

## Ralph Reader Prize Winners

Year	Awarded to	Institution	Venue & Date	Lecture Title
1980	Dr Garry Jennings		Sydney, 22-23 February	The year that Dr Jennings won this award it was called the Young Investigator's Award.
1981	Dr David Richards	Westmead Hospital, NSW	Surfers Paradise 25-27 March	
1982	Dr Rob Denniss	Westmead Hospital, NSW	Melbourne 3-5 May Wentworth Hotel, Melbourne	The use of the signal-averaged Vectorcardiogram to predict patients with ventricular electrical instability after myocardial infarction
1983	Miss Lorraine Holley	Westmead Hospital, NSW	Perth 2-4 May Parmelia Hilton Hotel, Perth	
1984	Dr Richmond Jeremy	Royal Prince Alfred Hospital and University of Sydney, NSW	Queenstown 11-13 April Lakeland Regency Hotel, Queenstown NZ	Left ventricular volume changes after acute myocardial infarction
1985	Mr J Torresi	Austin Hospital, Heidelberg, VIC	Sydney 6-8 May Hilton International Hotel, Sydney	Tolerance to the coronary vasomotor actions of nitro-glycerine mechanisms and prevention
1986	Dr Mark Cooper	Westmead Hospital, NSW	Adelaide 14-16 April Hilton International Hotel, Adelaide	Electrophysiological testing of antiarrhythmic drugs predicts proarrhythmic rather than antiarrhythmic effects
1987	Dr Edward Barin	Royal North Shore Hospital, St Leonards, NSW	Melbourne 2-5 August Hilton Hotel, Melbourne	Fixed rate versus responsive ventricular pacing: A randomised evaluation of ventilator and haemodynamic responses to exercise using CO <sub>2</sub> rebreathing technique
1988	Dr Ian Meredith	Baker Medical Research Institute, Prahran, VIC	Sydney 8-11 May Hilton International Hotel, Sydney	The time course effect of regular endurance exercise on blood pressure, cardiac structure and function
1989	Dr Peter Macdonald	University of Melbourne, VIC	Gold Coast 14-17 May Conrad International Hotel, Gold Coast	Coronary endothelium antagonises vasodilator mechanisms by releasing the peptide, endothelin
1990	Dr David Whalley	Royal North Shore Hospital, St Leonards, NSW	Hobart 29 April 2 May Wrest Point Casino, Hobart	Activation of sodium-hydrogen exchange in heart cells by hyperosmolar solutions

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1991	Dr Paul Hemsworth	Royal North Shore Hospital, St Leonards, NSW	Perth 11-14 August Burswood Convention Centre, Perth	Angiotensin II stimulates Na <sup>+</sup> , K <sup>+</sup> -pumping in cardiac myocytes
1992	Dr James Liu	Austin Hospital, Melbourne, VIC	Melbourne 2-5 August World Congress Centre, Melbourne	Constrictor effect, receptors and peptide levels of endothelin-1 in human internal mammar artery and cultured endothelial cells: Effects of calcium antagonists
1993	Dr Len Kritharides	Royal Prince Alfred Hospital, Camperdown, NSW	Christchurch 15-18 August Christchurch Town Hall, Christchurch	7-Ketocholesterol is removed from foam cell macrophages by human apolipoprotein A-I less efficiently than unoxidized cholesterol and its esters
1994	Dr Melissa Doohan	Royal North Shore Hospital, St Leonards, NSW	Adelaide 7-10 Adelaide Adelaide Convention Centre	Thyroid status and Na <sup>+</sup> -K <sup>+</sup> pump current, intracellular sodium and action potential duration in rabbit heart
1995	Dr Noel Caplice	Prince Charles Hospital, Chermside, QLD	Canberra 6-9 August National Convention Centre, Canberra ACT	Proliferation of human vascular smooth muscle cells (VSMCs) obtained at atherectomy is stimulated by coronary sinus serum and inhibited by antibodies to platelet derived growth factor (PDGF) and basic fibroblast growth factor (bFGF)
1996	Dr Mark Adams	Royal Prince Alfred Hospital & Heart Research Institute, Camperdown, NSW	Brisbane 4-7 August Brisbane Convention Centre, Brisbane	L-Arginine improves endothelium-dependent dilatation in humans and reduces monocyte adhesion to endothelial cells
1997	Dr Michael Ward	Baker Medical Institute, Prahran, VIC	Hobart 10-13 August Wrest Point Convention Centre, Hobart	Flow effects neointima formation and vessel remodelling after experimental angioplasty by inhibition of cell migration and migratory protein mRNA expression
1998 Basic Science	Dr Jane McCrohon	The Heart Research Institute, NSW	Perth 2-5 August Burswood Convention Centre, Perth	Gender-specific effects of sex steroids on human foam cell formation
1998 Clinical Science	Dr Paul Sparks	The Royal Melbourne Hospital, Parkville, VIC	Perth 2-5 August Burswood Convention Centre, Perth	Electromechanical remodelling of the atria following loss of atrioventricular (AV) synchrony: A chronic study in humans

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1999 Basic Science	Dr David Rees	Cell Biology & Clinical Research Groups, The Heart Research Institute and Dept of Cardiology Concord Hospital, NSW	Wellington 7-11 August Wellington Festival and Convention Centre, Wellington, New Zealand	Apolipoprotein A-1 stimulates secretion of de novo-synthesised and plasma membrane-bound apolipoprotein E from foam cell macrophages
1999 Clinical Science	Dr Andrew Skyrme-Jones	Centre for Heart & Chest Research, Monash University, Monash Medical Centre, VIC	Wellington 7-11 August Wellington Festival and Convention Centre, Wellington, New Zealand	Vitamin E supplementation normalises endothelial function in Type I diabetes mellitus: A randomised placebo controlled study
2000 Basic Science	Dr Peter Sage	The Queen Elizabeth Hospital Adelaide, SA	Melbourne 6-9 August Melbourne Convention and Exhibition Centre, Melbourne, Victoria	Mechanisms of impairment of vascular responsiveness to organic nitrates
2000 Clinical Science	Dr Paul Martin	Depts of Medicine Epidemiology & Preventive Medicine, Monash Medical School, Alfred Hospital, VIC	Melbourne 6-9 August Melbourne Convention and Exhibition Centre, Melbourne, Victoria	Reduced basal and stimulated vasodilation of endothelin receptor antagonism in hypertensive patients
2001 Basic Science	Dr Fang Lin	Victor Chang Cardiac Research Institute, NSW	Auckland 5-8 August Aotea Centre, Auckland, New Zealand	Targeted $\alpha_{1A}$ adrenergic receptor over expression induces enhances cardiac contractility but not hypertrophy
2001 Clinical Science	Dr Michael Vallely	The Heart Research Institute, Camperdown, NSW	Auckland 5-8 August Aotea Centre, Auckland, New Zealand	Human coronary artery surgery without cardiopulmonary bypass reduces neutrophil activation relative to surgery on bypass
2002 Basic Science	Dr Thomas Yeoh	Victor Chang Cardiac Research Institute, NSW	Sydney 5-9 May 14 <sup>th</sup> World Congress of Cardiology & 50 <sup>th</sup> Anniversary of CSANZ	Role of P38 MAPK in regulation of skeletal muscle stem cells
2002 Clinical Science	Ms Margarite Vale	St Vincent's Hospital, Melbourne, VIC	Sydney 5-9 May 14 <sup>th</sup> World Congress of Cardiology & 50 <sup>th</sup> Anniversary of CSANZ	The COACH program & trade: A proven bridge across the treatment gap in coronary heart disease. Multicentre randomised controlled trial

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2003 Basic Science	Dr Carmine De Pasquale	Flinders Medical Centre, Flinders University and Royal Perth Hospital, WA	Adelaide 10-13 August Adelaide Convention Centre, Adelaide	Chronic heart failure increases bi-directional protein movement across the alveolocapillary barrier
2003 Clinical Science <b>JOINT WINNERS</b>	Dr Jo-Dee Lattimore  Mr Changjie Song	Royal Prince Alfred Hospital, Camperdown, NSW  School of Medical Sciences, University of NSW Dept of Cardiology, Concord Hospital and the University of Sydney, NSW	Adelaide 10-13 August Adelaide Convention Centre, Adelaide	Treatment of obstructive sleep apnoea and improved vascular reactivity in the pulmonary and systemic circulations.  C-Reactive protein contributes to the hypercoagulable state in coronary artery disease
2004 Basic Science	Dr Kristine McGrath	University of Queensland, QLD	Brisbane 8-11 August Brisbane Convention Centre, Brisbane	Androgens exert novel genomic and non-genomic effects on human endothelial cells – implications for the gender differences in atherosclerosis
2004 Clinical Science	Dr Edwin Kirk	Victor Chang Cardiac Research Institute, NSW		Homozygosity for a common mutation in the human gata4 gene associated with secundum atrial septal defect and patent foramen ovale complicated by cryptogenic stroke
2005 Basic Science	Dr Caroline White	Royal North Shore Hospital, St Leonards, NSW	Perth 5-8 August Burswood Convention Centre	Angiotensin II inhibits the $\text{Na}^{+}$ - $\text{K}^{+}$ pump in cardiac myocytes via superoxide
2005 Clinical Science	Dr Chiew Wong	University of Queensland, QLD	Perth 5-8 August Burswood Convention Centre	Does weight reduction in obese subjects improve subclinical myocardial – vascular function?
2006 Basic Science	Dr Rav Bhindi	University of NSW, Concord Repatriation General Hospital, NSW	Canberra 4-7 August National Convention Centre, Canberra	Dnzymes targeting the transcription factor EGR-1 reduce myocardial infarct size following ischaemia reperfusion
2006 Clinical Science	Dr Yishay Orr	University of NSW, NSW	Canberra 4-7 August National Convention Centre, Canberra	Conformational activation of neutrophil CD11B without Lselectin shedding novel proadhesive neutrophil phenotype indentified during coronary artery bypass surgery

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2007 Basic Science	Dr Maros Elsik	Monash University, Melbourne, VIC	Christchurch 9-12 August Christchurch Convention Centre, Christchurch Town Hall for Performing Arts and Crowne Plaza Hotel Christchurch	Reduced cardiac fibrosis and improved ventricular function in an experimental model of myocardial infarction using a purpose designed direct antifibrotic drug
2007 Clinical Science	Dr Raymond Sy	Concord Repatriation General Hospital, Concord, NSW	Christchurch 9-12 August Christchurch Convention Centre, Christchurch Town Hall for Performing Arts and Crowne Plaza Hotel Christchurch	Baseline and "Ontreatment" risk scores for predicting mortality in patients with infective endocarditis
2008 Basic Science	Dr Louise Dunn	Heart Research Institute, Sydney, NSW	Adelaide 7-10 August Adelaide Convention Centre, Adelaide	Rescue of Diabetes-Related Impairment of Angiogenesis by Gene Silencing of Thioredoxin-Interacting Protein
2008 Clinical Science	Dr Gautum Vaddadi	Baker Heart Research Institute, Melbourne, VIC	Adelaide 7-10 August Adelaide Convention Centre, Adelaide	Sympathetic Neurobiology of Orthostatic Intolerance: A systematic biochemical and molecular analysis of patients with vasovagal syncope, low supine systolic blood pressure and postural tachycardia syndrome
2009 Basic Science	Ms Joanne Tan	Heart Research Institute, Sydney, NSW	Sydney 13-16 August Sydney Convention Centre, Sydney	Role of DHCR24 in mediating anti-inflammatory effects of HDL in human coronary artery endothelial cells
2009 Clinical Science	Mr Paolo De Sciscio	Cardiovascular Research Centre, Royal Adelaide Hospital, SA	Sydney 13-16 August Sydney Convention Centre, Sydney	Localised high-density activation mapping of dominant frequency sites during atrial fibrillation in humans
2010 Basic Science	Dr Jonathan Habersberger	Baker IDI, Melbourne, VIC	Adelaide 5-8 August Adelaide Convention Centre, Adelaide (meeting should have been held in Melbourne – conference centre was unavailable due to rebuilding)	The conversion of CRP to a Monomeric Form represents the missing link between inflammation, phospholipase A2 and atherothrombosis
2010 Clinical Science	Dr André La Gerche	University of Melbourne and St Vincent's Hospital, Melbourne, VIC	Adelaide 5-8 August Adelaide Convention Centre, Adelaide	Intense Prolonged Exercise (IPE) Causes Acute Right Ventricular (RV) Injury Which May Not Always Be Completely Reversible

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2011 Basic Science	Dr Hany Abed	Royal Adelaide Hospital, Adelaide, SA	Perth 11-14 August Perth Convention Centre, Perth	Obesity Results in Progressive Atrial Electrical and Structural Remodelling: Implications for Atrial Fibrillation
2011 Clinical Science	Dr William Chan	Baker IDI and Diabetes Institute, Melbourne, VIC		Evidence for an Acute Diffuse Fibrotic Response Throughout the Left Ventricle Following Acute Myocardial Infarction
2012 Basic Science	Ms Bianca Bernardo	Baker IDI and Diabetes Institute, Melbourne, VIC	Brisbane 16-19 August Brisbane Convention Centre, Brisbane	Inhibition of a PI3K(p110 $\alpha$ )-Regulated microRNA is Protective in a Mouse Model of Pressure Overload
2012 Clinical Science	Dr Saurabh Kumar	University of Melbourne, Melbourne, VIC		Mechanisms and Effects of Omega-3 Polyunsaturated Fatty Acid Supplementation on Human Atrial Fibrillation
2013 Basic Science	Dr Rajiv Mahajan	Centre for Heart Rhythm Disorders, University of Adelaide and Royal Adelaide Hospital, SA	Gold Coast 8-11 August Gold Coast Convention Centre, Gold Coast	Atrial fibrillation and obesity: impact of weight reduction on the atrial substrate
2013 Clinical Science	Dr Dennis Wong	MonashHeart, Royal Adelaide Hospital & University of Adelaide, SA		Transluminal Attenuation Gradient On 320-detector row CT (TAG320) Compared to Contrast Opacification Mean Difference (CO-Mean-Difference) For Detection Of Functionally Significant Stenosis Assessed By Fractional Flow Reserve (FFR)
2014 Basic Science	Dr Calvin Hsieh	Westmead Hospital, NSW	Melbourne 14-17 August Melbourne Convention Centre. Melbourne	Ventricular tachycardia reentrant circuits arise early after myocardial infarction and are amenable to cure with radiofrequency ablation: Validation in a chronic ovine model

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2014 Clinical Science <b>JOINT WINNERS</b>	Dr Michael Wong	Royal Melbourne Hospital, Melbourne, NSW	Melbourne 14 – 17 August, Melbourne Convention Centre, Melbourne	Influence of the Long Interdialytic Break on the Incidence of Serious Arrhythmias and Sudden Cardiac Death in Patients with Chronic Kidney Disease (CKD) undergoing Haemodialysis
	Dr David Peris	George Institute for Global Health, Sydney, NSW		Effect Of A Multi-Faceted Quality Improvement Intervention To Improve Cardiovascular Disease Risk Identification and Management In Australian Primary Health Care: The Torpedo Cluster-Randomised Trial
2015 Basic Science	Dr Jun Yuan	Royal Prince Alfred Hospital, NSW	Melbourne 13-16 August, Melbourne Convention Centre	Fenofibrate rescues diabetes- related impairment of ischaemia-mediated angiogenesis by a PPAR? independent pathway
2015 Clinical Science	Dr Rajiv Kumar Pathak	Royal Adelaide Hospital, SA	Melbourne 13-16 August, Melbourne Convention Centre	Aggressive Risk factor Reduction Study: implications for the substrate for Atrial Fibrillation (ARREST-AF Substrate Study)
2016 Basic Science	Dr Chengxue (Helena) Qin	Baker IDI, Melbourne, VIC	Adelaide 4-7 August Adelaide Convention Centre	Formyl peptide receptor (FPR) biased agonists as novel cardioprotection from myocardial ischaemia- reperfusion (I-R) injury
2016 Clinical Science	Dr Quan Huynh	Menzies Institute for Medical Research, Hobart TAS	Adelaide 4-7 August Adelaide Convention Centre	Readmission and death within 30 days in heart failure: interventions based on predicted risk
2017 Basic Science <b>JOINT WINNERS</b>	Dr Inken Huttner & (Joint winner)	Victor Chang Cardiac Research Institute, NSW	Perth 11-13 August Perth Convention Centre	A zebrafish model of a human titin-truncating mutation exhibits spontaneous, age- dependent and load- exacerbated, dilated cardiomyopathy
	Dr Loan Le	Westmead Hospital, NSW		Telomerase Reverse Transcriptase Over-Expression Enhances Human Cardiac Progenitor Cell Cardiac Regeneration After Myocardial Infarction

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2017 Clinical Science	Dr Abdul-Raman Ihdayhid	Monash Heart, VIC	Perth 11-13 August Perth Convention Centre	Diagnostic Performance of CT Derived Fractional Flow Reserve using Reduced Order Modelling and CT Stress Myocardial Perfusion Imaging for Detection of Haemo- dynamically Significant Coronary Stenosis
2018 Basic Science	Dr Sujitha Thavapalachandran	The Westmead Institute for Medical Research, NSW	Brisbane 3 – 5 August Brisbane Convention and Exhibition Centre	Recombinant human Platelet Derived Growth Factor-AB improves cardiac function and decreases ventricular arrhythmias by modulating scar and angiogenesis after myocardial infarction
2018 Clinical Science	Dr Pierre Qian	Westmead Hospital, NSW	Brisbane 3 –5 August Brisbane Convention and Exhibition Centre	Development and validation of a novel microwave transcatheter renal denervation system and an intraprocedural physiological endpoint for renal sympathetic denervation
2019 Basic Science	Dr Lucy Murtha	University of Newcastle, NSW	Adelaide 9-11 August Adelaide Convention Centre	Fibulin-3 is necessary for the formation of infarct-induced cardiac fibrosis
2019 Clinical Science	Dr Aleksander Voskoboinik	Baker Heart & Diabetes Institute, VIC	Adelaide 9-11 August Adelaide Convention Centre	Alcohol abstinence in moderate drinkers with atrial fibrillation: Results from the alcohol-AF randomised controlled trial.
2020 Basic Science	Ms Celine Santiago	Victor Chang Cardiac Research Institute, NSW	Virtual 11–13 December	Titin truncation provides a sensitised template for cardio- depressant effects of alcohol.
2020 Clinical Science	Dr Chrisnan Nalliah	Royal Melbourne Hospital, Melbourne, VIC	Virtual 11–13 December	Impact of continuous positive airway pressure on the atrial substate in patients with obstructive sleep apnoea: the SLEEP- AF Substrate Study.
2021 Basic Science	Dr Meredith Redd	University of Queensland, QLD	Virtual 5-7 August	Genetic and pharmacological studies reveal acid sensing ion channel 1a as a novel therapeutic target against cardiac ischemia-reperfusion injury.
2021 Clinical Science	Dr Himawan Fernando	The Alfred Hospital, Baker Heart and Diabetes Institute, VIC	Virtual 5-7 August	Lignocaine versus Opioids in Coronary Intervention: Assessing Antiplatelet Activity and Ticagrelor Levels (LOCAL) Study.

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2022 Basic & Translational Science	Dr Dinesh Selvakumar	Westmead Institute for Medical Research, NSW	Gold Coast 11-13 August	Cellular Heterogeneity of Pluripotent Stem Cell Derived Cardiomyocyte Grafts is Mechanistically Linked to Treatable Arrhythmias.
2022 Clinical Science	Dr Julia Isbister	Centenary Institute, NSW	Gold Coast 11-13 August	“Concealed cardiomyopathy” is an important cause of autopsy-inconclusive sudden cardiac death and diagnosis impacts care of surviving relatives.
2023 Basic & Translational Science	Dr Victoria Nankivell	SAHMRI, SA	Adelaide 4 -6 August	Multifunctional porphyrin-lipid nanoparticles – novel nanoscale theranostics for atherosclerotic cardiovascular disease
2023 Clinical Science	Dr Stacey Peters	Victor Chang Cardiac Research Institute, NSW	Adelaide 4 -6 August	Environmental Factors Influence the Natural History of Genetic Dilated Cardiomyopathy
2024 Basic & Translational Science	Dr Jaideep Singh	PhD Student Monash University	Perth 1 -4 August	Formylpeptide Receptor Agonism as a Novel Approach for Limiting Abdominal Aortic Aneurysm: Impact on Smooth Muscle Cell Phenotypic Switching
2024 Clinical Science	Dr Elizabeth Paratz	St Vincent's Institute of Medical Research	Adelaide 1 -4 August	Minimal extra-cardiac atherosclerosis present in young people with sudden cardiac death due to coronary artery disease