered at Monash Medical Centre, the Alfred, Cabrini and Box Hill hospitals. Rural tutorial delivery sites included Mildura, Bendigo and Traralgon hospitals. In addition, a cohort of Malaysian medical students undertaking a year five rotation at Monash Clayton participated in discrete medical law tutorials in 2010. As in the past, the program was delivered by approximately 60 highly qualified legal and clinical experts including the Victorian Health Services Commissioner, a former President of the Mental Health Tribunal,

a former Public Advocate and lawyers from a number of leading Melbourne law firms. Class materials and tutor notes for each year level of the program were substantially revised and updated for 2010 to incorporate recent common law and statutory changes, including the recently enacted Victorian Charter of Human Rights. The Medical Law program has now been successfully delivered over a ten-year period. An evaluation survey of the views of medical graduates of the educational effectiveness of the program, in terms of relevance to clinical practice, is currently being developed. Survey results will provide important feedback for refining and further development of the medical law program.

Gippsland Graduate-Entry Program

Years A, B and C of the graduate-entry Medical Law program, each comprising half day seminar sessions, were successfully delivered at the Monash Churchill campus during 2010. The sessions incorporated a multi-disciplinary panel discussion by legal, ethics and clinical experts. Break-out sessions enabling students to discuss key issues in greater depth within a small group setting followed expert panel discussions. Students were assessed on their knowledge of relevant law in end-of-year written and oral examinations. In all areas assessed, students demonstrated a sound understanding of legal principles involved. Evaluations of the Years A and B Medical Law programs have now been completed as part of a wider evaluation. Responses indicated that students rate the Medical Law program extremely highly in terms of its educational value. This reflects positively on the content of the educational materials and the expertise of the seminar facilitators.

International Medical Graduates Legal Education Workshops

Building on the highly successful Department of Health-funded Medical Law workshops for International Medical graduates in 2009, a series of Mental Health Law workshops



were developed and delivered at three metropolitan and rural mental health services in 2010. A team of expert lawyers led by Associate Professor Leanna Darvall were responsible for writing an educational module outlining key areas of Mental Health Law relevant to clinical practice. The workshop materials were developed in consultation with Dr Ruth Vine, The Chief Psychiatrist Mental Health and Mr John Lesser, former President of the Victorian Mental Health Renew Tribunal. The Mental Health Law workshop facilitators were recruited on the basis of their mental health law expertise and in some instances, experience as members of the Victorian Mental Health Review Tribunal. Feedback from participants was extremely positive in relation to each workshop. An independent evaluation report is currently being prepared. Further funding is being sought from the Department of Health to deliver a series of Mental Health Law workshops for international medical graduates in 2011.

Bachelor of Biomedical Science

The School teaches three units of the BBiomedSc program. There is one core unit, Biomedical Sciences and Society and two elective units, Introduction to the Health System, and Contemporary Health Challenges. The Contemporary Health Challenges unit, which is part of the BHSc program, was offered to BBiomedSci students for the first time in 2010. There are plans to further increase the number of electives in coming years. When they graduate, BBiomedSci students can choose from a variety of careers, so we aim to stimulate their interest in population health. The students learn foundation concepts in epidemiology and public health, including how health is maintained and how illness is controlled at local, regional and national levels.

Honours program

The Bachelor of Medical Science (BMedSc) and BBiomedSc (Hons) are diverse programs. The BMedSc is a research year within the undergraduate medical course. The BBiomedSc (Hons) year is open to BBiomedSc graduates with sufficient grades from the undergraduate BBiomedSc course. BBiomedSc (Hons) and BMedSc students in the SPHPM participate in classes in epidemiology and biostatistics, the cornerstones of medical research. They also complete research supervised by researchers within the department and become proficient in presenting their results at departmental seminars.

A variety of Honours projects were available to students in 2010:

- Biostatistical methods in epidemiological research;
- Cardiovascular disease epidemiology;
- Rheumatology;
- Obesity prevention;
- Clinical pharmacology;
- Diabetes epidemiology;
- Environmental health;
- Infectious disease epidemiology;
- Musculoskeletal epidemiology;
- Occupational health;
- Pharmacoeconomics;
- Preventive medicine;
- Risk assessment; and
- Women's health.

We welcome enquiries from students considering Honours. Enquiries can be directed to Dr Anna Peeters on 03 9903 0177 or at anna.peeters@monash.edu.

Five BBiomed students enrolled in honours in 2010:

Jessica Harding. 'The association between participation in a 4-month workplace pedometer-based program and health related quality of life'.

Samantha Kozica. 'Health habits in women with lifestyle related metabolic disease'.

Phuong Nguyen. 'Our Place on FaceSpace: evaluating the use of social networking sites to promote sexual health and safer sex to young people'.

Kumar Pasupathi (mid-year entry). 'The relationship between obesity in middle age and incidence of disability'.

Monica Suplewski. 'The significance of bone marrow lesions in patients with osteoporosis'.

Four BMedSci students enrolled in honours in 2010:

Natalie Almond. 'Significance of osteophytes identified from magnetic resonance imaging compared to conventional radiography'.

Nadine Ata. 'Our place on FaceSpace: using social networking sites to promote sexual health and safer sex to higher risk groups'.

David Humphries. 'It takes two to tango: what role do adolescent males play in influencing SRH in Vanuatu?'.

Monica Suplewski. 'Bone marrow lesions in patients with knee osteoarthritis'.

Two students enrolled in honours in Bachelor of Medical Sciences (Global Health) in 2010:

Romi Goldschlager. 'Cultural equivalence of the strengths and difficulties questionnaire for adolescent refugees'.

Daniel Yore. 'Australian government policy approaches to health equity in early childhood'.

Bachelor of Health Science

Bachelor of Health Science/Bachelor of Social Work

Bachelor of Health Science/Bachelor of Business

Honours in Bachelor of Health Science

The BHSc is a three-year public health program that includes core units for foundation learning, stream units for specialisation and electives for breadth. All students are expected to develop sound research skills. Core units include foundations of health, research, global health, anatomy and physiology, health systems, epidemiology, health promotion, health programs, policy, and disease prevention. The two specialisation streams are Clinical and Public Health Sciences, and Health Programs and Policy. Students are encouraged to undertake a semester of study abroad.

In 2010, 100 new students were enrolled and there were 80 returning students. The course is supported by a range of community partnerships nurtured by staff in the Department of Health Social Science. These partnerships enable student practical opportunities and bring real-world experience to their learning.

The BHSc/BSW is a four-year double degree that gives students a two-year health science context for their social work degree. The health science component concentrates on areas including health promotion, programs and policy, and community partnerships. In 2010, 40 students were enrolled.

In 2010, the new BHSc/BBus was approved for commencement in 2011. The course will allow students to combine learning about public health with management, economics or marketing.

The first intake in the Honours degree of the BHSc commenced in 2010. Five students enrolled in this course. The course is jointly run with the Bachelor of Medical Science (Global Health) for MBBS students. In both courses, students study core units in contemporary and global health and research methods before undertaking an individual research project.

Amy Hagger. 'There's more to sex than just the plumbing: an exploration of educators' perspectives and experiences of sexual health education at secondary schools in Knox, Victoria'.

Sarah den Hartog. 'Primary school health promotion: more than just posters, pamphlets and health education programs'.

Adina Heilbrunn. 'The experiences and perceptions of Chinese Australians and Anglo-Australians living with Type 2 diabetes in Melbourne'.

Marama Kufi. 'Experiences of the preparation for and attempting of the citizenship test'.

Christa Yakob. 'The applicability and transferability of the "Cafe Meals program" to other populations.'

Teaching – Postgraduate



The Department of Forensic Medicine (DFM) ran two postgraduate courses in forensic medicine

- Master of Forensic Program; and
- Forensic Nursing.

The DEPM postgraduate program is extensive and offers courses in the following speciality:

- Public Health (MPH);
- Biostatistics;
- Clinical Epidemiology/Clinical Research Methods;
- Health Services Management;
- International Health; and
- Occupational and Environmental Health.

DEPM's postgraduate courses attract students from a wide range of medical and allied health backgrounds, including medical, nursing, physiotherapy, pharmacy and health management.

During 2010, 458 students were enrolled in DEPM's postgraduate courses, with 268 studying the Master of Public Health.

Master of Public Health (MPH)

Course Coordinator: Professor Flavia Cicuttini

The MPH provides students with the full range of quantitative, analytical and communication skills necessary to work in public health. We are a partner in the Victorian Consortium for Public Health, which is a collaboration between Deakin, La Trobe, Melbourne and Monash Universities. In 2010, Monash University continued its responsibility for this course and Ms Joy Markwell was employed as the consortium's administrative coordinator.

Through the Victorian Consortium for Public Health, we offer specialisation streams for students enrolled in this course through Monash. These streams are clinical epidemiology, environmental health, health economics, health services management, international health, and occupational health and environmental health.

The MPH is studied in two parts. In part one, students from the four member universities study together. In 2010, the core units were:

- Epidemiology and demography;
- Introductory statistics; and
- Research methods/field methods for international health planning and evaluation.

In part two of the MPH, students study with their university of enrolment. In this part the students select and focus on specialised streams.

Enrolments in the Masters Program

Course Title		Number of students enrolled
Public Health	Master of Public Health	268
Biostatistics	Graduate Certificate in Biostatistics	18
	Graduate Diploma in Biostatistics	
	Master of Biostatistics	
Clinical Epidemiology/ Clinical Research Methods	Graduate Certificate in Clinical Research Methods	25
	Graduate Diploma in Clinical Research Methods	
	Master of Clinical Research	
Health Services Management	Graduate Certificate in Health Services Management	88
	Graduate Diploma in Health Services Management	
	Master of Health Services Management	
International Health	Graduate Diploma in International Health	26
	Master of International Health	
International Research Bioethics	Master of International Research Bioethics	2
Occupational and Environmental Health	Graduate Certificate in Occupational and Environmental Health	31
	Graduate Diploma in Occupational and Environmental Health	
	Master of Occupational and Environmental Health	
Total		458

Biostatistics

Course coordinator: Professor Andrew Forbes

The Graduate Certificate and Graduate Diploma in Biostatistics and the Master of Biostatistics are offered on a part-time, off-campus basis in conjunction with the partner universities in the Biostatistics Collaboration of Australia.

The courses provide a broad range of biostatistical theory and practice relevant for the medical/health sphere and are suitable for both health professionals and mathematics/statistics graduates. Health professionals initially study the necessary mathematical statistical background, whereas the mathematics/statistics graduates study additional practical-based units.

The Master of Biostatistics is differentiated by its emphasis on advanced coursework and completion of a supervised practical project. This prepares the student for commencement of a professional career as a biostatistician.

Clinical Epidemiology/ Clinical Research Methods

Course coordinator: Associate Professor Allen Cheng

The Graduate Certificate in Clinical Research Methods is an off-campus course with some on-site block requirements. This certificate guides students through the many stages required for undertaking research and includes introductory subjects in biostatistics, epidemiology and study design.

The Graduate Diploma in Clinical Research Methods assists clinicians or public health professionals to become familiar with clinical research methodology. It assists health professionals to make rational evidence-based decisions in clinical practice and to undertake clinical audits and small clinical research projects. It can lead to the Master of Clinical Epidemiology or Master of Public Health.

The Master of Clinical Epidemiology is offered as an off-campus or on-campus course, and may be undertaken either part-time or full-time. This may include elective subjects in infectious diseases, injury prevention and epidemiology, health promotion and advanced statistical methods. It provides a solid basis in clinical research for health professionals who participate in investigator-initiated or industry-supported studies, including doctors, research nurses and allied health professionals.

Health Services Management

Course coordinator: Professor Just Stoelwinder

The Graduate Certificate and Graduate Diploma in Health Services Management and the Master of Health Services Management are off-campus, part-time or full-time courses. The Masters degree caters for medical or general hospital administrators, clinicians, quality assurance managers, team leaders, senior nursing administrators, unit managers and case managers within the health care system.

Occupational and Environmental Health

Course coordinator: Professor Malcolm Sim

The Graduate Certificate and Graduate Diploma in Occupational Health, and the Master of Occupational and Environmental Health are off-campus, part- or full-time courses offered by the Monash Centre for Occupational and Environmental Health (MonCOEH) at DEPM.

International Health

Course coordinator: Associate Professor Bebe Loff

The Graduate Diploma in International Health and Master of International Health are offered in collaboration with the Centre for International Health at the Burnet Institute. It provides students with the skills to design, implement and evaluate relevant programs that address the major public health priorities of communities in developing countries.

International Research Bioethics

Course coordinator: Associate Professor Bebe Loff

The Graduate Certificate in International Research Bioethics deals in ethical issues that arise in health care settings, in vulnerable populations and in international settings. The Masters program is an interdisciplinary program covering comparative moral theory, research bioethics in an international setting, quantitative and qualitative research methodology, critical appraisal techniques and relevant law.

The Graduate Certificate and Master of International Research Bioethics deal with ethical issues that arise in healthcare settings, in vulnerable populations and in international settings. Particular emphasis is given to ethical issues associated with research in developing countries in the Asia-Pacific region.

Particular emphasis is given to ethical issues associated with research in developing countries in the Asia-Pacific region. Students gain a strong theoretical framework, significant experience in dealing with ethics committees and considerable involvement with local organisations involved in the development of bioethical policy and its implementation.

Master of Forensic Medicine

Course Coordinator: Associate Professor David Wells

The Department of Forensic Medicine continues to run the Master of Forensic Medicine for the School of Public Health. The Master of Forensic Medicine has continued to attract students from all Australian states and territories, the Asia-Pacific region, North America, Africa and Europe. This distance education degree offers students opportunities to exit with a Graduate Certificate, a Graduate Diploma or a Masters level qualification. Units are offered in the areas of:

- Medical evidence;
- Injury interpretation;
- Ethics, medicine and the law;
- Non-accidental injury in childhood;
- Adult sexual assault;
- Traffic medicine;
- Elements of forensic toxicology;
- Custodial medicine; and
- Paediatric forensic medicine.

For the first time in 2010, the majority of units were offered on a semester basis. Over the last 2 years, the Department has been progressively changing the units from eight credit points taught over the academic year to six credit points taught over one semester. This was largely undertaken to comply with university policy and has been generally well received by staff and students. It has meant that students may be required to travel to Melbourne twice a year for the face-to-face programs. This issue is an impossible hurdle for some international students and it is an area that will be reviewed.

Workshops for each unit, with the exception of Adult Sexual Assault, were held in Melbourne in May and October. The Adult Sexual Assault workshop was held in Canberra.

The establishment of a scholarship program for African forensic postgraduates also occurred in 2010. In preparation for teaching these pathologists, an internal review of pathology units previously offered by the Department was undertaken. This resulted in the disestablishment of four units and the update of two units as part of an expansion of international teaching projects.

The Paediatric Forensic Medicine unit was offered for the last time in 2010 and will be replaced by two new units in 2011. This is part of an expansion of the range of paediatric units that will provide national training in the field of child abuse.

Preparation was undertaken for the possible introduction of an odontology stream within the Master of Forensic Medicine.

As part of the quality processes of the University, an external review of the Master of Forensic Medicine was undertaken. The final report is due at the end of January 2011.

In 2010, 70 students were enrolled in the Master of Forensic Medicine, with 14 new enrolments for the Masters and the Graduate Diploma program. Seven students completed. The course was undertaken by six international students.

Graduate Certificate of Nursing (Forensic)

Course Coordinator: Dr Angela Williams

The Graduate Certificate of Nursing (Forensic) is unique. This course continued its popularity even though it is not available to international students and does not lead to employment in the field of forensic nursing. Eighteen students were enrolled in 2010, 16 completed and two had intermissions. In 2010, the majority of nurses were sponsored by their employers or state governments. The course provides four units of study that are of equivalent standard to those completed by doctors in the forensic medicine course. This ensures that the standard of practice and care by forensic doctors and nurses is consistent.

The course comprises four units:

- Sexual assault nursing 1;
- Sexual assault nursing 2;
- Understanding injuries; and
- Nursing and the criminal justice system.

Doctoral program

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

Doctor of Philosophy

In 2010, we had 26 new PhD students enrolled with us and 85 continued in the program. Eleven submitted and passed. The students are from many backgrounds, including microbiology, pharmacy, physiotherapy, public health, medicine, radiography, science, psychology and nursing. The progress of students is facilitated by a very strong research environment, with an extensive program of NHMRC funded research and access to extensive infrastructure. Support includes assistance in biostatistics, data management, computing and support from experienced staff and a large student body. We also have a Good Research Governance Coordinator who works with each doctoral student on the development of protocols and the following of strict research guidelines.

The PhD program coordinator in 2010 was Dr Elizabeth Douglas (elizabeth.douglas@monash.edu) who also offers student support. Caryn Ooi was the doctoral program administrator.



Dr Elizabeth Douglas



Caryn Ooi

Doctor of Public Health and the Victorian Public Health Training Scheme

The Doctor of Public Health (DPH) is a professional doctorate offered through the Department of Epidemiology and Preventative Medicine (DEPM) in SPHPM. The DPH has research, coursework and professional practice components comprising 70 per cent, 20 per cent and 10 per cent of the program respectively. Currently there are eight students enrolled in the DPH program.

The Victorian Public Health Training Scheme (VPHTS) is administered and funded by the Victorian Government and offered in partnership with the School. It aims to build the capacity and skills of the public health workforce through advanced academic training and supervised work. The Department of Health offers a scholarship to Fellows of the Scheme who enrol as candidates in the DPH program. The DPH has been tailored to meet the needs of the Scheme and Fellows on the VPHTS undertake several research projects while in field placements in a series of leading public health centres. The work done in these placements is presented as a portfolio thesis and successful completion results in the award of the DPH degree from Monash University.



Currently, nine students are studying for the DPH as part of the VPHTS. There was no intake in 2010, five students have completed their second year and four have completed their third year of candidature. These students have studied in a variety of public health centres including the Department of Health, the Coroner's Court, the Victorian Institute of Forensic Medicine, VicHealth, the Burnet Institute, the Nossal Institute for Global Health and the World Health Organisation (WHO), among others.

Scholarships

In the 2010 round of PhD Scholarships, 22 students were awarded competitive scholarships from a number of organisations.

NHMRC Dora Lush Standard Scholarship:

Rachael Sacks-Davis.

NHMRC: Alexander Hodge, Rebecca Winter, Lisa Doyle.

Royal Australasian College of Surgeons Foundation for Surgery Research Scholarship: Lisa Doyle.

MIPRS/MGS: Shan Liu, Surendra Karki, Enayet Chowdhury.

MGS: Jocasta Ball, Marsha Ivey, Conor Deasy.

APA: Evelyn Wong, Danielle Horyniak, Catherine Chamberline, Geraldine Lee, Ella Zomer, Mohammadreza Mohebbi, Masoumeh Sanagou.

FPRS: Thathya Ariyaratna.

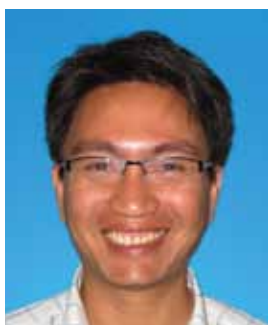
Iranian Ministry of Health: Ensieh Fooladi.

ANZICS Centre: Eldho Paul.

MDS: Pauline Zardo.



Cheryce Harrison



Asnawi Abdullah



Liz Headley



Kate Gibson



Judy Gold



Paul Jennings



Elizabeth Barr



Helen Walls

Awards, Prizes and Scholarships

Judy Gold won the 3-Minute Thesis (3MT) competition of the Faculty of Medicine Nursing and Health Science. She also came in first place in the SPHPM's 3-minute Thesis competition.

Helen Walls won the 2nd Prize in the school's 3-minute Thesis Competition. She was also awarded the Faculty Strategic Grant Scheme for Early Career Development.

Helen Walls was awarded a prize for the best student presentation at Australasian Epidemiology Association conference (30 Aug – 1 Sept) held in Dunedin, New Zealand. She won two awards, a student travel bursary and a prize for best student oral presentation.

Paul Jennings was awarded the 2010 RACV Sir Edmund Herring Memorial Scholarship.

Kate Gibson and Elizabeth Headley, both fellows of the Victorian Public Health Training Scheme, were selected for internships with WHO as part of their training.

Simon French was nominated outstanding SPHPM doctoral graduate.

Elizabeth Barr was awarded the Mollie Holman Medal for Excellence for 'The contribution of impaired glucose metabolism to cardiovascular disease and mortality in Australians.' The research examined the extent to which high blood sugar increases the risk of heart disease and premature deaths in Australians.

Tess Tsindos was appointed Honorary Secretary for the Australian Association of Gerontology Victorian Branch Executive Committee at the August AGM.

Cheryce Harrison was highly commended for her poster during the Southern Health Research Week 2010 Poster Competition, Neonatal and Women's Health Category.

Margaret Stuckey won the 2010 Safety Institute of Australia (Victorian) PhD Thesis, OHS Education Award.

Asnawi Abdullah won the Young Investigator Award from AsiaLink on Clinical Epidemiology and Evidence-Based Medicine at the Conference of Clinical Epidemiology and Evidence-Based Medicine in Global Perspective.

Continuing students enrolled during 2010

Asnawi Abdullah

The duration of obesity and its impact on estimating risk, burden of chronic diseases, costing and health policy.

Marian Abouzeid (DPH)

Prevalence of post-traumatic stress disorder and co-morbid hypertension amongst Australian veterans of the Gulf War.

Helen Ackland

Assessment of the correlation of clinical and radiographic findings in acute cervical discoligamentous injury with long-term outcomes in road trauma patients.

Zanfina Ademi

Efficacy and benefits of treatment in the Second National Australian Blood Pressure Study (ANBP2).

Katherine Lucy Andres

Individual and household risk factors for dengue and acute viral respiratory infections in Vietnamese infants.

Nadine Andrew

Epidemiology and outcomes of serious sport and leisure injuries.

Darshini Ayton

Local churches as settings for health promotion in Victoria.

Olivia Ball

A handbook of human rights analysis.

Richard Bassed

Use of computed tomography to determine improved age determination.

Dimitri Batras

What are determinants of organisational change to increase health equity through sports and recreation settings?

Alison Beauchamp

Socioeconomic status as a determinant of cardiovascular disease in the Melbourne Collaborative Cohort study.

Charmian Bennett

Impacts of bushfire-generated particulate matter on chronic respiratory disease.

Patricia Berry

The role of lifestyle factors on hip cartilage volume and rate of cartilage loss in a normal community-based population: a longitudinal study.

Megan Bohensky

Linking clinical and administrative data to evaluate intensive care outcomes.

Luke Bonato

Outcomes after tibial plafond fractures: does the treatment approach matter?

Roslin Botlero

Prevalence, incidence and associated risk factors of urinary incontinence, its socio-economic consequences and impact on quality of life in women in Australia.

Sharon Brennan

How does bone metabolism affect knee cartilage in healthy women?

Sue Brennan

Developing a research framework to improve our ability to understand and measure the effect of Continuous Quality Improvement (CQI) in primary care.

Frank Buchanan

The influence of gender on recovery from general anaesthesia.

Genia Burchell

The haemostatic system in polycystic ovarian syndrome.

Kipsaina Caroline (DPH)

Collaborative development of the WHO guideline for mortuary-based injury surveillance.

Jessica Chellappah

Surveillance and modification of cardiovascular risk factors in children and young adults.

Lei Chen

Development and validation of appropriate methods for the prediction of risk of future cardiovascular events in the contemporary Australian population.

Georgiana Chin

Transitions of care – Obstetric Clinical Handover. The study, observation and improvements in Obstetric Clinical Handover to improve the efficacy and patient safety in this practice.

Barbary Clarke

What is best practice healthcare for lesbian and heterosexual women with life-threatening illness?

Ben Clissold

Analysis of ambulance factors in identification of stroke and accessibility to hospitals with acute stroke therapies.

Deborah Colville

The training curriculum for ophthalmic practices.

Bradley Crammond

Factors relevant to the success of a rights-based health programme.

Janet Davey

Imaging of Graeco-Roman child mummies.

Conor Deasy

Cardiac arrest – addressing the gaps in our scientific knowledge.

Basia Diug

How do social risk factors affect Warfarin therapy? What are the social responsibilities and strategies in place to deal with these risk factors?

Glenn Doolan

Occupational exposure using self reports and a job exposure matrix in relation to prostate cancer from an Australian case-control study.

Lisa Doyle

The impact of weight loss on the metabolic syndrome.

Greg Duncan

A clinical and economics evaluation of the use of pentoxifylline as adjunct therapy in chronic wound healing and prevention of wound recurrence: a randomised placebo-controlled trial.

Kristine Egberts

The role of lifestyle factors in surgically induced weight loss.

Soula Fillipas

Exercise and HIV/AIDS.

Katherine Gibson (DPH)

Developing WHO guidance on viral hepatitis B and C for people who use drugs.

Judith Gold

The medium and the message: an investigation of how youth access, interpret and implement sexual health information.

Cameron Gosling

Incidence, risk factors and outcomes of injuries in tri-athletes.

Nathan Grills (DPH)

Epidemiological Prevalence Survey of Dermatological Conditions in mountainous North India.

Sabrina Gupta

Ethnicity, cardiovascular disease and diabetes: a comparison between South Asians and Anglo Australians in Melbourne.

Anthony Gust

Surveillance of in-hospital central line associated bacterial infection: using data linkage to assess the utility of routinely collected hospital data.

Elizabeth Headley (DPH)

Health system performance assessment activities and the PATH project.

Susan Heywood

Evidence and policy approaches to address health and social inequities.

Alisa Higgins

The cost-effectiveness of early resuscitation of sepsis in Australia – an economic evaluation alongside the ARISE-RCT.

Danny Hills

What makes GPs and specialists entering rural practice stay? Impact of personal characteristics, community connectedness and sense of place.

Victor Hoe

The CUPID study: risk factors for musculoskeletal and somatic symptoms and associated disability in workers.

Samantha Hutchison

The role of exercise in treatment of women with PCOS: Mechanisms of action.

Thomas Jeavons

Fungal exposure and asthma.

Sara Ivory

Epidemiological risk prediction tools: methods and applications.

Paul Jennings

Analgesia in the Victorian prehospital setting.

Nerida Joss

Drivers of collaborative practice in health promotion.

William Kemp

The impact of norfloxacin on portal pressure and endotoxaemia in clinically significant portal hypertension, and the role of urotensin II.

Chebi Kipsaina

Public Health in low-income settings: does context matter?

Louisa Lam

The diagnosis and treatment of patients with acute decompensated heart failure.

Geraldine Lee

The utility of the ECG in detecting and managing cardiovascular disease in South Africa: the heart of Soweto study.

Suree Lekawanvijit

Cardiorenal syndrome: pathophysiology and role of protein-bound uremic toxins and biomarkers.

Judy Lowthian

Increasing demand for emergency patient services in the Australian community: underlying drivers, implications and potential solutions.

Biswadev Mitra

Transfusion practice in trauma resuscitation.

Mohammadreza Mohebbi

Multilevel (hierarchical) regression models and their application to spatial statistics and reliability studies.

Elizabeth Moore

Renal function and renal biomarkers in traumatic brain injury treated by erythropoietin and controlled hypothermia.

Karen Moore (DPH)

Strathfieldsaye and districts health and wellbeing needs assessment.

Michele McGrady

Epidemiological assessment of aboriginal and non-aboriginal Australians at high risk of developing heart failure.

Joanne McKenzie

An internet-based clinical trials service: feasibility in technical terms.

Zoe Kathleen McQuilten

Improving patient outcomes through understanding and changing transfusion practice.

Shyamala Nataraj

Bioethics and HIV interventions.

Peter New

A study of patient flow through inpatient rehabilitation and potential for improvements.

Adrienne O'Neil

Using communications technology to improve the health and wellbeing of patients following myocardial infarctions (MI).

Gerard O'Reilly

International trauma epidemiology: paths and challenges to the establishment of trauma registries in developing (and developed) countries.

Alisa Pedrana

On the scene: the epidemiology of HIV among men who have sex with men (MSM) in Victoria.

Jennifer Pilgrim

Serotonin active drugs and serotonin toxicity.

Rosanne Freak-Poli

Global corporate challenge evaluation: the evaluation of a low-cost, low-impact physical activity workplace intervention.

Bridget Pratt

Developing a just policy framework for the conduct on international health research.

Lal Rawal

Why do women in rural Nepal choose to deliver at home and not in a health facility?

Jennifer Catherine Roberts

Gambling as public health issue.

Angela Rintoul (DPH)

Coronial deaths involving oxycodone, Victoria, 2000–2009.

Masoumeh Sanagou

Preoperative hierarchical risk prediction modelling for 30-day mortality following cardiac surgery in Australia.

Padaphet Sayakhot

Menopause and breast cancer.

Durga Shrestha

Aspects of work/life satisfaction of doctors in Australia.

Geoffrey Strange

Seeing the invisible: the impediments of timely diagnosis of pulmonary hypertension.

Stephanie Tanamas

The effect of angles on knee structure.

Andrew Teichtal

The determinants of articular cartilage health.

Ogilvie Thom

Preventative aspects of non-invasive haemodynamic monitoring in severely ill patients in the emergency department.

Claire Tobin (DPH)

Victorian community attitudes survey on healthy sporting environment.

Lavinia Tran

Therapeutic targeting of signalling pathways in cardiovascular disease.

Tess Tsindos

The Manningham study: loneliness and self-rated health status of Chinese and Anglo-Australian seniors.

Marlien Varnfield

Clinical outcomes of an ECT-based home care model in primary and secondary prevention with lifestyle modifications for chronic diseases and mental health.

Nicholas Walsh

Acute hepatitis B treatment strategies.

Jason Wasiak

The physical and psychosocial outcomes following burn injury: a 12-month follow up study.

Carolina Weller

Chronic wounds: outcomes for people attending specialist wound clinics.

Ruwan Wijemunige

Improving the prevention and early detection and secondary brain injury in traumatic brain injury patients within the ICU setting.

Michael Wu

Assessment of the mechanisms involved and the severity of arterial disease in insulin resistant states including diabetes.

Bryan Ping-Yen Yan

Drug-eluting stent utilisation and impact in contemporary Australian interventional cardiology practice: insight from the Melbourne Interventional Group Registry.

Hendrik Zimmet

Novel experimental strategies combining mesenchymal stem cells (MSC) with angioblasts and cost-efficacy of such strategies in the treatment of congestive heart failure.

Ella Zomer

Epidemiological modelling of cardiovascular disease and prevention strategies in patients with metabolic syndrome.

New students enrolled during 2010**Thathya Venu Ariyaratne**

Comparison of long-term outcomes and cost effectiveness of Coronary Artery Bypass Graft Surgery (CABG) and Percutaneous Coronary Interventions (PCI).

Jocasta Ball

Optimising the management of patients with atrial fibrillation.

Rinaldo Bellomo

The effect of intensity of continuous renal replacement therapy in critically ill patients.

Sarah Birls

Impact of treatment of obesity on cancer incidence and survival.

Molly Bond

Why diet and exercise alone won't solve the obesity epidemic.

Samantha Cassar

The role of mitochondria and exercise in women's health.

Catherine Chamberlain

Assessing the efficacy of screening for gestational diabetes amongst aboriginal women.

Enayet Karim Chowdhury

Epidemiological modelling of chronic disease – particularly cardiovascular disease and its economic implications.

Jennifer Margaret Davis

Evaluation of clinical indicators for safety and quality in colorectal cancer surgery.

Rachel Sacks-Davis

Genetics don't lie: predicting sources of HCV infections from social connections amongst injecting drug users (IDU).

Ensieh Fooladi

The effect of transdermal testosterone on sexual function among SSRI(s) drugs users.

Alexander Hodge

Efficacy and mechanism of action of the antifibrotic agent FT52 in cell cultures and animal models.

Marsha Ivey

Gender – a case for change in the management of Chronic Obstructive Pulmonary Disease (COPD) in Australia.

Anju Joham

Obesity, insulin resistance and Polycystic Ovarian Syndrome.

Daryl Jones

The Medical Emergency Team: patient characteristics and resource utilization.

Surendra Karki

Providing tools and evidence to support hospital-based infection prevention interventions.

Devaang Kevat

The effect of time of day and consecutive night shift on human error in the ICU environment.

Natasha Farid Rajabali Khamisa

A study exploring the relationship between work-related stress and public health service delivery: managing stress in South Africa Health Service Organisations while improving public health service delivery.

Lara Kimmel

Predicting the discharge disposition of orthopaedic trauma patients and analysing the outcomes.

Shan Liu

Contribution of uremic toxins to cardiorenal syndrome in patients with co-morbid heart failure and kidney disease.

Neil Orford

The effect of critical illness on bone metabolism and bone mineral density.

Eldho Paul

Development and validation of a mortality risk prediction model for modern intensive care practice in Australia and New Zealand.

Eva Saar

Toxicology of antipsychotic drugs.

Rebecca Winters

Examining drug-related morbidity and mortality among prisoners and ex-prisoners.

Evelyn Wong

Modelling risk of comorbidities of cardiovascular disease, diabetes and chronic kidney disease using Markov chain.

Pauline Zardo

Application of research evidence in Australian health policy: how to build support and capacity for evidence-based decision making.

Completed and passed students during 2010**Elizabeth Barr**

The contribution of impaired glucose metabolism to cardiovascular disease and to mortality in Australians.

Paul Burton

The physiology and pathophysiology of laparoscopic adjustable gastric bands.

Miranda Davies

Factors affecting the knee joint in health and disease: towards an improved understanding of knee osteoarthritis.

Maros Elsik

Myocardial fibrosis and extracellular matrix remodelling in chronic heart failure – novel treatment and monitoring strategies.

Steven Haas

The epidemiology of chronic heart failure.

Cheryce Harrison

Lifestyle interventions in insulin resistant reproductive-aged women.

Ewan MacFarlane

Long-term health outcomes in Australian pesticide exposed workers.

Imo Inyang

Assessment of exposure to radiofrequency energy in an epidemiological cohort.

Shelly Rodrigo

Health effects of increased usage of recycled water and alternative water sources.

Margaret Stebbing

Exploring risk: current issues in health risk perception in Australia.

Margaret Stuckey

Evaluation of occupational health for light vehicle use.



Short Courses



The 2010 Australian Certificate of Civil Aviation Short Course participants visit the Ansett Flight Simulator Centre, Tullamarine.

Centre for Obesity Research and Education (CORE)

In 2010, CORE conducted the basic course in LAP-BAND® placement at the Avenue Hospital (Melbourne) under the direction of Professor Paul O'Brien and Associate Professor Wendy Brown. It was attended by 10 participants and five industry representatives.

Australasian Cochrane Centre

The Australasian Cochrane Centre ran the following eight short courses with 112 participants:

- Cumpston, M. 'Cochrane review completion and update program', 12–16 April 2010, Melbourne.
- Cumpston, M. 'Developing a protocol for a systematic review workshop' and 'Introduction to analysis workshop', 7–8 June 2010, Melbourne.
- Cumpston, M. 'Developing a protocol for a systematic review workshop' and 'Introduction to analysis workshop', 21–22 June 2010, Gold Coast.
- Cumpston, M. 'Developing a protocol for a systematic review workshop' and 'Introduction to analysis workshop', 8–9 July 2010, Sydney.
- Cumpston, M., Beringer, K. 'Developing a protocol for a systematic review workshop' and 'Introduction to analysis workshop', 3–4 August 2010, Adelaide.
- Cumpston, M., McDonald, S. 'Introduction to systematic reviews of interventions', 30–31 August 2010, SPHPM Melbourne.
- Cumpston, M. 'Cochrane review completion and update program', 15–19 November 2010, Melbourne.
- Cumpston, M., Beringer K. 'Developing a protocol for a systematic review workshop' and 'Introduction to analysis workshop', 2–3 December 2010, Sydney.

Department of Health Social Sciences (DHSS)

DHSS ran the following short courses with 180 participants:

- Professor Helen Keleher and Dr Nikos Thomacos. 'Health Literacy' (three days).
- Dr Jessica McCormick and Dr Mary Mahoney. 'Health Impact Assessment' (four days).
- Dr Emma Bruce and Sarah Carmody (Hawkey). 'Health Promotion' (five days).
- Associate Professor Ben Smith. 'Evaluation in Health Promotion' (two courses of two days).

Department of Epidemiology and Preventive Medicine (DEPM)

Throughout 2010, Ms Suzy Giuliano (Coordinator) ran a very successful program consisting of a variety of short courses for DEPM. The DEPM short course policy is to share profits with participating units exclusively for the purpose of supporting PhD students and early career researchers who wish to attend conferences.

DEPM ran the following 13 short courses with a total of 206 enrolments.

- Billah, B. 'Biostatistics for Clinical and Public Health Researchers'.
- Wolfe, R. 'Introduction to Stata'.
- Brooks, M. 'Ethics and Good Research Practice'.
- Zion, D. 'Research with Vulnerable Populations'.
- Newman, D. 'Australian Certificate of Civil Aviation Medicine'.
- Hall, R. 'Infectious Diseases Epidemiology'.
- Priestly, B. 'Environmental Risk Assessment'.
- Forbes, A. 'Causal approaches to the design and analysis of epidemiological studies'.
- Cumpston, M. 'Introduction into Systematic Reviews'.
- Wolfe, R. 'Logistic Regression using Stata'.
- Symons, J. 'Perioperative Medicine'.
- Forbes, A. 'Survival Analysis with Stata'.

Seminars



The School held a number of seminar series that featured local, national and internationally-based researchers.

The SPHPM Seminar Series

16 February: 'MSF: Sexual violence against women'. Ms Bronwyn Hale, Médecins Sans Frontières, Australia.

5 May: 'ASPREE Biobank'. Dr Emily Parker (Research Fellow) and Dr Robyn Wood (Senior Research Fellow), DEPM.

19 May: 'Starting up a clinical quality registry: pitfalls and key lessons from the prostate cancer registry'. Dr Sue Evans, Research Fellow, DEPM.

26 May: 'Understanding primary care performance: mixed methods and new perspectives'. Professor Russell Gruen, Central Clinical School.

16 June: 'The biggest health reform since Medibank'. Professor Just Stoelwinder, Divisional Head of Health Services and Global Research, DEPM.

23 June: 'Public health to global health'. Dr Richard Smith, Executive Director Ovation Chronic Disease Initiative.

14 July: 'Evaluating a management algorithm for patients with critical illness in developing countries'. Associate Professor Allen Cheng, Senior Research Fellow, DEPM.

21 July: 'The Rouse Hill Project: Health effects of recycled water exposure'. Dr Martha Sinclair, Senior Research Fellow, DEPM.

28 July: 'Psychiatric patients and a case-control study'. Dr Kathylyn Ronaldson, Senior Research Fellow, DEPM.

4 August: 'Psychiatric ethics and a politics of compassion. The case of detained asylum seekers in Australia'. Dr Deb Zion, Senior Research Fellow, DEPM.

18 August: 'E-health'. Dr Mukesh Haikerwal, National Clinical Lead of National E-Health Transition Authority.

8 September: 'Visualising variables – validly'. Associate Professor Damien Jolley, DEPM.

15 September: 'OccIDEAS: Exposure assessment for case control studies made easier'. Dr Deborah Glass, Senior Research Fellow, DEPM.

6 October: 'Population health implications of obesity trends in Australia'. Dr Anna Peeters, Senior Research, Fellow, DEPM.

13 October: 'Prevention of weight gain at critical time periods across the lifespan of women'. Dr Cate Lombard, The Jean Hailes Foundation for Women's Health, Monash University.

10 November: 'IT info session'. Mr Colin Fee, Monash University.

17 November: 'Omega-3 fats and cardiovascular health: an evolving perspective from rats to relative risks'. Dr Alice Owen, Senior Research Officer, DEPM.

24 November: 'Working with hidden populations: recruitment and implications for follow up and analysis'. Associate Professor Paul Dietze, Monash Institute of Health Services Research.

8 December: 'View of global health'. Professor Ajay Mahal, DEPM.

Epidemiological Modelling SIG Seminar Series

18 February: 'A 10-year analysis of falls injuries in Victorian hospitals'. Associate Professor Caroline Brand, DEPM.

'Sequential monitoring of hospital adverse events'. Dr Anna Barker, Senior Research Fellow, DEPM.

23 March: 'Using the real world data to inform policy decision makers on the cost effectiveness of treatment'. Ms Zanfina Ademi, DEPM.

'The risk factors of postoperative complications in patient undergoing isolated coronary artery bypass graft surgery'. Ms Masoumeh Sanagou, DEPM.

15 April: 'Otitis media in children in remote communities'. Associate Professor Allen Cheng, DEPM.

'Modelling with your consumer in mind'. Dr David Goddard, Senior Lecturer, DEPM.

27 May: 'Mortality disparities between geographic regions: results from a risk percentiles model for coronary heart disease'. Dr Chris Stevenson, Senior Research Fellow, DEPM.

'Age at quitting as a predictor of CVD risk in the Framingham Offspring cohort'. Dr Haider Mannan, Senior Research Fellow, DEPM.

1 July: 'Evaluation of the Medibank/better/health on call program for chronic disease management'. Associate Professor Damien Jolley, DEPM.

29 July: 'Interactions and the sufficient cause model'. Dr Elizabeth Williamson, Research Fellow, DEPM.

'Demystifying the use of risk classification tables in epidemiological model comparisons'. Dr Haider Mannan, Senior Research Fellow, DEPM.

19 August: 'Accelerating demand for emergency ambulance services by the very elderly – a population-based longitudinal study: 1995–2020'. Associate Professor Damien Jolley and Judy Lowthian, DEPM.

11 November: 'Exposure assessment in a community-based non-Hodgkin's lymphoma study'. Dr Geza Benke, Senior Research Fellow, DEPM.

'Casting neural networks'. Dr Dean Mckenzie, Research Fellow, DEPM.

24 June: 'Reviewing in-hospital mortality'. Mr Neville Board, Dr Raj Behal, Dr Paul Ireland, Professor Rick Iedema, Associate Professor David Ranson, Ms Claudia Retegan, Dr Graeme Duke, Dr Anna Barker, Associate Professor Ian Scott, Professor Joseph Ibrahim, Associate Professor Caroline Brand and Ms Margaret Way.

19 August: 'Heatwaves and health – from impact to harm prevention'. Dr Diana Egerton-Warburton, Ms Judith McInnes, Professor Nigel Tapper, Dr Margaret Loughnan, Professor Mark Hargreaves, Associate Professor Harvey Newnham, Ms Shin Choo, Dr Susan Hunt, Ms Margaret Turner, Mr Abrie De Wet, Mr Justin Dunlop and Dr John Carnie.



School Administration

School Administration

Ms Connie Mogg (School Manager)

It was a challenging, yet rewarding year for the School administration in 2010. While the implementation of the Financial Services Enhancement Project left the School short staffed in the finance department for most of the year, we did manage to make some excellent key appointments of which I am very proud.



Connie Mogg

Ms Renay Wallis was appointed as the School HR Manager. Shortly after this, Ms Lauren Komel and Ms Shwetha D'Souza were also appointed, forming the new School HR team. This team has worked extremely hard towards process improvements.

We also created the new role of School Research Manager. With around 80 per cent of the School's income being generated by research, this was a strategically important role and it was imperative that we recruited someone who not only possessed outstanding administrative skills, but also had an understanding of research and researchers. In May, the School appointed Dr Jay Illesinghe to this role. Jay has established many processes, in particular the introduction of more efficient processes for the collection and recording of research data. This will flow on to maximise the School's income from publications.

Ms Suzy Giuliano stepped up into the role of Communications Coordinator. This position was rewritten to better service the needs of the School in this area. Suzy has worked extremely hard to establish the role and the position now encompasses all areas of the School.

The role of the Front Office Coordinator also changed significantly with the move to the new Alfred Centre in April. The new premises are much larger and the reception area now services the SPHPM and the Central Clinical School. As a result, some procedures surrounding mail sorting and stationary distribution have had to change to be able to incorporate the increase in the volume of work. Ms Sabina Davey has continued to service the School in this very important role.

In the latter half of the year we also moved towards a more centralised teaching administration. Ms Maida O'Keeffe led this move and it will be further developed in 2011.

These changes have had a positive outcome. While it was a struggle to provide efficient financial services through 2010, all other areas of administration exceeded service expectations and provided much needed support to the research and teaching programs within the School.

Research Office

Dr Jay Illesinghe (School Research Manager)

It was an exciting year in 2010 for the SPHPM with the start of 49 new research projects. The SPHPM received a research income of \$28 million during 2010 and we will strive to improve this in the future. The School submitted 93 grant applications to various funding bodies throughout the year. In particular, the NHMRC project grant success rate was greater than 33 per cent, which is above the University and National success rates.



Dr Jay Illesinghe

The implementation of an in-house grant-review process in 2010 assisted in preparing grants of high quality. A number of staff members were involved at different stages and in various capacities during the implementation of this process, which has been extremely useful.

Additionally, streamlining publication entry into Research Master 5 was a significant change to our processes. We were successful in submitting 602 peer-reviewed articles to the 2011 Higher Education in Research Data Collection (HERDC). I would especially like to thank all the publication officers in the various units for their efforts during this change to our processes.

The reintroduction of the research committee under the leadership of Associate Professor Damien Jolley was another significant highlight. The reports from each quarterly meeting of the research committee provide a useful measurement of the research standing of the School.

ICT Office

Mr Colin Fee (ICT Manager)

Mr David Khuu (Desktop Support Officer)

Mr Shane Preston (Desktop Support Officer)

Mr Greg Johnson (Desktop Support Officer)

Mr Martin Treasure (Desktop Support Officer)



Colin Fee



David Khuu



Shane Preston



Greg Johnson



Martin Treasure

Much of 2010 saw the consolidation of work begun two years ago to bring the Alfred-based IT support staff into one cohesive unit that is able to service the entire site from a Monash perspective. Our operational focus shifted to servicing all Monash staff and students regardless of department, school or faculty. The changes resulted in little or no disruption in service delivery and a lift in the level of service consistency across the site. It stood us in more than good stead when the process was formalised across the University with the creation of the Office of the CIO and the subsequent centralisation of ICT services in late September.

In 2010, there was also a move into new premises within the Alfred Centre Stage 2. ICT staff had been involved with the design and fit out and were heavily involved in the move and set up on arrival. On the whole, the process went very smoothly despite the disruption to staffing level caused by the marriages of two of the key ICT staff members. The move allowed an opportunity for the on-site network infrastructure to be upgraded to the latest University standards across the entire site. Staff now enjoy the benefits of 1Gb/s-to-the-desktop network speeds and a Voice-over-IP telephony system.

The latter part of the year was taken up with transitioning our own operations with the Office of the CIO and with assisting the on-site staff with the migration into the new Google Apps collaboration environment. These changes resulted in all staff and students using one email, calendar and shared document environment.

HR Office

Ms Renay Wallis (School HR Manager)

Ms Lauren Komel (Senior School Administrator)

Ms Glenis Rickard (HR Officer)

Ms Shwetha D'Souza (HR Officer)



Renay Wallis



Lauren Komel



Glenis Rickard



Shwetha D'Souza

The Human Resources function within the School experienced periods of change in 2010. There was movement of staff previously based in and supporting departments, to positions at the Alfred within the core administration team. Subsequently, early in 2010, Renay Wallis was appointed as School HR Manager, a position initially supported by a HR officer. By mid-2010, the team recruited two more HR professionals to assist the School in the busy HR operations environment.

Postgraduate Office

Ms Maida O'Keefe (Manager, Postgraduate Office)

Ms Elissa Farrell (Postgraduate Officer)



Maida O'Keefe



Elissa Farrell

The Department of Epidemiology and Preventive Medicine is the largest member of the School and offers the 18 postgraduate course work degrees.

The Master of Public Health program is taught in collaboration with Deakin, LaTrobe and Melbourne universities in Victoria, which form the Victorian Public Health Consortium. The Biostatistics courses are taught in collaboration with the Australian Biostatistics Consortium.

The Postgraduate Office manages the course and student administration, along with student services for all the DEPM postgraduate courses. The student enrolments for these programs increase yearly and in 2010 we taught over 470 postgraduate coursework students.

Ms Vicki McAuliffe at the Department of Forensic Medicine manages the Postgraduate Forensic Medicine courses.

Marketing and Communications Office

Ms Suzy Giuliano

(School Marketing and Communications Coordinator)



Suzy Giuliano

The official SPHPM website was launched in 2010. The school was chosen as the first pilot site for the Faculty of Medicine web interface re-design and worked closely with faculty multimedia staff in order to achieve a cohesive and interesting new look for the Faculty of Medicine web pages.

The SPHPM e-news was redesigned and became a fortnightly publication in June. It now reaches over 600 subscribers.

A range of prospectus documents were created to emphasise the areas of speciality and expertise offered by the School and to broaden public awareness.

Head of School Office

Christine Kirkham

Nicole Shears

(Executive Assistants to HOS)



Christine Kirkham



Nicole Shears

Adjuncts

Adjunct Professors

Professor Lawrence Joseph Beilin
Professor Peter Brooks
Professor Robert Conyers
Professor Nicholas Crofts
Professor Christopher K Fairley
Professor Graham Gerald Giles
Professor Michael Grayson
Professor Steve E Hruddy
Professor George Alexander Jelinek
Professor Allan Joseph McLean
Professor Edmund Mulholland
Professor John Reeder
Professor Bin Nordin Rusli
Professor Simon Stewart
Professor Christopher Thomas Merlin
Professor Michael Wooldridge
Professor John Raymond Zalcborg

Adjunct Clinical Professor

Associate Professor Carlos Scheinkestel

Adjunct Associate Professors

Associate Professor Terri Jean Allen
Associate Professor Stephen Anthony Bernard
Associate Professor Alexander John Roberts Black
Associate Professor Christopher Alexander Briggs
Associate Professor Andrew Ross Davies
Associate Professor Roger Drew
Associate Professor Robyn Heather Guymer
Associate Professor Graeme Keith Hart
Associate Professor Margaret Elena Hellard
Associate Professor Peter Hodsman
Associate Professor Anthony Daniel Lamontagne
Associate Professor Harry Mond
Associate Professor John Myburgh
Associate Professor Julie Pasco
Associate Professor Sandra Lois Peake
Associate Professor Jonathan Shaw
Associate Professor Amanda Gay Thrift
Associate Professor David Lawrence Noel Wells
Associate Professor Sharon Willcox

Adjunct Clinical Associate Professors

Associate Professor Elton Edwards
Associate Professor David Pilcher
Associate Professor David Leo Ranson
Associate Professor Robert Francis Salamonsen

Adjunct Lecturers

Dr Melanie Sian Archer
Dr Tai-Juan Aw
Dr Melissa Anne Baker
Dr Malcolm Geddie Brown
Dr Anne-Marie Terese Cassano
Ms Shin Choo
Dr Noel Cranswick
Dr Malcolm John Dodd
Dr David Wayne Dunstan
Dr Belinda Flanc
Ms Juliet Louise Gale
Dr Dimitri Gerostamoulos
Dr Olivia Gobbo
Dr Robyn Horsley
Dr Michael Keane
Mr Martyn David Kirk
Dr Jodie Leditschke
Dr Julie Ruth Lustig
Dr Jacqueline Maree Martin
Dr Jason Rox McClure
Ms Helen McKelvie
Dr Deirdre Ann Murphy
Ms Clare Murphy
Dr Helena Ng
Dr Colman O'Loughlin
Ms Priscilla Robinson
Dr Mehrnaz Shoushtarian
Ms Robin Elizabeth Smith
Dr Andrew Westbrook
Dr Bethia Alice Wilson
Dr Mary Wyatt

Adjunct Research Associates

Dr Shelley Cox
Dr Evie Katz
Ms Kate Leslie
Mr Bob Milstein
Dr John Marshall O'Donnell

Adjunct Research Fellows

Ms Lyndal Catherine Bugeja
Ms Dianne Lynette Cameron
Ms Kelly Drennan
Ms Carol George
Dr Peter Higgs
Dr Narges Khanjani
Mr Dipak Kotecha
Ms Philippa Fairfax Middleton
Dr Meng Tuck Mok
Dr Samia Radi
Dr Mark Andrew Stooove
Dr Allison van Lint

Adjunct Senior Associate

Dr Michael Ackland
Mr Alexander Holmes Currell
Dr Janice Davies
Dr Suzanne M Garland
Dr Kim Hill
Dr Jan Lucas Hoving
Dr Errol Katz
Mr Bruce Levy
Mr Ian Millar
Professor Mark Raymond Nelson
Dr Harley Stanton

Adjunct Senior Lecturers

Dr Campbell Kynoch Aitken
Dr John Vincent Amerena
Ms Kathryn Margaret Antioch
Dr Emilio Badoer
Dr Soren Blau
Dr Leslie Cannold
Dr Benjamin John Coghlan
Dr Terence George Donald
Dr Julian Elliott
Dr Sanjeev Gaya
Dr Natalie Jayne Gray

Dr Guy Serge Antoine Haller
Dr Marisa Herson
Dr Anthony John Hill
Dr Andrew Kent Hilton
Dr Linda Elizabeth Iles
Dr Stuart Alistair Kinner
Dr Vicki Kotsirilos
Dr Peter Stanley Kruger
Dr Tim Leong
Dr Matthew Lynch
Dr Anna Therese Murphy
Dr Morris Solomon Odell
Dr Christopher James O'Donnell
Dr Vanita Rajul Parekh
Dr Sarah Parsons
Dr Anne-Marie Pellizzer
Dr Anne Therese Reutens
Dr Shelley Diane Robertson
Dr Owen Stewart Roodenburg
Mr Andrew Ross
Dr Paul Talman
Dr Alvin Yeng Hok Teo
Dr Angela Williams
Mr Owen Williamson
Associate Professor Alan Michael Wolff
Dr Noel Woodford
Dr Cheng-Hon Yap

Adjunct Senior Research Fellows

Dr Lynda Berends
Dr Isabel Bergeri
Dr Jochen Beyer
Dr Stephen James Duffy
Mr Ashley Fletcher
Dr Bronwyn Lea Fredericks
Associate Professor Cecily Jane Freemantle
Dr Dimitri Gerostamoulos
Dr Linton Harriss
Dr Dadna Hartman
Dr Daryl Andrew Jones
Dr Lynnette Joy Murray
Dr Robert Oelrichs
Dr Mark Polizzotto
Ms Julie Jane Yallop

Publications

Total for 2010

Books	3
Book Chapters	28
Peer-Reviewed Journal Articles	570
Conference Papers	3

Books

1. Breen, K. J. Cordner, S. M. Thomson, C. J. H. Plueckhahn, V. D. *Good medical practice: Professionalism, ethics and law*. Cambridge University Press: New York, USA, **2010**.
2. Mannan, H. *Markov Modeling of Coronary Artery Revascularization Procedures: Development and Use of a Markov Stimulaton Model in CHD Incidence/Mortality and CARPs*. Lambert Academic Publishing: Germany, **2010**.
3. Tintinalli, E., Cameron, P., Holliman, C. J. *EMS A Practical Global Guidebook*. People's Publishing House: U.S.A, **2010**.

Book Chapters

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2. Buchbinder, R. Can we change a population's perspective on pain? In *Chronic Pain: From Aetiology to Public Health*, Croft, P. Blyth, F. M. van der Windt, D. (Eds.) Oxford University Press: U.K., **2010**.
3. Cheng, A. C., Hajkowicz, K. M. Quinine and Quinidine. In *Kucers' The Use of Antibiotics: A Clinical Review of Antibacterial, Antifungal and Antiviral Drugs*. 6th Edition. Grayson, M. L., Crowe, S., McCarthy, J., Mills, J., Mouton, J., Norrby, R., Paterson, D., Pfaller, M. (Eds.) Edward Arnold: London, U.K., **2010**, Vol. 2, pp 2011–2023.
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8. Drummer, O. H. Forensic toxicology. In *Molecular, Clinical and Environmental Toxicology*. Luch, A. (Ed.) Birkhauser Publishing: Basel, Switzerland, **2010**, Vol. 2, Clinical Toxicology, pp 579–603.
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10. Leder, K., O'Brien, D. Infections in returned travellers and immigrants. In *Infectious Diseases: A Clinical Approach*. Third Edition. Yung, A., Spelman, D., Street, A., McCormack, J., Sorrell, T., Johnson, P. (Eds.) IP Communications: East Hawthorn, **2010**, pp 487–504.
11. Nichol, A., Pettila, V., Cooper, J. What is the optimal approach to weaning and liberation from mechanical ventilation? In *Evidence-based Practice of Critical Care*. Deutschman, C. S., Neligan, P. J. (Eds.) Saunders Elsevier: Philadelphia, PA, U.S.A, **2010**, pp 37–44.
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15. Oldenburg, B., de Courten, M., Frea, E. The contribution to health psychology to the advancement of global health. In *Handbook of Health Psychology and Behavioral Medicine*. Suls, J., Davidson, K. W., Kaplan, R. M. (Eds.) The Guilford Press: New York, **2010**, pp 397–410.
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25. Wannatan, L., Bowen, C., Feng, X., Dong, Z., Min, L., Yiping, L., Oldenburg, B. Health behaviour in the Olympic communities. In *The Health Legacy of the 2008 Beijing Olympic Games*. Dapeng, J., Ljungqvist, A., Troedsson, H. (Eds.) World Health Organisation: Switzerland, **2010**, pp 144–152.
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14. Atkins, R. C., Zimmet, P. Diabetic kidney disease: act now or pay later. *Nephrology (Carlton)* **2010**, 15, 20–2.
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