

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_koczwarra

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)

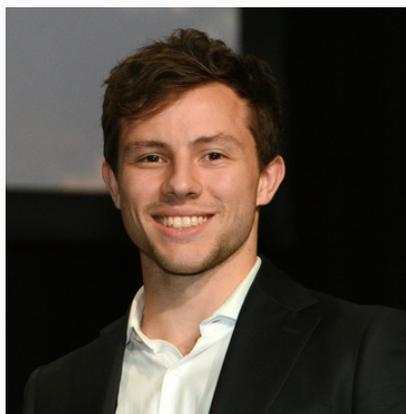
Dr Michael Seman, Cardiologist, Monash University, VIC

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

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



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.

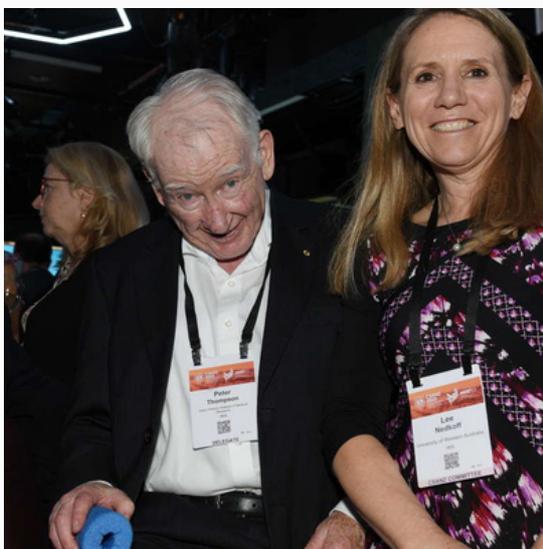


Prof Stephen Nicholls presenting Prof Garry Jennings for his dedicated service on the CSANZ Board as the Heart Foundation of Australia representative.



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)

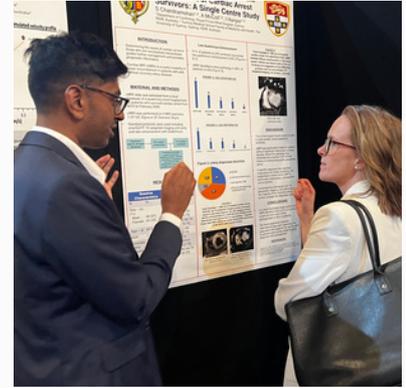
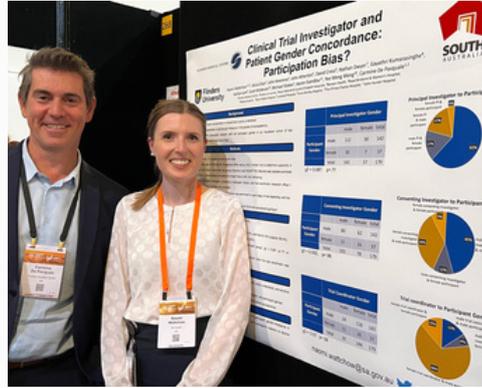
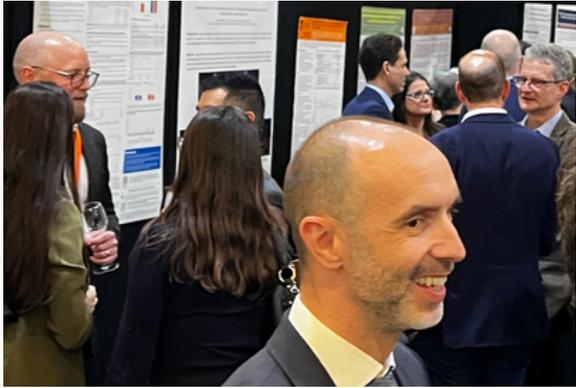


Prof Peter Thompson with Dr Lee Nedkoff



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.

