



Australian
Academy of Health and
Medical Sciences

AAHMS ANNOUNCES ITS SECOND SCIENTIFIC MEETING AND INDUCTION OF NEW FELLOWS

On 19 October 2017, the Australian Academy of Health and Medical Sciences (AAHMS) announced the election of 49 new Fellows for outstanding leadership and contributions to health and medical science in Australia.

New Fellows were welcomed from around Australia, representing many disciplines within the health and medical sciences, including basic and clinical science, public health and health services, physicians, surgeons and allied health practitioners. Their contributions were to a diverse range of clinical and research areas, including chronic and infectious diseases, mental health, neuroscience, medical physiology and cancer research.

The 2017 election will bring the Academy's Fellowship to 321.

Induction of the New Fellows will take place during the Academy's third Annual Scientific Meeting, held at the South Australian Health and Medical Research Institute (SAHMRI) in Adelaide. The meeting theme, **Health Equity: Challenges & Solutions** reflects the need to align the diverse range of disciplines involved in health across Australia to better strategically address the needs of our community. Better integration of research, education and clinical care, and targeting our efforts where the need is greatest, will improve the health of our nation.

This year, AAHMS will be joined by the Academy of Social Sciences in Australia (ASSA). The collaborative meeting will bring Australia's leaders in health and medical research, social and political science together to strategically address the needs of our community. By working together, the two Academies are uniquely placed to drive greater integration between clinical and research settings and policy engagement, to positively impact health outcomes. Dr Richard Horton, Editor-in-Chief of the Lancet, joins the meeting as international guest and keynote speaker.

Professor Frazer, President of the Academy, said:

"Health and medical research undertaken by the new Fellows of the Academy, and enabled by government and philanthropic funding, will help to ensure quality and equitable health care as we enter the age of precision medicine."

The full list of new Fellows, together with their citations on election, are available on our website: <http://www.aaahms.org/fellowship/>

For further information, please contact:

AAHMS Support on: info@aaahms.org or phone 0400 428 224.



PROFESSOR EMILY BANKS

Degrees and Honours:	BMedSci MBBS PhD FAFPHM FAHMS
Primary Position:	Head, Epidemiology for Policy and Practice Group
Institute:	Australian National University
State:	ACT

Professor Emily Banks is an award-winning epidemiologist and public health physician. Her research uses large-scale population data to identify potentially modifiable factors affecting individual and population health in different settings, to inform improvements in health and health care. She is recognised nationally and internationally for her work on cancer, cardiovascular disease, medication safety and Aboriginal health, including research on breast cancer and hormone replacement therapy and the health effects of smoking. She is Head of Epidemiology for Policy and Practice Group at the National Centre for Epidemiology and Population Health and Scientific Director of the 45 and Up Study.

PROFESSOR FRAN BAUM

Degrees and Honours:	AO BA(Hons) PhD FASSA LMPHAA FAHPA AAHMR FAHMS
Primary Position:	Director, Southgate Institute of Health, Society & Equity
Institute:	Flinders University
State:	SA



Baum is an international leader in public health social science. She has made major contributions to the understanding of the social determinants of health, health promotion and to the use of qualitative methods. She has published 179 refereed articles, 10 books, 40 book chapters, 68 reports for government or international agencies, and given 185 keynote or invited addresses. Her work is widely cited with 6056 citations (GS) and an H-index of 38 (GS). She is a Fellow of the Academy of Social Sciences in Australia and a Life Member of the Public Health Association.



PROFESSOR JAMES BEESON

Degrees and Honours:	MBBS BMedSc PhD FAFPHM FAHMS
Primary Position:	Head, Centre for Biomedical Research and Principal for Maternal and Child Health
Institute:	The Macfarlane Burnet Institute for Medical Research and Public Health
State:	VIC

Professor Beeson is an exceptional public health physician and malaria researcher at the Burnet Institute. With extensive research throughout Africa and Asia in the field of malaria, his research discoveries have significantly contributed to global scientific knowledge and have led to priority candidates for vaccines being developed. As a leader of the Institute's flagship Healthy Mothers, Healthy Babies program in Papua New Guinea, Professor Beeson's high quality, innovative research is crucial to ensuring that the most effective interventions reach those in need in a highly cost efficient way. His work has also informed policy decisions, in turn improving maternal health.

PROFESSOR CAROLINE BOWER

Degrees and Honours:	MBBS MSc PhD FAFPHM DLSHTM FPHAA FAHMS
Primary Position:	Senior Principal Research Fellow
Institute:	Telethon Kids Institute, University of Western Australia
State:	WA



Carol is highly regarded nationally and internationally for her leadership in birth defects research, providing population-based evidence for prevention, diagnosis, management and development of policy and practice. Outstanding examples are her research and advocacy on neural tube defects (such as spina bifida) and their prevention with folic acid and Fetal Alcohol Spectrum Disorders and their prevention through reduction in prenatal alcohol use. She is a passionate advocate for the primary prevention of birth defects, for monitoring and evaluation of preventive, screening and treatment interventions and for the involvement of consumers and community in research.



PROFESSOR JEFFREY BRAITHWAITE

Degrees and Honours: BA MIR(Hons) MBA DipLR PhD FAIM
FCHSM FFPHRCP(UK) FAcSS(UK)
HonFRACMA FAHMS

Primary Position: Foundation Director

Institute: Australian Institute of Health
Innovation
Macquarie University

State: NSW

Professor Jeffrey Braithwaite, Foundation Director of the Australian Institute of Health Innovation, and Professor of Health Systems Research, Faculty of Medicine and Health Sciences, Macquarie University researches the way care is delivered to patients and how it can be improved. He has contributed over 700 total publications and presented at international and national conferences on more than 800 occasions, including 80 keynote addresses. His research appears in journals such as British Medical Journal, The Lancet, Social Science & Medicine, and BMJ Quality and Safety. He has received numerous national and international awards for his teaching and research.

PROFESSOR JEREMY CHAPMAN

Degrees and Honours: AC MB BChir MD FRACP FRCP FAHMS

Primary Position: Clinical Director Division of Medicine
and Cancer

Institute: Westmead Hospital

State: NSW



Honored "for eminent service to medicine, particularly in the areas of clinical and biomedical research, to the development of ethical policy and practices for organ donation, acquisition and transplantation, and to renal medicine organisations and publications", Jeremy Chapman AC has played significant roles in development of kidney, pancreas and unrelated Bone Marrow Transplantation in Australia. He has been responsible for global development of ethical transplantation through The Transplantation Society, the World Marrow Donor Association and through advisory roles to the World Health Organisation. He is identified as one of the most influential global leaders in the field of clinical transplantation.



PROFESSOR JOHN CHRISTODOULOU

Degrees and Honours:	AM MBBS PhD FRACP FFSc(RCPA) FRCPA FAHMS
Primary Position:	Head, Neurodevelopmental Genomics Research Group
Institute:	Murdoch Childrens Research Institute
State:	VIC

John Christodoulou is clinical geneticist working in the management of children with inborn errors of metabolism for over 25 years. He has a longstanding interest in Rett syndrome (RTT), with a potential new therapy and the discovery the second gene associated with RTT as notable achievements. More recently, using next generation sequencing (NGS) he identified a number of new disease genes which directly led to specific therapies. As an executive team member of the Australian Genomics Health Alliance, he will oversee the generation of evidence to convince policymakers that NGS should be equitably introduced nationally into mainstream medical practice.

PROFESSOR ARTHUR CHRISTOPOULOS



Degrees and Honours:	BPharm PhD FAHMS
Primary Position:	Professor of Pharmacology and NHMRC Senior Principal Research Fellow, Drug Discovery Biology,
Institute:	Monash Institute of Pharmaceutical Sciences, Monash University
State:	VIC

"Discovery and dissemination of the concept of allosteric sites on receptor proteins as a novel avenue for drug discovery". Prof. Christopoulos has demonstrated how this approach can be used to identify, validate, quantify, and facilitate preclinical translation of small molecules with an allosteric mode of action for all classes of G protein-coupled receptor (GPCR), the largest group of drug targets. His research is highly cited (top 1% in discipline), has made it into the textbooks, been acknowledged via the highest honours from the Australian, USA, UK and world (IUPHAR) Pharmacological Societies, and transformed the way GPCR drug modulators are discovered.



PROFESSOR JUDITH CLEMENTS

Degrees and Honours: AC BAppSci MAppSci PhD FAIMT
FAHMS

Primary Position: Scientific Director, Australian Prostate
Cancer Research Centre

Institute: Queensland University of Technology

State: QLD

Distinguished Professor Judith Clements is a recognised world-leading expert on the kallikrein serine proteases and their roles in prostate and ovarian cancers. She is an NHMRC Principal Research Fellow and Scientific Director and co-founder of the Australian Prostate Cancer Research Centre-Queensland. She has directed the Australian Prostate Cancer BioResource, a key resource nationally, since 2005 and co-leads the Queensland node of the international prostate cancer consortium, PRACTICAL. She is/has been a member of several governance bodies - PCFA (Queensland Chair); International Proteolysis Society, QIMR and QUT Councils - and has served on NHMRC peer review panels since 2000.

PROFESSOR MARK COOK

Degrees and Honours: MBBS MD FRACP FRCP FAHMS

Primary Position: Head, Department of Medicine

Institute: University of Melbourne

State: VIC



Mark Cook has demonstrated a sustained contribution and leadership in medical research over a 25-year period. He is highly regarded internationally for his research excellence in neurology, and in the field of epilepsy in particular. He has made significant contributions to health science through his research, clinical, administrative, and educational roles at both St. Vincent's Hospital and University of Melbourne. Cook actively engages in community awareness and advocacy regarding epilepsy, as Chairman of the Epilepsy Foundation of Victoria, a major community not-for-profit organisation, and participates regularly in public discussion of medical research via the media and public forums



PROFESSOR ANDREW DAVIDSON

Degrees and Honours:	MBBS MD FANHZCA FAHMS
Primary Position:	Medical Director, Melbourne Childrens Trials Centre
Institute:	Murdoch Childrens Research Institute
State:	VIC

Prof Davidson is a world leader in paediatric anaesthesia. He has led some of the most influential research in this field, with a significant impact on clinical care, and has established a global network of researchers. He is Editor-in-Chief of the International Journal Pediatric Anesthesia and will shortly take up a position as an Editor for Anesthesiology – the world’s leading journal in the field, and will be the first Australian on the Editorial Board. His academic leadership extends beyond anaesthesia. He is the Medical Director of the Melbourne Children’s Trials Centre and also chairs the Paediatric Trials Network for Australia.

PROFESSOR MARK DAWSON

Degrees and Honours:	MBBS(Hons) BMedSci FRACP FRCPA PhD FAHMS
Primary Position:	Consultant Haematologist and Group Leader
Institute:	Peter MacCallum Cancer Centre
State:	VIC



As a clinician-scientist I have consistently demonstrated academic excellence and leadership both in basic science discoveries and the translation of these findings into the clinical arena. My research into chromatin regulation of normal and malignant haematopoiesis have provided a range of groundbreaking discoveries including the development in collaboration with GSK of the first clinical therapies that target epigenetic reader proteins. This body of work helped establish a new therapeutic paradigm for the treatment of aggressive malignancies. Importantly, I continue to translate these discoveries by leading the multinational clinical trials that have been initiated as a direct consequence of our research.



PROFESSOR LOUISA DEGENHARDT

Degrees and Honours:	BA(Hons)(Psychol) MPsychol(Clinical Psychology) PhD FASSA FAHMS
Primary Position:	Professor and NHMRC Principal Research Fellow
Institute:	National Drug and Alcohol Research Centre, University of New South Wales
State:	NSW

Louisa Degenhardt's research on illicit drug use and its health effects has shaped policy at a global level via advice to WHO, UNAIDS, and UNODC. Her data linkage work on opioid dependence has been used internationally to evaluate the benefits risks of addiction treatment. She has published >370 peer reviewed papers, ~190 since 2010; 3 books, 39 book chapters, and 110 reports. Her H-index in Web of Science (WOS) is 48. She has worked on the WHO's World Mental Health Surveys and co-chairs the Mental Disorders and Illicit Drug Use Expert Group for the 2010 Global Burden of Disease study.

PROFESSOR JOHN FURNESS

Degrees and Honours:	MSc PhD FAA Centenary Medal FAHMS
Primary Position:	Professor of Anatomy and Neuroscience
Institute:	University of Melbourne
State:	VIC



Professor Furness is a leading authority on digestive physiology, especially the neural control of the digestive tract. He has been strongly involved in evaluation of therapeutic drugs and has run clinical trials of candidate drugs. He is currently the leader of a program to develop vagal nerve stimulation for the treatment of inflammatory bowel disease. This is projected for first in human trials in 2018. He is one of Australia's most highly cited scientists. He is best known for his work in analysing enteric nerve circuits and for developing the concept of neural chemical coding.



PROFESSOR JACOB GEORGE

Degrees and Honours:	MBBS PhD FRACP FAHMS
Primary Position:	Head, Department of Gastroenterology & Hepatology
Institute:	Westmead Hospital
State:	NSW

Jacob George is the Robert W. Storr Professor of Hepatic Medicine, University of Sydney and Director of the Storr Liver Centre, Westmead Institute for Medical Research and Westmead Hospital. His research is focussed on liver disease, with specific themes in liver cancer, viral hepatitis, host genetics and liver disease, liver fibrosis, fatty liver disease and pharmacogenomics. His contribution is noteworthy for its breadth, novelty and extent, including in basic, clinical and translational research with over 325 peer reviewed publications and 22,500 citations.

CONJOINT PROFESSOR PETER GIBSON



Degrees and Honours:	MBBS(Hons) MCCEE FRACP FThorSoc FAHMS
Primary Position:	Senior Staff Specialist in Respiratory and Sleep Medicine
Institute:	John Hunter Hospital
State:	NSW

Professor Peter Gibson is a world leading authority in asthma, a respiratory physician (John Hunter Hospital), an active clinical researcher, a Director of the University of Newcastle's Priority Research Centre for Healthy Lungs, and a leader of the Hunter Medical Research Institute's Viruses, Infections/Immunity, Vaccines and Asthma program. He successfully combines his skills as a scientist, clinician and mentor to lead an internationally renowned translational research centre that has made major advances in the health care of patients with chronic respiratory disease. His work combines innovation with clinical relevance, and has improved the knowledge of clinicians and scientists globally.



PROFESSOR DALE GODFREY

Degrees and Honours: BSc PhD FAHMS
Primary Position: Professor
Institute: Peter Doherty Institute for Infection and Immunity, University of Melbourne
State: VIC

Dale Godfrey is a Professor in the Department of Microbiology and Immunology at The Peter Doherty Institute, University of Melbourne. He is an NHMRC Senior Principal Research Fellow and Immediate Past President of the Australasian Society for Immunology. Over the past 25 years, working in the field of Immunology, Godfrey has defined and studied new types of white blood cells, deciphering their developmental and functional characteristics and therapeutic potential. Godfrey's work has had a major impact, internationally, as clearly demonstrated by his outstanding publication record with many highly cited papers in top-tier journals.

PROFESSOR ROSS HANNAN

Degrees and Honours: BSc(Hons) PhD FAHMS
Primary Position: Centenary Chair in Cancer Research
Head of Department, Cancer Biology
and Therapeutics
Institute: The John Curtin School of Medical
Research, College of Health and
Medicine, Australian National
University
State: ACT



Professor Hannan is an internationally recognised laboratory scientist whose work on ribosome biogenesis has led to new treatment paradigms in cancer centred on drugs that activate nucleolar stress. He brought together multi-disciplinary teams of laboratory and clinician researchers and forged industry collaborations to devise 'first in class' RNA polymerase I inhibitors that are now in clinical trials for a range of haematologic cancers. His far-reaching contributions were recognised in his recent promotion to NHMRC PRF and appointment as inaugural Centenary Chair in Cancer Research and Head of the ACRF Department of Cancer Biology and Therapeutics at the JCSMR, ANU.



PROFESSOR PHILIP HOGG

Degrees and Honours:	BSc PhD FAHMS
Primary Position:	Director, ACRF-Centenary Cancer Research Centre
Institute:	The Centenary Institute
State:	NSW

Phil Hogg discovered a unique mechanism of control of protein function that operates across all biological systems and lifeforms. This involves a subset of disulphide bonds—thought only to act as covalent modifiers of protein structure—functioning as molecular switches to allosterically regulate protein function when cleaved. He developed a novel classification scheme for disulphides and uncovered a conformational signature for the allosteric bonds that underpins their facile nature. He has shown that thrombosis as well as immune responses and viral infections are critically regulated by this previously unrecognised chemical modification.

PROFESSOR DIETMAR HUTMACHER

Degrees and Honours:	BSc PhD MBA FAHMS
Primary Position:	Professor and Chair of Regenerative Medicine
Institute:	Institute of Health and Biomedical Innovation, Queensland University of Technology
State:	QLD



Over the last decade Professor Hutmacher has gained a worldwide reputation in the field of tissue engineering & regenerative medicine (TE&RM), and his track record illustrates successful mastery of a major challenge in biomedical sciences: the ability to transcend traditional disciplinary boundaries, and initiate and nurture research and educational programs across different disciplines. This success has been achieved through a concerted and integrated leadership effort including contributions from colleagues in engineering (tissue engineering, biomaterials science, computational modelling, chemistry, nanotechnology), the life science disciplines (molecular cell and developmental biology, medicine, stem cell research, genomics, proteomics, bioinformatics), and applied clinical research (orthopaedics, craniofacial & plastic surgery, oncology, radiology).



PROFESSOR MICHAEL JENNINGS

Degrees and Honours: BSc PhD FAHMS
Primary Position: Deputy Director
Institute: Institute for Glycomics
Griffith University
State: QLD

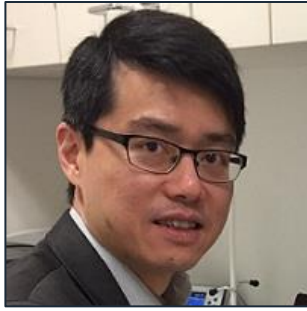
Prof Jennings is internationally recognized for his innovative and high impact research on the glycobiology and virulence factors of bacterial pathogens. He has produced 146 publications and has a h-index of 43. He is inventor on 12 patent families and has a strong record of translating basic research, particularly in the area of bacterial vaccines. He has been Chief Investigator on grants awarded \$36million since 2000. Since 2009 he has been in a leadership role as Deputy Director of the Institute for Glycomics, Griffith University and has a strong track record of research mentoring and post-graduate supervision.

PROFESSOR KIARAN KIRK

Degrees and Honours: BSc DPhil MA PhD FAHMS
Primary Position: Dean, ANU College of Science
Institute: Australian National University
State: ACT



Professor Kiaran Kirk is Dean of the Australian National University's College of Science. His primary research interest is in the biology of the malaria parasite with a particular focus on the mechanism of action of, and mechanisms of resistance to, antimalarial drugs. His work has had significant translational impact, with the biochemical assays that he and his colleagues have developed now being used to assess the mechanism of action of drugs entering the antimalarial drug-development pipeline, to ensure that that there is not overinvestment in compounds sharing the same molecular target



PROFESSOR PATRICK KWAN

Degrees and Honours:	BMedSci(Hons) MB Bchir PhD FHKAM FHKCP FRCP FRACP FAHMS
Primary Position:	Chair of Neurology
Institute:	University of Melbourne
State:	VIC

Professor Kwan is a medical specialist in neurology with particular expertise in epilepsy and molecular precision medicine. His research combines basic and clinical studies, with emphasis on translation of scientific discoveries into clinical practice. He has published >160 peer reviewed papers and book chapters in the world's top medical journals including, first author, the most highly cited original article in clinical epilepsy in record. His work covers the outcomes, genomics, pharmacogenomics, and mechanisms of drug resistance in epilepsy. To enable widespread implementation of precision medicine he is engineering point-of-care molecular diagnostic devices for application in neurological diseases and other conditions.

PROFESSOR SUNIL LAKHANI

Degrees and Honours:	BSc MBBS MRCPPath MD FRCPPath FRCPA FAHMS
Primary Position:	Head, Molecular & Cellular Pathology and Executive Director Research
Institute:	University of Queensland and Pathology Queensland, HSQ
State:	QLD



Professor Sunil Lakhani is an internationally recognised clinical and molecular pathologist. He has made significant and sustained contributions to health and medicine, with ongoing research into preinvasive breast cancer and its impact on breast-screening practices; the pathology of BRCA1/2 associated breast cancer; and in developing new therapeutic options for brain metastases, a disease with very poor outcomes. He has developed and implemented clinical practice guidelines including Cancer Australia 'Management of lobular carcinoma in situ' and The World Health Organisation Tumour Classification monographs. His work has helped to standardise diagnostic practices throughout the world with resultant impacts on clinical management



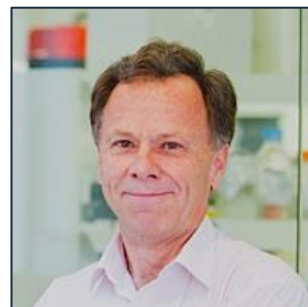
PROFESSOR DAVID LE COUTEUR

Degrees and Honours: AO MBBS(Hons) PhD FRACP FAHMS
Primary Position: Professor of Geriatric Medicine
Institute: University of Sydney and Concord RG Hospital
State: NSW

David Le Couteur is a geriatrician and clinical pharmacologist who was made an Officer of the Order of Australia (2016), awarded the Rand Medal, Australasian Society for Clinical Pharmacology and Toxicology (2015) and Abrams award, American Society for Clinical Pharmacology and Therapeutics (2013) for his contributions to geriatric pharmacology, ageing research and drug regulatory affairs. He has over 300 publications and chapters related to geriatric pharmacology and ageing biology. He is Director of the Centre for Education and Research on Ageing (University of Sydney) and is an advocate for ageing research and improved use of medications in older people.

PROFESSOR ANDREW LLOYD

Degrees and Honours: AM MBBS MD FRACP FAHMS
Primary Position: Professor
Institute: Kirby Institute
University of New South Wales
State: NSW



Professor Andrew Lloyd AM is a distinguished infectious diseases physician-scientist. He has made major contributions to clinical practice in hepatitis C infection (particularly amongst the prisoner population) and also in chronic fatigue states associated with infection and cancer. He has also made major contributions in laboratory-based studies of the pathophysiology of hepatitis C infection, the acute sickness response to infection and post-infective fatigue states. These studies have led the research direction internationally as well as delivered important clinical practice innovations in Australia. Professor Lloyd has also contributed extensively in research leadership, particularly in the field of viral hepatitis.



A/PROFESSOR SHERENE LOI

Degrees and Honours:	MBBS(Hons) PhD FRACP FAHMS
Primary Position:	Group Leader, Translational Breast Cancer and Genomics laboratory
Institute:	Peter MacCallum Cancer Centre
State:	VIC

Associate Professor Sherene Loi has made significant contributions in breast cancer research. These include 1. understanding the role of the immune system and its reaction to breast cancers, 2. how doctors can therapeutically and potentially favourably alter the immune response, 3. development of important new drugs for breast cancer patients including palbocicilb and pertuzumab which have both improved outcomes for breast cancer patients and 4. incorporation of genomic sequencing into clinical care of advanced breast cancer patients to help guide therapy choices. She is an international leader in breast cancer translational research, is widely cited and has over 110 peer---reviewed publications.

PROFESSOR GEORGINA LONG

Degrees and Honours:	BSc(Hons) PhD MBBS(Hons) FRACP FAHMS
Primary Position:	Professor of Melanoma Medical Oncology and Translational Research Melanoma Institute Australia
Institute:	The University of Sydney
State:	NSW



GL BSc(UM) PhD MBBS FRACP, Co-Medical Director of Melanoma Institute Australia, and President-elect for the prestigious international 'Society for Melanoma Research', is an international key-opinion leader in melanoma medical oncology and translational research, focusing on drivers of response and resistance to novel drugs. GL has published >130 peer-reviewed papers since 2011 (6xNEngJMed), and has obtained major NHMRC program-grant funding (co-chief investigator). GL has been an invited speaker at >120 international meetings, is Scientific Committee Track-Leader for the prestigious American Society for Clinical Oncology 2015/16, and for the European equivalent (ESMO '18/ESMO-Asia '17). She is a member of key boards, steering committees (AJCC staging), and guideline working-groups, is associate-editor and reviewer for high-impact journals (+editorial boards), & reviews grants (NHMRC).



PROFESSOR ALAN LOPEZ

Degrees and Honours: AC BSc(Hons) MSc PhD HonFAFPHM
Primary Position: FAHMS
Institute: Melbourne Laureate Professor
University of Melbourne
State: VIC

Alan Lopez is a highly cited public health researcher whose contributions have had a major impact on health policy debates in Australia and worldwide, named in the top 10 most influential researchers worldwide by Thompson-Reuters in 2015. His seminal and continuing work on the Global Burden of Disease Study with Chris Murray is used by the Gates Foundation to determine research priorities, and by government in Australia and WHO to prioritise major disease control programs (e.g tobacco control). His research leadership on 'verbal autopsy' and vital registration systems is reducing ignorance about leading causes of death in developing countries.

PROFESSOR LISA MAHER

Degrees and Honours: AM BA MA PhD FAHMS
Primary Position: Program Head and NHMRC Senior
Research Fellow
Institute: Kirby Institute,
University of New South Wales
State: NSW



Professor Maher is a renowned public health scientist who applies both epidemiological and anthropological approaches to important public health problems - in particular hepatitis C virus (HCV) infection – including leading the first ever HCV vaccine preparedness study. Her high standing is evidenced by extensive conference invitations as well as an outstanding record of competitive grant funding. This is matched by the respect she enjoys in the wider community, as evidenced by invitations to join high-level policy and advisory committees, including the WHO Strategic and Technical Advisory Committee on Viral Hepatitis.



PROFESSOR GLENN MARSHALL

Degrees and Honours:	AM MBBS(Hons) MD FRACP FAHMS
Primary Position:	Senior Staff Specialist in Haematology and Oncology
Institute:	Sydney Children's Hospital
State:	NSW

Professor Glenn Marshall AM is a renowned clinician and researcher in the field of paediatric oncology – having made breakthrough discoveries in both childhood acute lymphoblastic leukaemia and neuroblastoma. As an integral and integrated aspect of Marshall’s research program, he has pursued both the fundamental mechanisms of carcinogenesis and sought to rapidly move these findings into clinical practice.

His frequently world-first research achievements are matched by his profile both nationally and internationally, evidenced by his numerous leadership roles, exceptional level of peer funding and many invitations to speak at leading symposia. Professor Marshall would be an influential addition to the Fellowship.

PROFESSOR PATRICK MCGORRY

Degrees and Honours:	AO MD PhD FRCP FRANZCP FAHMS
Primary Position:	Executive Director
Institute:	Orygen, The National Centre of Excellence in Youth Mental Health
State:	VIC



Professor Patrick McGorry, Australian of the Year 2010, is Executive Director of Orygen, the National Centre of Excellence in Youth Mental Health. He is also Professor of Youth Mental Health at the University of Melbourne and founding member of the National Youth Mental Health Foundation (headspace) board. Professor McGorry and Orygen have put Australia at the forefront of research and innovation in the prevention and treatment of mental illness. With its strong focus on early intervention and educating the community about the early signs of mental illness, Professor McGorry’s research has transformed the lives of tens of thousands of young people the world over.



PROFESSOR GITA MISHRA

Degrees and Honours: BSc MSc PhD Cstat Csci FAHMS
Primary Position: Professor of Life Course Epidemiology
Institute: University of Queensland
State: QLD

Professor Mishra is an internationally renowned researcher with broad expertise in women's health epidemiology who maintains numerous international collaborations in Europe, USA and Japan. She is Director of the national flagship study, the Australian Longitudinal Study on Women's Health, and a recognised Chartered Statistician (Royal Statistical Society) and Chartered Scientist (UK Science Council). With over 250 peer-reviewed publications and government reports, she is an awarded scientist with over 70 invited presentations in the last decade, and is an influential advocate for social and health policy concerning women around the world, consulting with governments and holding positions in key UN agencies

PROFESSOR PHILIP MITCHELL

Degrees and Honours: AM MBBS(Hons) MD FASSA FRANZCP
FRCPsych FAHMS
Primary Position: Scientia Professor and Head of
School, UNSW Psychiatry
Institute: University of New South Wales
State: NSW



Philip Mitchell is an international authority in the fields of bipolar disorder and depression, with his major achievements spanning the breadth of genetics, phenomenology, treatment and epidemiology of these conditions. He has identified distinguishing clinical characteristics of bipolar depression, demonstrated specific differences in brain functioning of young people at risk to bipolar disorder, and has published the only two Australian national epidemiological reports on bipolar disorder. As President of the Australasian Society for Bipolar and Depressive Disorders and Vice-President of the International Society for Bipolar Disorders, Mitchell is a leading discipline figure and a most worthy addition to the Fellowship



PROFESSOR (GRAHAM) LORIMER MOSELEY

Degrees and Honours:	DSc PhD FACP HMAPA FAHMS
Primary Position:	Professor of Clinical Neurosciences & Chair in Physiotherapy
Institute:	University of South Australia
State:	SA

Professor Moseley has made seminal contributions to our understanding of persistent pain disorders and the role of brain processes in etiology and in treatment. He pioneered intensive pain biology education ('Explaining pain') as a treatment for chronic pain, which generated a new field of research and clinical practice. He also developed a specific treatment, which targets disrupted brain processes in chronic pain, that is now recommended in clinical guidelines internationally and considered best practice. His discoveries of cognitive influences over bodily effects have generated new lines of research. His contributions have been recognised by awards and honours on every continent.

PROFESSOR STEPHEN O'LEARY

Degrees and Honours:	BMedSci MBBS PhD GAIDC FRACS FAHMS
Primary Position:	William Gibson Chair in Otolaryngology
Institute:	University of Melbourne
State:	VIC



Stephen O'Leary is a surgeon scientist who has dedicated his career to the treatment of hearing loss, especially the prevention of hearing loss during surgical interventions to the inner ear such as cochlear implantation. His experimental finding that steroids protect the ear during cochlear implantation has led to clinical trials. His team's development of intraoperative monitoring of hearing directly from the cochlear implant's electrode is now in global trials and commercial development. Stephen has also explored neural engineering and regenerative medicine approaches to improving cochlear implant performance, developed VR simulators to improve surgical training and contributed to Indigenous ear health.



PROFESSOR GORDON PARKER

Degrees and Honours: AO MBBS MD PhD DSc FRANZCP
FASSA FAHMS

Primary Position: Scientia Professor of Psychiatry

Institute: University of New South Wales

State: NSW

Professor Gordon Parker AO has received international recognition for his pioneering work in psychopathology, in particular research models to differentiate principal mood disorders (melancholia and bipolar II disorder) with diagnostic precision so that their causes and optimal treatments can be pursued. He has also carried out seminal work on parenting style and other psychosocial factors affecting adult psychopathology.

Parker established the Black Dog Institute, thereby enabling the translation of his group's research, and transforming the landscape of depression awareness and treatment access in the country. He is a leading educator, mentor, spokesperson and polemicist of Psychiatry in the country.

PROFESSOR ROGER REDDEL

Degrees and Honours: BSc(Med) MBBS PhD FRACP FAA
FAHMS

Primary Position: Lorimer Dods Professor and Director

Institute: Children's Medical Research Institute

State: NSW



Professor Roger Reddel is a medical oncologist and cancer researcher who is internationally recognised for major contributions to understanding cellular immortality – an almost universal characteristic of cancers - and especially the role of telomere lengthening mechanisms. He also has a medical research leadership role as executive director of Children's Medical Research Institute, and within many medical research networks including Sydney Health Partners. He is Director of CellBank Australia, and co-director of the Australian Cancer Research Foundation International Centre for the Proteome of Human Cancer, which aims to improve the accuracy of treatment decisions for individual cancer patients



PROFESSOR JAMIE ROSSJOHN

Degrees and Honours:	BSc(Hons) PhD FAA FLSW FAHMS
Primary Position:	NHMRC Australia Fellow
Institute:	Monash University
State:	VIC

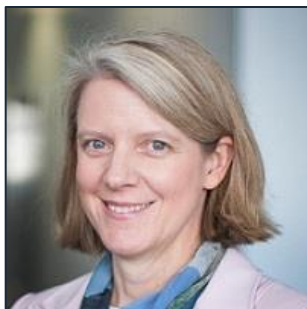
Rossjohn has provided profound insight into T-cell biology, defining the basis of key immune recognition events by T-cells. He has used structural biology to explain pre-T-cell receptor (TCR) self-association in T-cell development, and how the TCR recognises polymorphic Human Leukocyte Antigen (HLA) molecules. He has unearthed mechanisms of HLA polymorphism impacting on drug and food hypersensitivities, as well as Natural Killer cell receptor recognition. He has pioneered our understanding of lipid-based immunity by NKT-cells, and has demonstrated how vitamin B metabolites are recognized by Mucosal-associated invariant T-cells, thereby defining a completely novel class of antigens recognized by T-cells.

PROFESSOR RICHARD SCOLYER

Degrees and Honours:	BMedSci MBBS MD FRCPA FRCPATH FAHMS
Primary Position:	Clinical Professor, Senior Staff Specialist, Co-Medical Director
Institute:	The University of Sydney, Royal Prince Alfred Hospital, Melanoma Institute Australia
State:	NSW



Prof Scolyer leads one of world's largest histopathology consultation practices and is widely regarded as the Australasian point of reference for diagnosis of difficult pigmented skin lesions. He co-leads an award winning translational research program investigating causes, prognostic /predictive biomarkers and treatment of melanoma. He has authored >450 peer-reviewed journal publications (>14,000 citations), and according to Thomson ISI, is the highest ever published scientist worldwide in the field of melanoma pathology and also has highest H index in this field. Professor Scolyer was independently ranked world's leading melanoma pathologist on multiple occasions. He holds leadership roles in the WHO and AJCC.



A/PROFESSOR CLARE SCOTT

Degrees and Honours: MBBS PhD FRCAP FAHMS
Primary Position: Laboratory Head
Institute: The Walter and Eliza Hall Institute of Medical Research
State: VIC

Clare Scott is a clinician scientist and head of the ovarian cancer laboratory at WEHI. Her expertise in novel pre-clinical mouse models of epithelial ovarian cancer complements her involvement in ovarian cancer genetics and key contributions to clinical trials of the DNA repair inhibitors, PARP inhibitors. The focus of Scott's laboratory is discovery, leading to the design of novel treatments targeted to a range of specific molecular drivers and susceptibilities of epithelial ovarian cancers and other rare cancer subtypes. She has built strong links with the community and is improving clinical and research opportunities for Australians with rare cancers.

PROFESSOR ANDREW SCOTT

Degrees and Honours: MBBS MD FRACP DDU FAANMS
FAICD FAHMS
Primary Position: Director, Department of Molecular Imaging and Therapy, Head, Tumour Targeting Laboratory
Institute: Austin Health, ONJCRI
State: VIC



Prof. Andrew Scott has made significant contributions to science and medicine through the discovery of novel therapeutic antibodies that are impacting on cancer patient outcomes, and the development of evidence for positron emission tomography (PET) that has led to the approval of multiple Medicare clinical indications for accurately staging cancer patients. He has provided leadership of scientific and medical professional organisations and in public education. Prof. Scott is recognised Internationally for his research and clinical expertise, and for advocacy of molecular imaging and therapy, reflected by his recent election as President of the World Federation of Nuclear Medicine and Biology.



PROFESSOR MARKUS SEIBEL

Degrees and Honours:	MD PhD FRACP FAHMS
Primary Position:	Director, Bone Research Program
Institute:	ANZAC Research Institute
State:	NSW

Markus Seibel has been an international leader in musculoskeletal medicine for over 25 years. Covering basic, translational and clinical research, Markus has made seminal contributions to the area of skeletal physiology and pathophysiology as well as clinical management of osteoporosis. He has published over 400 scientific articles and edited six academic books. His work has been highly influential being cited >12,000 times. He is Immediate Past-President of the Australian and New Zealand Bone & Mineral Society, Chair of the National Fracture Prevention Alliance and is a Director of the International Federation of Musculoskeletal Research Societies.

PROFESSOR CATHERINE SHERRINGTON

Degrees and Honours:	BAppSc MPH PhD FAHMS
Primary Position	Head, Ageing and Physical Disability Program Musculoskeletal Health Sydney, School of Public Health
Institute:	The University of Sydney
State:	NSW



Prof Sherrington is an NHMRC Senior Research Fellow at the George Institute for Global Health and Sydney Medical School, The University of Sydney. She leads the 17-person Ageing and Physical Disability Research Group within the Institute's Musculoskeletal Division. Her research focuses on the promotion of physical activity and prevention of falls in older people and people with chronic disabling conditions. Her publications have been cited over 12,600 times. She is an international pioneer in the conduct of large-scale pragmatic clinical trials and systematic reviews about exercise and falls prevention. She has been Chief Investigator on NHMRC grants totalling \$15.2 million.



PROFESSOR KAREN SIMMER

Degrees and Honours:	AO GradDip.HSM GradCertTertEd MBBS PhD MRCP AMP FRCPC FRCP FAICD FAHMS
Primary Position:	Professor Newborn Medicine and Director NICU
Institute:	University of Western Australia, Princess Margaret & King Edward Memorial Hospital
State:	WA

Karen Simmer is the Professor of Newborn Medicine at the University of Western Australia. She is the Director of the Neonatal ICUs in Perth and Co-Director of the NHMRC Centre of Research Excellence for preterm infants. She established the first Human Milk Bank in Australia. Prof Simmer has published over 170 original research manuscripts and has an international reputation in the effects of early nutrition and infection on child development. She has qualifications from Sydney, London and Harvard Universities. She was made an Officer in the Order of Australia for her commitment to paediatrics as an academic, researcher and clinician.

PROFESSOR CAMERON SIMMONS

Degrees and Honours:	BSc(Hons) PhD FAHMS
Primary Position:	Professorial Fellow, Department of Microbiology & Immunology
Institute:	Peter Doherty Institute for Infection and Immunity, The University of Melbourne
State:	VIC



Professor Cameron Simmons is an internationally recognised infectious disease scientist who has made an outstanding contribution to the understanding of dengue. He has been at the forefront of developing and testing novel approaches to improve individual patient outcomes through better diagnosis, prognosis and testing of new treatment options. As Director of Impact Assessment in the Eliminate Dengue Program, he is leading clinical and epidemiological research into Wolbachia for the biocontrol of dengue and Zika. His expertise in the field is recognised through appointments to technical committees at WHO, invitations to international meetings and advisory roles to academic and private sector entities



PROFESSOR HELENA TEEDE

Degrees and Honours:	MBBS PhD FRACP FAHMS
Primary Position:	Executive Director, Monash Partners Academic Health Sciences Centre Director, Monash Centre For Health Research And Implementation
Institute:	Monash University
State:	VIC

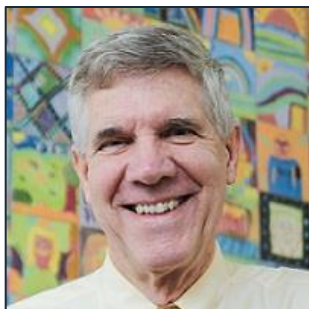
Professor Teede is a clinician, academic, and leader committed to research and translation, delivering measurable changes in policy and practice. She is nationally and internationally recognised for excellence in health and medical research, exceptional leadership, and community engagement. Focusing on improving women's reproductive health, she has spearheaded the development of the first evidence-based guidelines on PCOS in the world, pioneered interventions for preventing obesity in women, and established one of only four national Diabetes Centres of Excellence. Having raised a family and maintained an active academic and clinical career, she is a role model for women in her profession.

PROFESSOR GRAEME YOUNG

Degrees and Honours:	AM MBBS MD FRACP FTSE AGAF FAHMS
Primary Position:	Professor of Global Gastrointestinal Health
Institute:	Flinders University
State:	SA



Professor Graeme Young AM is a global leader in prevention of colorectal cancer. His contributions span epithelial and molecular biology, nutrition, biomarker development and validation, clinical and population randomised trials. He established the Flinders Centre for Innovation in Cancer as Director of Development and chaired the growth of the most influential global network in colorectal cancer screening, the World Endoscopy Organisation Committee, from 50 to 550 people who meet annually in three continents. He has 265 published articles or reviews, given almost 200 invited lectures, received national and international awards, and attracted over \$44M in competitive research funds with colleagues.



PROFESSOR STEPHEN ZUBRICK

Degrees and Honours:	MSc MA PhD CitWA FAHMS
Primary Position:	Professor
Institute:	University of Western Australia
State:	WA

Stephen Zubrick is a leading developmental scientist. He pioneered the first Australian population studies of the prevalence and burden of mental disorders in Australian children and adolescents. He and his team went on to conduct the landmark Western Australian Aboriginal Child Health Survey. Along with his team he has led the 1998 and 2014 National Surveys of Child and Adolescent Mental Health. He is a creator and leader of the National Longitudinal Study of Australian Children. His work has guided policies and services for children across Australia and placed Australian child and adolescent mental health into a global perspective.

