

On the **PULSE**

The official newsletter of the Cardiac Society of Australia and New Zealand

IN THIS ISSUE

**The President's Report
2023 CSANZ AGM**

**2023 CSANZ ASM and
ANZET Meeting Highlights
& Prize Winners**

**2023 Clinical Development Award reports
CSANZ ASM 2023**

**SPOTLIGHT
ON**

**DR STEPHANIE
PARTRIDGE
EUREKA
PRIZE WINNER
EMERGING LEADER
IN SCIENCE**

THE PRESIDENT'S REPORT



It is with great pleasure that I deliver this, my first, President's report to the society. I took on this role at last year's AGM in the sunny Gold Coast, coming out of two extraordinary challenging years for all of us both personally and professionally, with a large and diverse membership who wanted to get on with the business of what we do. I'm grateful for my colleagues on the board, our exceptional staff in our Sydney office and all of our members who have rolled up their sleeves and continued to steer the society forward into this brave, and hopefully no longer locked down, world.

A year ago, I said that we were going to focus on our people and our partnerships. I wanted to share a few updates on our progress.

Our interactions with government continue to proliferate. This includes discussions regarding new indications as evidenced by interactions regarding cardiac magnetic resonance during COVID, recommendations to changes to the prosthesis list and clarification of issues regarding MBS billing queries. We have a clear channel of communication with the Department of Health, with regular meetings and ad hoc interactions over the course of the year. As an example, we are aware that several members have received letters from the Department with queries on billing of consults at the time of coronary angiography. We work closely with government to provide clinical context on these matters. There will be further communication coming out to provide further clarity. We have influenced the ability of genetic cardiology consults to bill for exercise stress testing. This dialogue is important for all of us, it gives us better insights into the thinking of government and values our clinical opinion in their decision making processes. I would like to thank a number of members, in particular [Raj Puranik](#), our Clinical Practice Advisor; [Sid Lo](#), Chair of the Interventional Council; [Greg Scalia](#), Chair of the Imaging Council and [Jon Kalman](#), Chair of the Heart Rhythm Council for their efforts with these interactions. Raj is looking to develop a committee to work on clinical practice issues over the next few months.

I'd like to thank [Jenny Deague](#) who has taken over as Chair of the Education Committee. The membership of this committee has expanded and is working through a number of innovations to advance the work of [Paul Bridgman](#) and colleagues. The board has approved the first major initiative of the new education committee, CSANZ On Demand, which will permit access to a range of video and podcast content, on our website for members. We will look to launch this activity in 2024. Jenny will also represent the board as co-chair of the Equity, Diversity and Inclusion Committee. We are in the process of expanding the committee and work with each of our councils to ensure we integrate these core principles into all of the activities of the society.

I'd like to acknowledge the great efforts of [Anna Rolleston](#) and [Alex Brown](#), as our co-chairs of the Indigenous Health Council. They are currently working on an expanded indigenous agenda on both sides of the Tasman. We are seeing a greater emphasis on equity at the board, with the research grant agenda of the scientific committee and discussion at our New Zealand scientific meeting in Auckland in June. I'd like to thank our Māori and Pacific colleagues for their engagement. We look forward to advancing this strategy.

We continue to review our partnerships. Our discussions with the National Heart Foundation of Australia have led to a new operational interaction and opportunity for greater exchange. We were delighted to be part of the partnership group that successfully lobbied the federal government to extend funding for Heart Health checks. We continue to work with international societies to identify more opportunities for our members to participate in a range of research and educational activities. While these discussions have primarily focused on partnership with North America and Europe, there is an important opportunity for our society to play a greater role in partnership with Asia Pacific based societies.

I would like to congratulate the organising committee of this year's annual scientific meeting. In particular, I would like to acknowledge the efforts of our convenor, [Derek Chew](#) - while we poached you to Monash, you have presented South Australia at its finest. I'd also like to thank our scientific program chairs, [Christina Bursill](#) and [Anand Ganesan](#), and their committees for compiling a stellar series of sessions. You have delivered on the main objective, to bring our community together. I'd like to thank our industry partners for your support and your participation. Thursdays are becoming an increasingly important part of our Annual Meeting. We want to thank the Councils for their great work on further showcasing the science.

Next year we head west to Perth and have made the decision to run the meeting from Thursday through Sunday as usual, we look forward to welcoming you out west. I'm also delighted to share with you that in the years to come our annual meeting will return to Sydney and Auckland, with ongoing discussions how we can also return Melbourne to the rotation.

It is with deep regret that I note the passing of the following Members in the past year since the last AGM: [Dr Malcolm James Abernethy FCSANZ \(NZ\)](#), [Dr David Brender FCSANZ \(NSW\)](#), [Dr Barry Chapman FCSANZ \(NSW\)](#), [Dr Ronald Easthope FCSANZ \(NZ\)](#) and [Dr Philip Tideman AM FCSANZ \(SA\)](#).

With your indulgence, I would like to make a few specific comments about [Phil Tideman](#). Phil is a son of South Australia, hailing from a regional centre, completing his training here and embarking on a career which served to improve the heart health of all South Australians with a focus on equity. His story is, by every definition, one of impact to make sure everyone has access to evidenced based care, regardless of their post code. His clinical story has been dedicated to rural cardiac care that led him to become a pioneer in improving cardiovascular outcomes in rural regions. Throughout his career, he focused his efforts on bridging the healthcare divide between rural and metropolitan areas. Recognising the disparities in cardiovascular care, he resolved to make a difference and established the groundbreaking statewide clinical support network known as ICCNet, which brought immediate senior cardiologist decision-making and care delivered by rural generalists and general practitioners. This work is one of the few examples that have been able to reduce 30 day mortality from Myocardial Infarction in rural area, narrowing the gap to achieve outcomes comparable to those seen in metropolitan Adelaide. He later turned his attention to remote delivery of cardiac rehabilitation and secondary prevention. His truly tireless efforts are widely lauded across the Australian Cardiac community and were recently recognised in the King's Birthday Honours, earning him the well-deserved award of an Order of Australia. Dr Tideman's lifelong commitment to improving cardiovascular care in rural communities has undoubtedly saved countless lives and improved the quality of life for many others. His passing leaves a void in the South Australian cardiovascular community. He's left big footprints, for which we have all benefitted.

On a brighter note, I would like to recognise society members who have received national awards of recognition in the last 12 months:

- [Prof Gemma Figtree FCSANZ \(NSW\)](#) received the award of Member (AM) of the Order of Australia, for significant service to medicine in the field of cardiology.
- [Prof Clara Chow FCSANZ \(NSW\)](#) received the award of Member (AM) of the Order of Australia, for significant service to medicine as a cardiologist, and to research.
- [Dr Rosemary Hackworthy FCSANZ \(NSW\)](#) received the award of Medal (OAM) for service to medicine as a cardiologist.
- [Dr Philip Tideman FCSANZ \(SA\)](#) received the award of Member (AM) for significant service to rural and remote medicine.

I would like to recognise the incredible contribution by two members of our society.

Firstly, [Prof Robert Denniss](#), who steps down from his role as Editor-in-Chief of Heart, Lung and Circulation (HLC). Rob first joined the society in 1988, was appointed head of department at Westmead in 2015, was appointed Editor-in-Chief in 2012 and served on the board from 2012-2022. Over that decade of service he steered the journal forward into the digital age with great passion. In a world that is becoming more global, more translational and focused on impact, Rob has led an editorial board that has had to develop HLC to become a journal of the 21st century.

THE PRESIDENT'S REPORT (Cont)

While many of us in this room write papers, review papers and handle peer review of papers for a number of journals, it takes a whole different level of work to be Editor-in-Chief. During this time the journal published 132 issues, 17,330 pages, 2,620 manuscripts, 25 scientific meeting abstracts and presented 38 awards. New initiatives during this time included appointment of editorial fellows, a commissioning editor, introduction of prizes for best review and high impact, established a HLC session at our annual scientific meeting and led the 25th anniversary celebration of the journal in 2016. He's done this in a highly competitive world, where he needs to meet the needs of a range of stakeholders - the publisher, the society, authors and importantly its readership. To balance all of these groups and to continue to grow the journal is a testament to the extraordinary effort that he has given to this role. In parallel, Rob has served as a member of the board for a number of years and we are grateful for his insightful contributions. On behalf of the Society, I am delighted to present Dr Robert Dennis with this Outstanding Service Award.

One of the things you do as President is have a weekly meeting with our Executive Officer, **Martha McCall** to keep the activity of the society moving. A few weeks ago, Martha informed me that she intends to step down from her role later in the year and travel the world with her husband, Gary, who is retiring. I wanted to take this opportunity to tell you a little about Martha and the incredible role that she has performed for the last 8 years. As Executive Officer, you basically run the society - you know all of its comings and goings - you are its COO, CFO, unofficial Company Secretary and head of both human resources and government affairs, amongst other activities. Martha has ably assisted and directed the board, its executive, the councils and committees, in the diverse number of activities that our society undertakes. She has an incredible working knowledge of all activities of the society, has adapted to the daily changes that are thrown before her and displays an incredible degree of poise and collegiality with regard to all of her interactions. That would be more than enough at the best of times, but was of critical importance to all of us during a once in a century pandemic. The need to quickly change to a virtual ASM, the need to be prepared to adapt to whatever new problem presented itself and the need to do so with the challenges presented to our finances, the wellbeing of her team and the sanity of her board executive - all of whom are busy clinicians - requires a certain kind of person. We were lucky to navigate this storm with Martha. Our society is diverse and is taking on new and challenging activities. Martha has an incredible capacity to blend the new in with the old and to respond to an increasing number of stakeholders both within and from the outside.

We are sorry to see you leave Martha, you have made a huge impact on the society and you will leave big footprints to fill. We wish you and your family all the best in the future. We are grateful for all that you have done for us. Over the next weeks and months, we will search for a successor, we are fortunate that Martha will assist with that. The board will also have more chances to farewell you at our next meeting in November, but we wanted the society, as a whole, to recognise your extraordinary contribution today at this AGM and as part of that, on behalf of the society, I would like to present you with this Outstanding Service Award.

In the last year, a number of members stepped off the board. I want to thank Paul Bridgman, for his efforts leading the Education Committee, and Stephen Duffy, for his contributions as Treasurer. At this week's board meeting we farewelled a few more members. Garry Jennings leaves us, having represented the National Heart Foundation of Australia. Garry, you have provided an important clinical conduit between the society and the foundation, and while we work with David Lloyd and his team on what our partnership looks like moving forward, you have played a vital role in this collaboration. We thank you. We also farewelled our immediate Past President, Clara Chow. Clara, I've not known a society board meeting that doesn't have you sitting at the table. You have served in all of the roles, you've provided incredible counsel to many of us and, with Len before you, you ably steered the society through a time of uncertainty. You were the first woman to serve as President and did so with great capability, collegiality, inclusion and enthusiasm. As an inclusive society, you have paved the way for many to follow in your footsteps. The society thanks you.

And that brings me to the next President. At the May meeting of the board, we confirmed the selection of the next President of the society, who will succeed my term at this meeting next year - I'm proud to announce that the next President of the Cardiac Society of Australia and New Zealand will be **Mayanna Lund** from New Zealand. Please join me in congratulating Mayanna and wish her well as she now takes on the role of President-elect.

Finally, I would like to thank the society's members, our board and our executive - Will, Mayanna and Clara - for all of your support during the last year. We are all busy people and you don't take on these roles on without the incredible support of your loved ones and your colleagues back at the ranch. For all of you, I thank you. I would encourage every member of the society to consider how they may want to contribute, there are many ways to serve and many opportunities to influence the direction of the society moving into the future. We have a society that has weathered an incredible storm and has set path on a forward course. We have many more challenges ahead of us, but I am firm of the view that we are well positioned to grow the society to represent the needs and aspirations of our membership.

Stephen Nicholls 5 August 2023

As delivered at the 2023 CSANZ Annual General Meeting.

PRESIDENT ELECT

Congratulations to Dr Mayanna Lund, President elect of the CSANZ Board, as announced at the AGM on Saturday 5 August 2023. Mayanna will succeed Prof Stephen Nicholls at the next CSANZ AGM in August 2024 in Perth.



Mayanna Lund is the Clinical Head of Cardiology for the Counties Manukau district in Aotearoa New Zealand, and the Clinical Lead for the Northern Cardiac Network, covering 40% of the NZ population. Dr Lund completed cardiology training at Green Lane Hospital in Auckland, and fellowships at St Vincent's Hospital Sydney and Brigham and Women's Hospital Boston before returning to Middlemore Hospital in Auckland, to be part of a rapidly growing department serving a diverse population with excellence.

Dr Lund is an Hon Senior Lecturer at the University of Auckland. Her research interests are implementation of evidence based care and quality improvement, particularly in the community management of heart failure. Since 2016 Dr Lund has been on the Governance Group of ANZACS-QI, Aotearoa's cardiac quality improvement registry. She has served the NZ CSANZ Committee in various roles, including as Chair from 2018-20, and on the board in that role and currently as the Honorary Secretary.

After the announcement, Mayanna said "Since I first attended a local CSANZ meeting as a non-trainee, the Society has been my professional family. Like many families, it has grown in its role, size and diversity. This is an incredibly exciting honour".

2023 Cardiac Society of Australia and New Zealand Annual Scientific Meeting

Thank you to our hosts, CSANZ South Australia and Adelaide for warmly welcoming us all to the 71st Cardiac Society of Australia and New Zealand Annual Scientific Meeting held at the Adelaide Convention and Exhibition Centre from 3 - 6 August 2023. Derek Chew, ASM Convenor; Christina Bursill and Anand Ganesan (Chairs, Scientific Program Committee), Sidney Lo, ANZET Convenor and the members of the Scientific Program Committee created a stellar 2023 Program. From the Associated Meetings and Council AGMs held on Thursday to the following days of inspiring and passionate Young Investigator Prize Finalist presentations and posters, the Meeting was a huge success.

Thank you to all presenters for helping us to continue to provide leading-edge content that makes the CSANZ ASM one of the most attended Australasian Scientific Meetings.

Registrants, don't forget to login to the On Demand content. We hope you will use it to revisit often to remember what you saw and heard and to expand your knowledge from the brilliant conversations, presentations and lectures that were presented at the 2023 CSANZ Annual Scientific Meeting.

For those of you who couldn't make it this year, content will be available to you in the coming months. Or [view the highlights here](#) as mentioned by this year's Scientific Program Steam Leads in the lead up to the Meeting.

2023 RT HALL PRIZE



Prof Gemma Figtree AM

We are delighted to announce the 2023 R T Hall Prize was awarded to Prof Gemma Figtree AM. The R T Hall Prize is the most prestigious research award of CSANZ and recognises the achievements of senior and established investigators.

Prof Gemma Figtree pictured left with CSANZ President, Prof Stephen Nicholls at the 2023 CSANZ ASM in Adelaide.

Over the last 10 years Prof Figtree has led an expanding international team addressing the mechanisms and unmet needs regarding clinical pathways for patients who develop coronary artery disease and myocardial infarction despite no standard modifiable risk factors (SMuRFs).

She is the National Scientific Lead of the large global clinical trial AEGIS II and was appointed to the adjudication panel, co-leading the heart failure analyses and publications for the highly cited CANVAS program demonstrating of benefits of SGLT2 inhibition in diabetics.

Using validated pre-clinical models, she has made seminal contributions that have provided unique insights into the mechanisms of cardiovascular disease susceptibility.

THE NAMED LECTURERS



Prof Emelia Benjamin of Boston University gave a passionate **R.T. Hall Lecture**, discussing “the prevention of atrial fibrillation”. She also spoke about equity and diversity, reminding us, “how important it is, to not leave anyone behind...” Leaving us with a note to the future, “anyone considering a career should think about becoming an implementation scientist...!”



Prof Patricia Davidson, Vice Chancellor of the University of Wollongong, NSW, made CSANZ history, the first Nurse to present the **Kempson Maddox Lecture** at the CSANZ ASM. She spoke of “The working life of a nurse: challenges, opportunities and gratitude” that resonated with all in the room.



A/Prof Jodie Ingles Garvan Institute of Medical Research, NSW presented the **Allied Health, Science and Technology Lecture** on “Cardiac genetic counselling to improve care for families with inherited heart diseases.”



A/Prof Salvatore Pepe, Murdoch Children's Research Institute, VIC presented an excellent and informative **Basic Science Lecture**, on “Cord Blood Cell Therapy for the Failing Heart”



Prof Sally Inglis, University of Technology Sydney, NSW presented an inspirational **Cardiovascular Nursing Lecture** “Heart failure, digital health and climate: research and leadership as a cardiovascular nurse scientist.”



Prof James Sharman, Menzies Institute for Medical Research, TAS, presented an impressive **Gaston Bauer Lecture** on “An odyssey towards accurate blood pressure measurement”.



Dr Joanna Chikwe, Smidt Heart Institute, Los Angeles, USA gave an amazing **Victor Chang Memorial Lecture** about “Unequal Treatment”.

THE #CSANZ2023 HIGHLIGHTS

Over the four days there were so many highlights... If you missed a presentation, it's not too late - login to the On Demand platform to catch up or search #CSANZ2023 #ANZET23 on socials. Please see a selection of highlights from our Twitter ambassadors below.

A/Prof Jodie Ingles @jodieingles27 · Aug 5

So great to have @BenjaminAbella in Australia presenting on predictors of cardiac arrest survival. Highlighting nice work from @FolkeFredrik on benefit of increasing AEDs @GregPage_Yellow #csanz2023 @CSANZ_AHSTC

Dr John Younger @Dr_JYounger · Aug 3

Steve Tomlinson from @MetroNorthHHS has standing room only for his tricuspid intervention lecture at #CSANZ23. An annoyingly complex and perhaps misnamed, structure. Remember less than 50% of tricuspid valves are trileaflet!

peterkistler MBBS PhD FHRS @peterkistler3 · Aug 5

Important insights into how we should determine success of AF ablation @DrJasonAndrade @thecsanz #csanz2023

Prof Rebecca Ritchie @rebeccahritchie · Aug 5

It's definitely time for guideline-directed medical therapy for HFpEF. The amazing Prof Carolyn Lam, what a way to kick things off after lunch @thecsanz #CSANZ2023

Chris Y @drchrisy · Aug 5

Great to have a dedicated #cardioonc session at #CSANZ2023 discussing basic science @DoanNgo4, novel imaging markers @kaznegishi, permissive CTRCD Dan Chen, importance of exercise @erin_howden and an oncologist perspective @bogda_koczwar

peterkistler MBBS PhD FHRS @peterkistler3 · Aug 5

Very fortunate to receive the "State of the Art VT ablation" lecture from @shivkumarmd @UCLA @thecsanz #csanz2023

Prof Rebecca Ritchie @rebeccahritchie · Aug 6

The amazing Alicia Chan knocking it out of the park at the final session @thecsanz #CSANZ23 What's Hot in Heart Failure. Great overview

CSANZCNC @CSANZCNC · Aug 5

Impact of Individual Patient Profiles on Adherence to Guideline Directed Medical Therapy in Heart Failure With Reduced Ejection Fraction: VCOR-HF Study - Andrea Driscoll @HeartLungCirc #csanz23

heartlungcirc.org
Impact of Individual Patient Profiles on Adherence to Guideline Directed... Multiple co-morbidities complicate initiation of medical therapy in patients with heart failure with reduced ejection fraction (HFREF). ...

2023 RALPH READER PRIZES

2023 Ralph Reader Prize Winner in Basic and Translational Science



Dr Victoria Nankivell, Post-doctoral Scientist, South Australian Health and Medical Research Institute, SA

Multifunctional Porphyrin-lipid Nanoparticles—Novel Nanoscale Theranostics for Atherosclerotic Cardiovascular Disease.

Judges: Livia Hool, Diane Fatkin, James Chong, James Sharman

Ralph Reader Finalists in Basic and Translational Science:

Photo (pictured LtoR)

Manisha Patil, PhD Student, Heart Research Institute, NSW

Dr Rikeish R Muralitharan, Research Fellow, Monash University, VIC

Dr Victoria Nankivell, Post-doctoral Scientist, SAHMRI, SA



2023 Ralph Reader Prize Winner in Clinical Science



Dr Stacey Peters, Cardiologist, Royal Melbourne Hospital, VIC

Environmental Factors Influence the Natural History of Genetic Dilated Cardiomyopathy

Judges: Clara Chow, Derek Chew, Emelia Benjamin, Rebecca Ritchie, David Playford

Ralph Reader Finalists in Clinical Science:

Photo: (pictured LtoR)

Dr Michael Seman, Cardiologist, Monash University, VIC

Dr Stacey Peters, Cardiologist, Royal Melbourne Hospital, VIC

Dr Luke Dawson, Cardiologist/PhD Candidate at Alfred Health, VIC



CONGRATULATIONS TO ALL



ALLIED HEALTH, SCIENCE AND TECHNOLOGY PRIZE

**Mr Samuel Turnbull, Cardiac Physiologist, Westmead Hospital/
Westmead Applied Research Centre, NSW**

[Accuracy of single-lead ECG for the diagnosis of cardiac arrhythmias compared to the gold standard of cardiac electrophysiology study](#)

Judges: Rebecca Perry, Jodie Ingles, Jim Crowhurst



CARDIOVASCULAR GENETICS PRIZE

**Ms Amy Mitchell, Research Assistant, Baker Heart and Diabetes
Institute, VIC**

[Prevalence of rare genetic variants in cardiomyopathy-associated genes and association with cardiac phenotype in endurance athletes](#)

Judges: Kathryn Waddell-Smith, John Atherton



CARDIAC IMAGING PRIZE

Dr Lauren Giudicatti, Fellow, Royal Perth Hospital, WA

[The Diagnostic Yield and Clinical Utility of CMR in Myocardial Infarction with Non-Obstructed Coronary Arteries](#)

Judges: Majo Joseph, Tony Stanton, Jenny Deague



CARDIOVASCULAR NURSING PRIZE

Ms Wendan Shi, PhD Candidate, University of Sydney, NSW

[Improving secondary prevention knowledge in immigrants after a heart attack: adapting and evaluating a virtual patient education resource to promote behaviour change](#)

Judges: Sally Inglis, Julie Sanders, Patricia Davidson

Click on the blue link to read their abstract

CSANZ PRIZE WINNERS



CLINICAL TRIALS PRIZE

Ms Trang Dang, PhD candidate, University of Queensland
Potentially preventable health care costs associated with unplanned 30-day readmissions following hospitalisation for heart failure.

Judges: Graham Hillis, Harvey White, Melinda Carrington



HEART FAILURE PRIZE

Mr Justin Lineham, Medical Student, Monash University, VIC
Role of Altered Venous Compliance in the Pathophysiology of Heart Failure with Preserved Ejection Fraction

Judges: Aaron Sverdlov, Sean Lal, Alicia Chan



HEART RHYTHM PRIZE

Dr Timothy Campbell, Scientist, Westmead Hospital, NSW
Whole heart histological and cardiac magnetic resonance imaging validation of electroanatomic mapping by multiple electrode mapping catheters in identifying post-myocardial infarction ventricular scar.

Judges: Karen Phillips, Rukshen Weerasooriya, Peter Kistler



PREVENTION PRIZE

Ms Sonali Munot, PhD Student, Westmead Applied Research Centre, NSW
Sex-related disparity in bystander response and survival outcomes for out-of-hospital cardiac arrest (OHCA) in New South Wales (NSW), Australia

Judges: William Parsonage, Robyn Clark, David Colquhoun

CSANZ NEW INVESTIGATOR POSTER PRIZES

Medical Student Poster Prize

Matthew Morton, Monash University, VIC

Poster Title: Caudal Fluoroscopic Guidance for the Insertion of Transvenous Pacing Leads

Judges: Mayanna Lund, Anand Ganesan

Basic Physician Trainee or Advanced Trainee Poster Prize

William He, The Alfred Hospital, VIC

Poster Title: Comparing PCSK9 inhibitor prescription rates within high-risk populations: diabetes mellitus, multi-territory vascular disease, multivessel and recurrent coronary artery disease

Judges: Matthew Worthley, Rebecca Kozor

PhD Candidate Poster Prize

Sarena La, The University of Adelaide, SA

Poster Title: Coronary Vasomotor Disorders in ANOCA Patients: insights from the CADOSA registry

Judges: Clara Chow, Christina Bursill

Cardiovascular Nursing Poster Prize

Marie-Claire Seeley, The University of Adelaide, SA

Poster Title: Autonomic dysfunction is prevalent in post-acute sequelae of Covid-19 [PASC]

Judges: Rochelle Wynne, Jeroen Hendriks

Allied Health, Science and Technology Poster Prize

Dr Jessica Orchard, The University of Sydney, NSW

Poster Title: Results of 10 years of pre-participation cardiac screening of elite athletes in New Zealand

Judges: Julie Redfern, Anna Rolleston

Heart, Lung and Circulation

Heart, Lung and Circulation's Best Review Prize

Dr Aran Kanagaratnam and Dr Sohaib Virk, Westmead Hospital, NSW

First authors : Catheter Ablation for Ventricular Tachycardia in Ischaemic Versus Non-Ischaemic Cardiomyopathy: Systematic Review and Meta-Analysis

[Link to review on HLC online](#)

International Society for Heart Research



ISHR Australasia Dinner - International Faculty
(Pictured L to R):
Prof Roger Foo, National University of Singapore;
Prof Karin Bornfeldt, University of Washington;
Prof Rong Tian, University of Washington;
Prof Tomasz Guzik, University of Edinburgh

The ISHR Early Investigator and Student Prizes



ISHR Best Postdoctoral Publication Prize
and Early Investigator Best Talk Award
**Dr Jarmon Lees, Senior Research Officer, St
Vincent's Institute of Medical Research**



ISHR People's Choice Award
**Dr Yow Keat Tham, Senior Research
Officer, Baker Heart and Diabetes Institute**



ISHR Student Investigator Finalists
pictured above (l to r)
**Amanda Croft, Joanne Ma,
Teleah Belkin, Olutope Arinola Akinnibosun**

ISHR Student Investigator Prize Joint Winners
**Olutope Arinola Akinnibosun, PhD Student, Federation University, VIC
Teleah Belkin, PhD Student, Baker Heart and Diabetes Institute, VIC**



Student Publication Prize
**Dr Louise Segan, PhD Fellow
Alfred Health**



Postdoctoral Publication Prize
Highly commended:
**Dr Holly Voges
Murdoch Children's Research Institute**

2023 CSANZ ASM OFFICIAL PHOTOS

Opening Ceremony



Pictured (l to r):
Prof Stephen Nicholls CSANZ President;
Prof Derek Chew CSANZ ASM Convenor;
Dr Sidney Lo, ANZET Convenor;
Prof Anand Ganesan, Co-Chair, Scientific
Program Committee;
Prof Emilia Benjamin RT Hall Lecturer; and
A/Prof Christina Bursill, Co-Chair, Scientific
Program Committee.

The International Speakers Dinner



Dr Hadley B Wilson, ACC President;
Dr Alan C. Yeung, Stanford University, USA



(l to r) Dr Sidney Lo, A/Prof Antony Walton, Dr Alan C. Yeung, and Dr Saibal Kar, Los Robles Medical Center, USA



Prof Carole Warnes of the Mayo Clinic, USA
Prof David Playford, CSANZ 2024 Convenor



(l to r) Dr Justin Ezekowitz - University of Alberta; Dr Stephen Greene - Duke University; Dr Benjamin Abella - University of Pennsylvania, USA



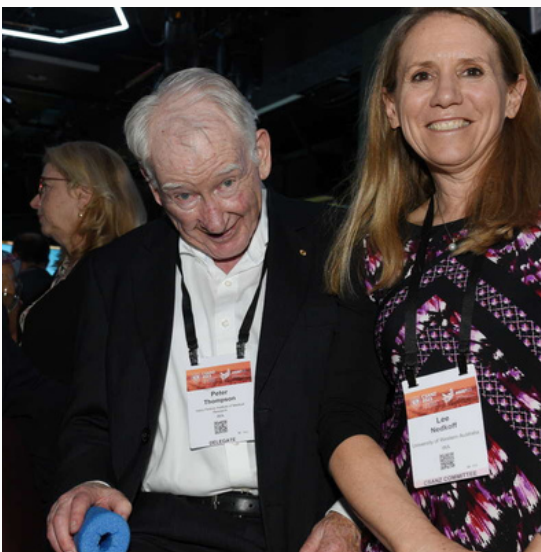
Prof Stephen Nicholls presenting award to Prof Robert Denniss for his Outstanding Service to CSANZ, 35 years as a member, and as Editor-in-Chief, *Heart, Lung & Circulation* for 10 years.

Prof Stephen Nicholls presenting Prof Garry Jennings for his dedicated service on the CSANZ Board as the Heart Foundation of Australia representative.



RT Hall of Fame

Prof Paul Nestel (1st RT Hall winner in 1965), guest, Prof Gerald Watts (2022), Prof Phil Aylward (1984) Prof Stephen Nicholls (2018)

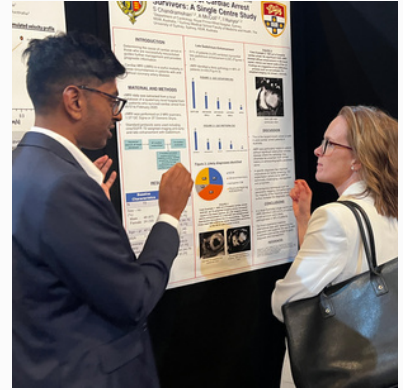
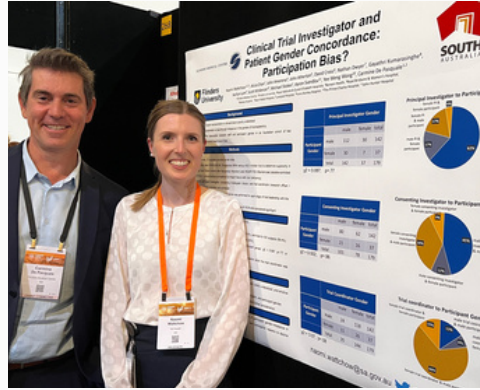
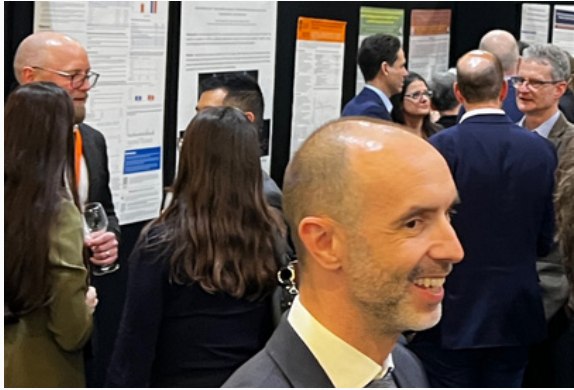


Prof Peter Thompson with Dr Lee Nedkoff



Prof Garry Jennings and Prof Bertil Lindahl, Uppsala University, Sweden

Poster Wine and Cheese and the CSANZ Cocktail Party



A/Prof Christina Bursill and Prof Anand Ganesan
Co-Chairs, Scientific Program Committee, chaired the popular final What's Hot session on Sunday.

IT'S ALL ABOUT CONNECTING



THANK YOU TO THE ANZET 2023 INTERNATIONAL FACULTY



ANZET23



Dr Alan C. Yeung, Stanford University, CA, USA
presented the Louis Bernstein Lecture:
“My 30 years Journey in the evolution of Asia-Pacific
Interventional Cardiology”



Dr Saibal Kar, MD
Los Robles Medical Center, CA, USA.



Dr Adrian Low
National University Heart Centre, Singapore



A/Prof Jennifer Tremmel
Stanford University, CA, USA



Dr Hadley B. Wilson
President, American College of Cardiology



Karen Wilson
Guy's and St Thomas' Hospitals, UK

2023 ANZET PRIZE WINNERS



GEOFF MEWS MEMORIAL ANZET FELLOWS PRIZE

Dr Hannah Kempton, St Vincent's Hospital, NSW

“TAVI-in-TAVI: Transseptal puncture and arterio-venous loop formation to cross the severely stenosed valve after early TAVI failure”.



ANZET EARLY CAREER RESEARCH PRIZE

Dr Rajan Rehan, Royal Prince Alfred Hospital, NSW

“Multi-vessel Functional Angiography increases diagnostic yield in INOCA”.



ANZET BEST INTERVENTIONAL IMAGING PRIZE

Dr Max Ray, John Hunter Hospital, NSW

“A sudden slip up - embolised sutureless aortic valve salvaged with TAVI”.

TOP TWEETS #ANZET23

A/Prof Sonya Burgess @drsonyaburgess · Aug 4
First live case at #anzet2023 with the fabulous team at John Hunter by Rohan Bagwandeen bicuspid av discussion in progress



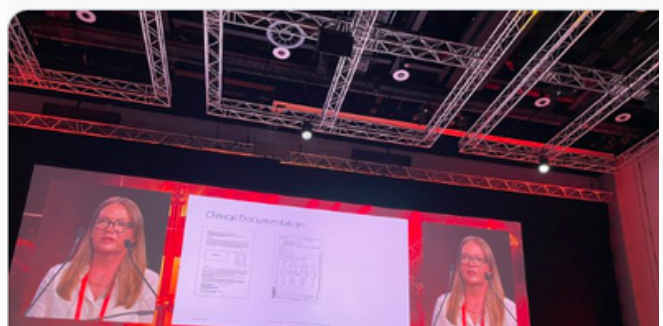
Tips and tricks from @DoctorLizShaw Ajay Sinhal, Sharad Shetty, Alan Yeung, Saibal Kar, James Sapontis, Abdul-Rahman Ildayhid at #anzet2023 and #csanz2023



Dr Ajay Sinhal presents First in Human data from the DurAVR™ THV FIH Study at the #ANZET23 #CSANZ23 conference in Australia.
#AnterisTech #TAVR \$AVR #TAVI #aorticstenosis #CSANZ2023 #ANZET23



Australasian Cardiovascular Nursing College @ACNC1 · Aug 5
Kim Bardsley - great talk on patient safety radiation doses procedures #ANZET2023 #CSANZ2023



ANZET 2023 HIGHLIGHTS

Thank you to our Live Case Hospitals

John Hunter Hospital, Newcastle, NSW
National Heart Centre Singapore
Flinders Medical Centre, SA



Great learning opportunities at the ANZET2023 workshops...



2023 ANZET 70s DINNER



SPOTLIGHT ON

DR STEPHANIE PARTRIDGE 2023 EUREKA PRIZE EMERGING LEADER IN SCIENCE

Congratulations to Dr Stephanie Partridge, who was recently awarded the 2023 Eureka Prize as an Emerging Leader in Science. This Prize is awarded to an individual scientist who has used their leadership skills to create impact, Stephanie's work has definitely been making an impact and so she has been named this year's Emerging Leader in Science.

Dr Stephanie Partridge is a National Heart Foundation Future Leader Fellow and an Accredited Practising Dietitian. She holds a Senior Research Fellow position based in the Faculty of Medicine and Health and Charles Perkins Centre at the University of Sydney.



In her role as the Lead for the Youth Well-being Stream at the Engagement and Co-design Hub, her research harnesses technology and nutrition science to improve youth wellbeing. Putting adolescent experiences at the heart of her research and advocacy, she collaborates with young people to learn how technology can help them live a healthier lifestyle. She leads a dedicated team of PhD students – Rebecca Raeside, Sisi Jia, and Mariam Mandoh – along with research support from Allyson Todd and Sara Wardak, who have all played a pivotal role in driving meaningful research impact.

Her research is supported by funding from National Heart Foundation, Medical Research Futures Fund and NSW Health, among others. With over 85 publications, her work has informed major public health policies in Australia and globally.

She is an Executive Officer of the Cardiac Society of Australia and New Zealand's Allied Health Science and Technology Council and the co-chair of the International Association for Adolescent Health Emerging Professionals Network. In 2021 she was awarded an inaugural Brilliant Woman in Digital Health by Telstra Health. The Eureka Emerging Leader in Science is the latest feather in her cap. Please join with us to congratulate Dr Stephanie Partridge.



"I am very honoured to receive this award and for the spotlight it brings to adolescent health. Adolescents are largely forgotten in heart disease prevention. We need to move towards innovative prevention solutions that actively engage young people. I am most proud of my team, particularly my PhD students, who share my vision and drive for prevention research."

2023 CSANZ Clinical Development Awardee Reports

The CSANZ Clinical Development Awards (CDA) are intended to further develop young Nursing, Allied Health or scientists through an increase in their clinical knowledge and expertise, awareness of research and evidence-based practice, and allows them to build on their professional network. Candidates applying for a CDA are not required to have an abstract accepted for presentation at the CSANZ Annual Scientific Meeting, however the award prize is intended to be used towards attending the CSANZ Annual Scientific Meeting. Each winner has been asked to provide a report of their Meeting experience. This year's CDA awardees, included two candidates, who went on to win the Young Investigator Award in their speciality. Congratulations to all.

Ria Aseniero, Registered Nurse, Cardiac Catheter Laboratory (CCL), St Andrew's Toowoomba Hospital, QLD.

I have had the great pleasure of being awarded a Clinical Development Award allowing me to experience the 2023 CSANZ ASM and ANZET Meeting in Adelaide this year. I attended the ANZET meeting that gave me exposure to new knowledge, particularly on Coronary Physiology testing (CFR and IMR) and its advantage and significance in diagnosing a group of patients with INOCA. I also attended the dynamic OCT and IVUS workshops, furthering my comprehension on coronary imaging. I reflected on how our Cardiac Cath Lab in Toowoomba has had access to both OCT and IVUS for years but due to the catch-22 of inexperience by not doing enough of these procedures collectively as a team, we can improve our skillset. The meeting has given me perspective on our knowledge gaps and how we can collectively address these through inter-professional collaboration. Working inside the four walls of the Cardiac Cath Lab can become very repetitive and isolating and the meeting gave me professional growth but also allowed shared collaboration in our physical Cath Lab team. These meetings liberate us from those walls!

Esteemed speakers both local Australians, and from across the world, (e.g. US, Singapore, Canada and Switzerland) presented relevant and emerging research data that enhances current trends and practice. For the first time, I attended the Interventional Nurses Council meeting and met nurses with profound and rich experience in such a specialised area of nursing. I enjoyed being able to connect and network with many different people and also engaging with exhibition presenters about supplies and devices, and to find out what new technology is on the horizon for Interventional Cardiology.

I am immensely grateful for being chosen to have received the Nursing Clinical Development Award. I would like to sincerely thank CSANZ for acknowledging our role as nurses in Cardiology and in this ever-growing community. It has truly been an empowering experience.

Cindy Earl, Clinical Nurse Consultant at Murrumbidgee Local Health District (NSW).

I was fortunate enough to have been chosen as one of the recipients of the CSANZ Clinical Development Awards post submission of my application. This award assisted me in being able to attend the Annual Scientific Meeting (ASM) for the first time. I am very thankful for this tremendous opportunity which has allowed me access to the latest research and best practice in cardiovascular care.

It was difficult to choose which stream sessions to attend as they were all so pertinent. Listening to the Heart failure stream sessions surrounding the relationship between the heart and the kidneys was very informative. I found the discussions around the move away from blanket fluid and salt restrictions fascinating and something that I am eager to bring up as a leader for my local teams.

Cindy Earl (continued from previous page).

One of the biggest highlights was witnessing Prof Patricia Davidson deliver the Kempson-Maddox lecture and realising that this was the first time that a nurse has ever given this lecture was both inspiring and encouraging. The poster presentations showcased the vast amount of quality improvement and research projects happening in the field of cardiology. I found them very motivating, as there were so many relevant projects that could be implemented locally in my own workplace.

By attending the ASM, I was able to connect with peers and specialists in the field of cardiovascular care. I know that these networked relationships will lead to ongoing collaboration and exchange of knowledge and ideas. This will definitely not be my last attendance at a CSANZ ASM, and having now attended I would register for both CSANZ and ANZET in future. I have encouraged my workplace peers to consider attendance at upcoming meetings as well becoming a member of CSANZ. I wish to thank CSANZ for this amazing opportunity and supporting my career development in cardiac nursing.

Wendan Shi, Nursing PhD Candidate, University of Sydney

I was so pleased to be awarded the 2023 Clinical Development Award (CDA) for Nurses and Allied Health. By attending the CSANZ ASM, I had an excellent opportunity to get to know other clinicians, researchers, experts and build up research networks, not only within one profession but more importantly with multi-site and multidisciplinary research.

This year, I submitted two first-author abstracts prior to the start of the conference and was thrilled to be accepted for both! One was presented as a finalist in the Cardiovascular Nursing Prize session, and the other, a poster. As a first-time presenter in a prize session, I was both anxious and excited about presenting my own PhD project, "Improving secondary prevention knowledge in immigrants after a heart attack: adapting and evaluating a virtual patient education resource to promote behaviour change". My wonderful and supportive supervision team and colleagues helped me to rehearse my presentation; and then, I was standing on the stage and confidently presenting my research study and answering all the questions. I was not concerned about the outcome as my goal was to deliver my research's findings and key messages to the clinicians, experts and audience in my field.

I won the Cardiovascular Nursing Prize! It was a lovely surprise and I could not have been standing there without CSANZ's support, and the support of my research team, the recruited participants and many others.

During the Meeting I connected and networked with many, and as a prize finalist, invited to attend the Future Leaders Mentors Dinner, giving me more opportunity to meet and talk with leaders in their field. These discussions focused on mentor guidance and future career advice, highly valuable for me as a nurse and a final year PhD candidate. It was great to attend an in-person Meeting, after COVID-19 restrictions, again adding great value through direct interactions and engagement with other colleagues and peers while presenting my research work. Enabling the opportunity to explore innovative ideas in both research and clinical practice, understanding the latest educational interventions applied to promote health behaviour change and secondary prevention in patients with cardiac diseases and seek opportunities for future collaborations.

Finally, I would like to sincerely thank CSANZ for acknowledging our role as nurses as well as a higher degree in research (HDR) student in Cardiology and this ever-growing community.

Development Awardees (cont)

Dr Nicola Straiton, Nursing Research Institute, St Vincent's Health Network Sydney, St Vincent's Hospital Melbourne & Australian Catholic University

Thank you to the CSANZ for awarding me the Clinical Development Award, which granted me the opportunity to attend the 2023 CSANZ Annual Scientific Meeting. The impact of this award on my professional development and its contribution to my clinical practice and research have been truly transformative.

Attending the 2023 CSANZ Annual Scientific Meeting was an experience that exceeded all my expectations. It provided me with an invaluable platform to engage with experts and thought leaders in the field of cardiovascular health. The exchange of knowledge, discussions, insightful presentations, and participation in interactive workshops not only deepened my understanding of the latest advancements but also equipped me with evidence-based practices and innovative approaches to address the ever-evolving needs of individuals with cardiac conditions. The impact of this new knowledge on my clinical practice has already been notable, enabling me to provide enhanced patient care and improve outcomes for my patients.

Two highlights: the inspiring Prof Patricia Davidson deliver the Kempson Maddox Lecture on "The working life of a nurse: challenges, opportunities, and gratitude".

The second, attending the lecture on "Multimorbidity and consequences following cardiac surgery" delivered by Prof Julie Sanders, was an enlightening experience. Prof Sanders' extensive expertise in cardiovascular clinical research and her dedication to understanding the complexities of recovery after cardiac surgery, including morbidity and patient-reported outcomes, truly shone through in her presentation. It was a privilege to gain insights from her wealth of knowledge and experience in this vital area of healthcare.

Immersing myself in the vibrant and collaborative scientific community exposed me to cutting-edge research and provided me with the opportunity to explore potential collaborations. These interactions have inspired further investigations in the field of cardiovascular nursing, and I am excited to share that my research has taken new directions, aiming to contribute to the advancement of cardiovascular healthcare.

I would like to extend my gratitude to the Clinical Development Award Selection Committee, your support has not only allowed me to grow as a healthcare professional but has also enabled me to make meaningful contributions to the field. I am truly honoured to have received this award, and I am committed to continuing my dedication to CSANZ and its values.

In closing, I want to express my deepest appreciation for this incredible opportunity and the lasting impact it has had on my career. I look forward to continuing my journey in cardiovascular nursing with renewed passion and knowledge.

2023 CSANZ Clinical

Miss Tina Thompson, Clinical Nurse Consultant, Genomic Medicine Department, The Royal Melbourne Hospital, VIC

In August, I was fortunate to attend the CSANZ Annual Scientific Meeting in Adelaide, with the support of a Allied Health Clinical Development Award from the CSANZ.

I work in a multi-disciplinary service which sees people with a suspected or known heritable cardiac condition for assessment, family screening and/or genetic testing. As the field of Genomics continues to develop, we look forward to seeing new and innovative ways to use Genomics to improve health. With the increase in the demand for genetic consultation, it was heartening and motivational to listen to both Australian and International speakers talk of their clinics, findings, research outcomes and lessons learned within their service and hospitals at this year'. Seeing the integration of Genomics into the scientific program, along with imaging, arrhythmia & EP and heart failure streams was wonderful. I was particularly interested to see the talks that highlighted the importance of phenotyping patients, the role of genetic testing in sudden death, when to initiate testing or indications for such, possible outcomes of testing, gene elusive families and importantly, tales of caution.

There was a strong theme of the need to initiate genetic testing within the scaffolding of a multi-disciplinary clinic – those with the expertise for pre-test counselling, pathology and lab support and the value of a curation scientist and qualified genetic staff to interpret and deliver results. Consideration of where to store results, understanding that genetic test results are often 'dynamic' were messages shared many times over.

During the breaks there were opportunities to speak with referring doctors about services, answer questions about clinic initiated versus commercial testing, ways to collaborate, possible research projects, answer practical questions and hear crucial feedback from a user perspective. Attending the Cardiovascular Genetics Council Symposium to hear first-hand the inroads or options on the horizon for our 'gene elusive' families created a feeling of hope and possibility.

The presentations during the Genetics prize session were impressive and importantly I was able to attend the Cardiovascular Genetics Council AGM as a member of one of the biggest Cardiac Genetics clinics in Australia.

Aside from professional development, I had the opportunity to listen to some non-genetic lectures. One highlight was the RT Hall Lecture by Emelia Benjamin. Her message of 'not leaving anyone behind' was powerful and sobering. Prof Benjamin's talk has inspired our clinic to look at our cohort to ensure we are fulfilling the clinic ethos of equity and access to care. Her commentary around improving health literacy was another take home message. How do we ensure people know how to access services? Do people understand what they are forgoing if they decline the offer of an appointment? How do we simplify our messaging?

Although the highlights were many, being present to support and witness our hardworking colleague, Dr Stacey Peters win the Ralph Reader Clinical Prize for her work on environmental factors that influence the natural history of genetic cardiomyopathy was one of the best. This followed on from Professor Patricia Davidson's Kempson Maddox Lecture – the first time a nurse had been given the opportunity to deliver this lecture. It was a morning of deserved success and the recognition of nurses as an integral part of the CSANZ.

Thank you again to the Cardiac Society of Australia and New Zealand for this financial support. It has been gratefully and graciously accepted.

Development Awardees (cont)

Mr Samuel Turnbull, Cardiac Physiologist, Westmead Hospital/ Westmead Applied Research Centre, NSW

I am a cardiac physiologist and research affiliate with Westmead Hospital and Westmead Applied Research Centre, The University of Sydney, and was afforded the privilege of receiving one of this year's Clinical Development Awards for Nursing and Allied Health for the CSANZ ASM in Adelaide, for which I am very appreciative to CSANZ.

This marked my first attendance to a CSANZ ASM and provided an experience that I will hold in high regard, with notable highlights including the various seminars and presentations by cardiology leaders, the presentation of my own work, and the opportunities stemming from discussions with clinical research colleagues.

The seminars and works presented by our esteemed local and international speakers were engaging, educational and inspiring, being catalysts for promoting ideas of studies, projects and collaborations.

I was fortunate to have my submitted abstract selected for presentation in the Allied Health, Science and Technology Prize Session. I presented my work in the investigation of the utility of smartphone-based single-lead ECGs for the diagnosis of various cardiac arrhythmias and was honoured to be awarded the Allied Health, Science and Technology prize.

It was an invaluable opportunity to be able to attend the CSANZ Future Leaders Mentoring Dinner. This event was an excellent experience, being able to meet and talk with field leaders in a relaxed, sociable environment, where they were able to impart pragmatic and helpful career advice and recount their own professional experiences.

Since attending the CSANZ ASM, I have already been able to share with my team unique learnings, actionable items and research ideas that I was able to obtain and develop through meeting attendance and the interactions with peers.

Thank you to CSANZ, A/Prof Saurabh Kumar, Prof Clara Chow and Dr. Timothy Campbell for their support and I look forward to attending the next CSANZ ASM.



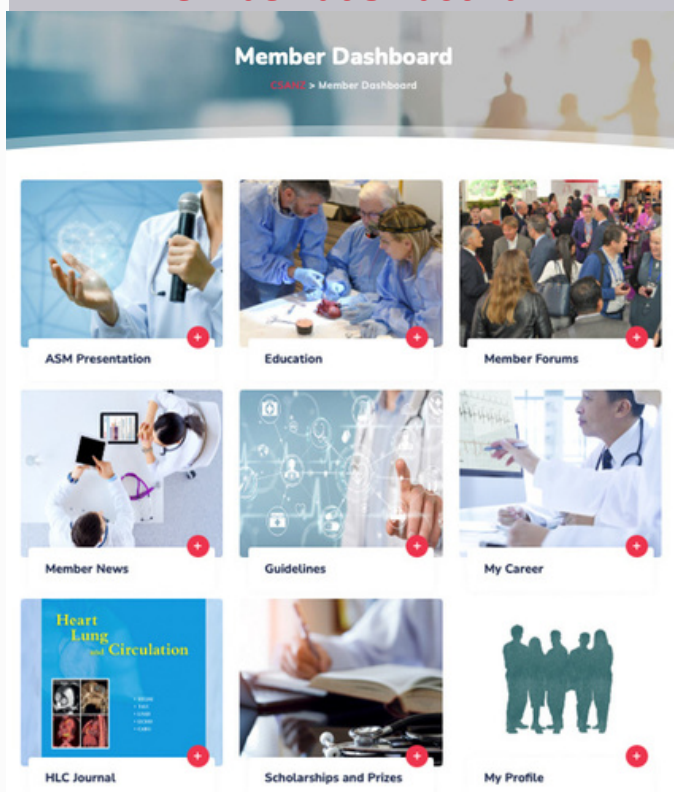
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Update your membership contact details and check billing

NOTES FOR THE DIARY 2023

(Blue - Australia / NZ Meetings Green - International Meetings)

2023

October 6 - 9 Oct 2023 : HFSA 2023 Heart Failure Scientific Meeting, Cleveland, OH
9 - 11 Oct : Echo Australia Conference 2023, Gold Coast, QLD

November 9 - 11 Nov : ANZSCTS ASM 2023, Wellington NZ
10 - 13 Nov : AHA 2023, Philadelphia PA

2024

February 16 - 17 Feb 2024 : Four Corners of Cardiology (4CCC), Melbourne VIC

April 6 - 8 April : ACC.24, Atlanta, GA

June 5 - 8 June : 2024 Heart Meeting & EXPO, Port Douglas, QLD

August 1 - 4 August : 2024 CSANZ ASM / ANZET, Perth WA
30 August - 2 Sept : ESC Congress 2024, London UK

On the Pulse Magazine

For information regarding submissions for *On the Pulse* please email the CSANZ office at info@csanz.edu.au

Views expressed in *On the Pulse* are not necessarily the views of the Cardiac Society of Australia and New Zealand or its Board.



Will Parsonage
Editor

NEW FELLOWS AND MEMBERS

The Society extends a warm welcome to all new Fellows and Members admitted from May-Aug 2023

FELLOWS

Dr Reza Aghamohammadzadeh (NZ), Dr Matthew Burrage (QLD), Dr Alexander Elder (NSW), Dr Hisham Hallani (NSW), Dr Bijan Jahangiri (QLD), Dr Nicholas Jackson (NSW), Dr Maryam Khorramshahi Bayat (QLD), Dr Robert McIntosh (NZ), Dr Gwilym Morris (NSW), Dr William Peverill (QLD), Dr Jamie Voss (NZ)

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