



The Cardiac Society
of Australia and
New Zealand

on the pulse

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President's Report 2017

Delivered by Professor Mark Webster

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The first issue to address is the Annual Scientific Meeting. The 2017 Annual Scientific Meeting in Perth has been an outstanding success. The organising committee deserve our heartfelt congratulations. Planning is well underway for next year's meeting, which will be held in Brisbane. A key issue that has had recent discussion is the relationship between the CSANZ ASM and the ANZET meeting. The ANZET Organising Committee has proposed that in Brisbane ANZET runs concurrently with the Society ASM, a change to current practice. Added together, both meetings presently take over 6 days. Few attend both, because it is too long away from home and other commitments. The Board has accepted the proposal in principle, subject to consideration of the budget, particularly around the registration and sponsorship costs.

Members should be aware that, following a competitive tender process, three of five subsequent ASMs (2019, 2021 and 2023) will be held in Adelaide. The organising committee will still rotate between states, as currently occurs. The tender process achieved a substantial financial saving for the Society. The ASM is the flagship event hosted by the Society. It is both an important place of interaction between members, and a major contributor to the Society's financial wellbeing. We need to be constantly focussed on controlling the costs of the meeting, and ensuring that it makes a consistent profit. This will likely become more challenging in the future with industry consolidation and increasing regulatory constraints around industry support. The 2020 meeting will be in Auckland, provided the convention centre currently under construction is completed in time. It will be good to head back to New

Zealand as it is some time since the meeting was last there.

A key Society initiative, led by Len Kritharides and held for the first time in 2016, was the American College of Cardiology In-Training Exam. There were some concerns expressed by trainees about the risk / benefit ratio of taking the exam, specifically whether supervisor knowledge of the results might adversely affect future career prospects. Any concerns of the 22 trainees who took the exam were allayed by the individual results going only to the trainee. The trainee, their supervisor and the Board received the aggregated Australian results. As a group, Australian trainees performed above the international average, which is a strong achievement given the limited lead-in time for the exam last year, and some of the questions being more specific to US than to local practice. We have been cautious in introducing this exam, making it very much focussed on being an educational experience. Those who take it have the added bonus of access to educational material from the ACC. This year the exam will be held on 17 and 18 October; 27 trainees have already registered from most Australian states and from New Zealand. I think that the exam is gaining traction, and is adding real value to advanced training in cardiology. The Society has made a three-year commitment to implementing the exam, with a review after that time. My hope is that it will become usual business.

A review of the CSANZ governance structure was undertaken when Andrew MacIsaac was President. It was elected to retain a large, 24-member Board to ensure representation across regions and

interest groups (and perhaps avoid some of the problems recently afflicting the Royal Australasian College of Physicians). Day-to-day decisions are made by a formalised Executive Committee comprising the President, Past-President or President-Elect, Honorary Secretary, Honorary Treasurer and Executive Officer. The Executive Committee meets monthly by teleconference and has virtual contact on those issues that come up between meetings. This structure has worked well over the last year. While it may appear from the outside that little has changed, members can be assured that the Society is being efficiently run.

The HeartOne CPD Program continues to be championed by Richmond Jeremy. The Board was presented with a proposal for an app-based version of HeartOne to enhance member uptake and engagement of our CPD programme, particularly by our younger colleagues, and to facilitate electronic interaction with all that the Society has to offer. This presentation led to the Board considering wider issues around the Society's IT requirements, including related matters such as databases and how to better engage with our members, including our trainees. An IT committee will be formed to lead this effort.

The Australasian Cardiac Outcomes Registry (ACOR) continues with a procedures and devices registry. It has some government funding although this is currently under review. One important issue going forward is how ACOR might better function as an umbrella connecting organisation between established state registries. Increased support from some states is a key issue for the future.

Funding for transcatheter aortic valve implantation (TAVI) and for left atrial appendage occlusion (LAAO) on the Medicare Benefits Schedule will commence from 1 November. A Conjoint Committee between CSANZ and the Australian and New Zealand Society of Cardiac and Thoracic Surgeons (ANZSCTS) is in the process of being established for TAVI accreditation. Part of the accreditation process will be the mandatory collection of procedure and outcome data in a national registry, hopefully ACOR.

The Society journal, *Heart Lung and Circulation*, continues to thrive under the editorship of Robert Denniss, with two milestones having recently been reached: the manuscript rejection rate is now 75

per cent, and the impact factor has increased to over 2.0.

The Quality Standards Committee under Derek Chew has developed a framework for collaboration with the Heart Foundation on the development of joint guidelines. Credible guidelines require rigour with regard to management of conflicts of interest and assessment of the scientific evidence. A comprehensive guideline can cost in excess of \$200,000 to develop, so regularly-updated guidelines on all topics are beyond our resources. We must carefully choose those guidelines which are of greatest interest and importance to the Society. The ACC and ESC have well-developed guideline processes, and the ESC in particular is open to our involvement in writing some of their guidelines. It may be best that for some guidelines we work with other societies, and adapt their guidelines to Australian and New Zealand conditions, perhaps by writing a supplementary local position statement.

This raises our wider interactions with other societies, in particular the ACC and the ESC. We are fortunate to have Jeroen Bax, the President of ESC, and Mary Walsh, the President of ACC, at the Perth meeting. I believe that this is the first time we have had the presidents of both major international societies at our meeting, and it indicates a willingness on their part to increase collaboration with us on multiple fronts, as well as a reflection of their regard for scientific excellence in the region. This year ESC provided three speakers for the meeting program, in addition to Jeroen Bax. The Society is very grateful for that support. Members are encouraged to provide feedback on how we should further develop collaboration with the ESC and ACC.

It is with deep regret that I note the passing of the following Members: Dr Chi-Lam Fung (FCSANZ SA), Dr Rupert Graff (Ordinary Member QLD), Dr Patrick Groenestein (FCSANZ NSW), Dr Ronald Lewis OAM (FCSANZ NSW), Dr Edwin Nye (Ordinary Member New Zealand), Dr David Pritchard (Ordinary Member QLD), and Professor Frederick Simpson (Fellow and Life Member New Zealand).

On a happier note, I would like to pass on congratulations to the following members who have received honours over the past year:

Australia Day Honours

Dr Graeme Sloman (AO) ED for distinguished service to medicine particularly to the specialty of cardiology, as a clinician, through advisory roles with a range of medical organisations, and to the community.

Professor Chris Semsarian (AM) for his significant service to medicine in the field of cardiology as a clinician, administrator and educator, and to the community.

Queen's Birthday Honours

Prof Hamid Ikram (ONZM) for services to cardiology and education.

Prof Stephen MacMahon (AO) for distinguished service to medical research at a national and international level, through advancements in the treatment of hypertension, stroke and diabetes, and to improving health outcomes for disadvantaged

populations.

Prof Peter Macdonald (AM) for significant service to medicine in the field of heart transplantation and cardiovascular research, and to medical education.

Dr David Coles (OAM) for service to medicine and to rowing.

Dr Robert Craig (OAM) for service to medicine as a cardiologist

A/Prof Ron Dick (OAM) for service to medicine as a cardiologist.

Presentation to the ASM Organisers

The scientific meeting in Perth has been an outstanding success with 1236 paid delegates, 1669 attendees and 780 abstract submissions.

I would like to congratulate the Meeting Convenor Brendan McQuillan, the Chair of the Scientific Program Committee Carl Schultz, Livia Hool and Daniel Green for their hard work in preparing the ASM and meetings.

CSANZ Board August 2017



Front row (L-R): Paul Bridgman, Sally Inglis, Aravinda Thiagalingam, Robert Denniss, Clara Chow, Mark Webster, Andrew MacIsaac, Stephen Nicholls, Len Kritharides

Middle Row (L-R): Andrew McGavigan, David Brieger, Matthew Worthley, Richmond Jeremy, Luke Galligan, Jenny Deague, Martha McCall

Back row (L-R): Will Parsonage, Sudhir Wahi, Stephen Duffy, Derek Chew, Jodie Ingles, Jon Kalman

2017 R T Hall Prize - A/Professor Yves D'Udekem

The R T Hall Prize is the most prestigious research award of CSANZ and recognises the achievements of senior and established investigators. The winner of the 2017 R T Hall Prize is A/Prof Yves D'Udekem in recognition of the outstanding breadth and depth of his research work, especially in the context of a demanding clinical load, as a paediatric cardiac surgeon. A/Prof D'Udekem spearheaded the Australian and New Zealand Fontan Registry as its Founder and Chair, which has been a world-leading research initiative.

A/Prof D'Udekem is a paediatric heart surgeon at Royal Children's Hospital, senior research fellow at Murdoch Children's Research Institute, as well as, Professor of Paediatrics at the University of Melbourne. He has acquired international leadership as an academic surgeon in the field of paediatric cardiac surgery.

The Australian and New Zealand Fontan Registry was conceptualised by A/Prof D'Udekem as a database in 2009 to collect patient-level outcomes of this population, so as

to refine all aspects of treatment and care, and provide these patients with the best opportunities for long and healthy lives.

Through A/Prof D'Udekem's vision and direction the Fontan Registry has become the largest database of its kind in the world and is now recognised and cited at every scientific meeting as providing the most cutting edge advances to Fontan patients in this field.

A/Prof D'Udekem's singular vision of fine-tuning all aspects of care for Fontan patients, and building research capacity through collaboration to pursue this goal, has been impressive, as well as, his training of a "next generation" of academic cardiac surgeons. His passion and ongoing dedication to pursue the best long-term outcomes for this highly vulnerable patient population is extraordinary.

The 2017 R T Hall Prize was presented to Associate Professor Yves D'Udekem at the CSANZ Annual Scientific Meeting in Perth.
[A/Professor D'Udekem joins an illustrious group of past winners.](#)



Mark Webster
presenting Yves D'Udekem with the
2017 R T Hall Prize

CSANZ Prizes and Scholarships

The following prizes and scholarships have been awarded through the year and also at the 2017 Annual Scientific Meeting:

2017 CSANZ Research Scholarship

- **Dr Ramanathan Parameswaran**, Melbourne Health, VIC
- **Dr Akshat Saxena**, University of Sydney, NSW

The CSANZ Travel Grants

To attend the **AHA Scientific Sessions** in New Orleans, Louisiana, 12–16 November, 2016, were awarded to:

- **Dr Jonathon Fanning**, The Prince Charles Hospital, Brisbane, QLD
- **Dr Melissa Lee**, Department of Paediatrics, University of Melbourne, VIC

To attend the **ACC Meeting** in Washington, DC, 17-19 March, 2017, were awarded to:

- **Dr Anoop Koshy**, Box Hill Hospital, Melbourne, VIC
- **Dr Nitesh Nerlekar**, MonashHeart, VIC

To attend the **ESC Congress** in Barcelona, Spain 26-30 August, 2017, were awarded to:

- **Dr Belinda Gray**, Centenary Institute, Royal Prince Alfred Hospital and University of Sydney, NSW
- **Dr Thanh Ha Nguyen**, University of Adelaide & Queen Elizabeth Hospital, SA
- **Dr Katrina Poppe**, University of Auckland, New Zealand

To attend the **2017 EuroHeart Care Congress** in Jönköping, Sweden from 18-20 May, 2017. This was the inaugural awarding of the travelling fellowship, offered to nursing and allied health affiliate members

- **Susie Cartledge**, Alfred Hospital, VIC

CSANZ Affiliate Clinical Development Awards

Nursing:

- **Kerry Ann Creevey**, Flinders University, SAHMRI and Flinders Medical Centre, SA
- **Erin Horgan**, MedCentral Health, Palmerston North, New Zealand
- **Angela McCosker**, Sunshine Coast University Hospital, QLD
- **Joanne McGillion**, Health Care, VIC

Non-Nursing:

- **Rebecca Perry**, Flinders University, SAHMRI and Flinders Medical Centre, SA
- **David Youssef**, The Children's Hospital, Westmead, NSW

Thank you to reviewers:

Thanks to the many judges who assist, not only at the ASM, but in assessing the various scholarships and travel grants which are awarded throughout the year. They do a wonderful job and the Board is extremely grateful for their time and contribution.



**2017 Affiliate Nursing Prize Winner
Kai Jin**

The University of Sydney, NSW

Acculturation is associated with higher prevalence of cardiovascular disease risk factors in Chinese immigrants in Australia: Evidence from a large Australian cohort

Judges: Anna Stromberg, Will Parsonage, Carolyn Astley



**2017 Allied Health Prize Winner
Leah Wright**

*Menzies Institute for Medical Research/
Baker Heart and Diabetes Institute*

Pulmonary Arterial Hypertension and outcome; How does baseline RV function compare to sequential follow up for predicting outcome?

Judges: Michael Joyner, Julie Redfern, Robyn Gallagher, David Playford



2017 Affiliate Nursing Prize Finalists
Kai Jin (Winner),
Muaddi Alharbi, Elizabeth Curtis,
Prof Robyn Gallagher (Cardiovascular
Nursing Lecturer), and Janet Bray



2017 Allied Health Prize Finalists
James Crowhurst,
Leah Wright (Winner),
Jordan Laggoune and Kurt Smith

**Ralph Reader Prize - Basic Science
Section (Joint Winner)**

Loan Le

Westmead Hospital, NSW

Telomerase Reverse Transcriptase Over-Expression Enhances Human Cardiac Progenitor Cell Cardiac Regeneration After Myocardial Infarction

**Ralph Reader Prize - Basic Science
Section (Joint Winner)**

Inken Huttner

Westmead Hospital, NSW

A zebrafish model of a human titin-truncating mutation exhibits spontaneous, age-dependent and load-exacerbated, dilated cardiomyopathy

Judges: Len Kritharides, Murray Esler, Joseph Hill, Salvatore Pepe



Loan Le
**Ralph Reader Prize - Basic Science
Section (Joint Winner)**



Inken Huttner
**Ralph Reader Prize - Basic Science
Section (Joint Winner)**



Abdul Rahman Ihdayhid
Monash Heart
Ralph Reader Prize – Clinical Science Section

Diagnostic Performance of CT Derived Fractional Flow Reserve using Reduced Order Modelling and CT Stress Myocardial Perfusion Imaging for Detection of Haemodynamically Significant Coronary Stenosis

Judges: Andrew MacIsaac, Stefan Neubauer, Robert Graham, Justin Ezekowitz, Chris Reid

Heart Lung and Circulation

Heart Lung and Circulation Best Review Prize (2017)

The prize is an early career award given to an eligible first author of the best review paper published in print in HLC in the previous calendar year.

Winner: Julie Sze

"Cardiac Troponin and its Relationship to Cardiovascular Outcomes in Community Populations – A Systematic Review and Meta-analysis."

Inaugural Heart Lung and Circulation High Impact Award for an Original Article

This paper has had the most citations, most downloads and the highest altmetric score-to-date of any original article published in a 2016 print edition of HLC.

Winning paper: *"High Intensity Interval versus Moderate Intensity Continuous Training in Patients with Coronary Artery Disease: A Meta-analysis of Physiological and Clinical Parameters."*

Authors: Kevin Liou, Suyen Ho, Jennifer Fildes, Sze-Yuan Ooi

Congratulations

The Society extends congratulations to the **2017 ASM Poster Prize** winners:

Quan Huynh, The Menzies Institute for Medical Research, TAS, Affiliate Poster Prize Winner for *"Echocardiographic predictors of cognitive impairment in heart failure."*

Judges: Sally Inglis and Jodie Ingles

Clare Arnott, Royal Prince Alfred Hospital/The University of Sydney, NSW, General Poster Prize Winner for *"Selective Pulmonary Vasodilator Therapy and Improved Survival in Eisenmenger Syndrome- The ANZ CHD-PAH Registry."*

Judges: Jenny Deague and Stephen Duffy

CSANZ ASM 2017 Highlights



Welcome to Country



Brendan McQuillan, Convenor
opens the CSANZ 2017 ASM



Carol Pollock
Gaston Bauer Lecturer



Stefan Neubauer
delivering the R T Hall Lecture

CSANZ ASM 2017 Highlights



Bob Graham delivers the Kempson Maddox Lecture
The mysteries and enigma of spontaneous coronary artery dissection



Stuart Jamieson
delivers the Victor Chang Lecture
Early experience with transplantation



Jon Kalman, Chair CSANZ Scientific Committee,
Murray Esler, Basic Science Lecturer
and Livia Hool, President ISHR



Sally Inglis, Chair CSANZ Cardiovascular
Nursing Council presenting
Robyn Gallagher, as the Cardiovascular
Nursing Lecturer

CSANZ ASM 2017 Highlights



Justin Ezekowitz, John Teerlink and
Mary Walsh, ACC President,
at the International Speakers Dinner



Brendan McQuillan, Ciara Mundow, ESC
Head of Global Affairs, and Jeroen Bax, ESC
President



Sally Inglis and Anna Strömberg
at the International Speakers Dinner



Gemma Figtree, Brendan McQuillan,
Livia Hool and Chris Hagemeyer
at the Emerging Leaders Mentor Dinner



Delegates at the Opening Session



Leo Mahar, Andrew MacIsaac and Stephen
Duffy at the International Speakers Dinner

CSANZ ASM 2017 Highlights



Carl Schultz, Chair, Scientific Program Committee with Mark Webster



Delegates enjoying the Cheese and Wine Poster Session



Clara Chow, Brendan McQuillan and Julie Redfern at the President's Reception



David Playford, Chris Semsarian and Danny Green at the International Speakers Dinner



Emerging Leaders Mentor Dinner

Congratulations to ISHR Prize Winners



Livia Hool, President I SHR,
My-Nhan Nguyen,
ISHR Student Investigator
Prize Winner
and Jim Bell

Livia Hool with
Darnel Prakoso,
Student Mini Oral Presentation
Prize Winner,
and Jim Bell



Livia Hool with
Matthew Chu,
Student Free Communication
Presentation Prize Winner
and Jim Bell

ANZET17



Jim Stewart and Ravinay Bhindi
Opening ANZET17



Horst Sievert delivers the
Louis Bernstein Lecture



Live Case from Fiona Stanley
Hospital, Perth



Live Case from Cedars Sinai
Medical Centre, Los Angeles



Audience enjoying the Live Cases



Vinnie Bapat, International Speaker from
Guys and St Thomas' Hospital, London

ANZET17



Jim Stewart at the Tokyo Underground Gala Dinner



Enjoying the Tokyo Underground Gala Dinner

Ravinay Bhindi and Justin Davies with the *2017 Geoff Mews Memorial ANZET Fellows' Prize* Finalists
Heath Adams,
Abdul Rahman Ihdayhid (Winner)
and Rajinder Singh



2017 Interventional Nurses Council-Terumo Clinical Case Presentation Award

Kevin White (finalist),
Eva Kline-Rogers, International Affiliate Speaker, and
Nicola Straiton (Winner)



R T Hall Prize 2018

Call for Nominations

Nominations are invited for the 2018 R T Hall Prize of the Cardiac Society of Australia and New Zealand (CSANZ). The Prize is the most prestigious research award of CSANZ and recognises the achievements of senior and established investigators. The Prize is awarded in open competition and is directed towards recognition of sustained and outstanding research achievement.

The value of the R T Hall Prize will be AUD 10,000.

ELIGIBILITY

- The R T Hall Prize will be awarded to **an individual investigator** for a coherent body of work, which advances knowledge of the cardiovascular system and its diseases. In exceptional circumstances, the Prize may be awarded to a small group for an outstanding contribution in the field of cardiology.
- The work must have been published in a scientific journal or journals.
- The investigator **MUST** be a Member of CSANZ and the work must have been substantially undertaken in Australia or New Zealand.

NOMINATIONS

The nomination package should include the following:

- a letter of nomination from a Member of CSANZ outlining the significance and impact of the nominee's work
- confirmation from the nominee that they wish to be considered for the Prize
- a two page CV to include a list of the nominee's top five publications from the past five years

Nominations will remain for consideration for three years without the requirement to re-submit.

The nomination package should be emailed to the
Honorary Secretary at: info@csanz.edu.au

**Closing date:
5 pm Friday 3 November 2017**

The Society reserves the right not to proceed with an award for any reason. Applicants requiring further information are requested to contact the CSANZ at info@csanz.edu.au or phone +61 2 9226 7900. If email confirmation of receipt of the nomination is not received within 1 week of submission, please contact the CSANZ at info@csanz.edu.au. [Click here for a list of Previous R T Hall Prize Recipients.](#)

Registry Update



At this year's ANZET and Annual Scientific Meetings (ASM) held in Perth, ACOR had a booth in the Exhibition which was staffed by Grace O'Donohue, Project Manager, SAHMRI and Lynne Portelli, Project Manager, ACOR.

We had a number of visitors interested to understand more about the registries, the data that is being collected and what the process was to sign up. For those who are new to ACOR, it was an initiative of the Cardiac Society of Australia and New Zealand commencing with the Cardiac Procedures Registry (CPR) which has been funded by generous donations from the CSANZ and ANZET. Subsequently, ACOR successfully tendered for a contract with the Department of Health (DOH) for the Cardiac Devices Registry (CDR). That contract finishes on 31 December 2017 and although the DOH was initially interested in combining the registries, its lawyers were unable to resolve issues around IP and ownership and so this is no longer being considered. The contract is currently undergoing an external review, the outcome of which we expect to hear very soon.

In the meantime, ACOR and SAHMRI are busy developing and building a registry for TAVI. Many will know that MSAC has approved an item number for TAVI which will be available from 1 November this year and the Registry will be available to allow operators to contribute data which will be required by the Accreditation Committee.

Whilst we have had some staff changes at SAHMRI, the transition has been very smooth and ACOR is working with the new team to revise the Client Services Agreement (CSA) with a view to removing the legal obstacles which have been the cause of extensive delays and legal review at site level. Of course, the CSA is a contractual requirement with the DOH and therefore our hope is that the Department will consider the benefits of a simplified CSA. Let's hope so.

At this year's ANZET meeting there was a session on Registries. Speakers were A/Prof David Muller, Prof David Brieger and Dr Chris Nunn. All three presentations are available at: <https://webcast.gigtv.com.au/Mediasite/Catalog/catalogs/anzet-2017-admin> or Prof Brieger's talk at <http://acor.net.au/updates/>

Support is provided to all Registry contributors via the SAHMRI helpdesk. We are keen to encourage participation from all eligible hospitals of all types in all areas. If you would like to make further enquiries please contact the SAHMRI helpdesk on 1300 725 272 or ACOR-registry@sahmri.com or ACOR on 02 9226 7994 or info@acor.net.au

Affiliate Clinical Development Award Report

I attended the 2017 CSANZ conference this year in Perth, through the generosity of the Clinical Development Award provided by the CSANZ. I am very grateful, as I would have been unable to attend without assistance and I found the conference very beneficial. I have been able to immediately incorporate the knowledge I gleaned into my clinical practice.

As I work as a chronic cardiac nurse practitioner within the Mater health campus, with special focus on heart failure, arrhythmia and hypocholesterolemia, I found many sessions valuable.

I have listed some of the highlights below:

The session on heart failure models of care and update on clinical practice chaired by Peter Mac Donald and presented by Professors Simon Stewart and Mary Walsh were relevant and evidence based. It was emphasised the importance of ensuring our clinical care and Patient' education were aligned with the guidelines, but to remember it is prudent to ensure we apply them appropriately to the patient in front of us at the time.

Arrhythmia and heart failure, particularly atrial fibrillation, with the rapid remodelling and loss of cardiac output, as presented by Jonathan Kalman and Jamie Vandenberg were the most riveting for me. I am currently screening patients admitted to our hospital with newly diagnosed AF or AF and CCF and providing them on education re stroke risk, anticoagulant therapy and symptom monitoring. I felt reassured the education and clinical care our cardiology team are providing, is up-to-date with the guidelines and recommendations in arrhythmia management and screening.

Exercise, obesity and atrial fibrosis, as presentation by Dennis Lau, was very informative and appropriate as we tackle the challenges of an ever-increasing obesity and metabolic syndrome. The importance of moderate regular exercise even if overweight will reduce the risk of AF by 8%. A 15% weight loss will reduce fibrosis and inflammation that lead to AF. This is relevant and useful information for not only our patients, but also community members to reduce cardiovascular disease.

Renal disease and heart failure presented by Carol Pollock and Diabetes and renal disease presented by Richard O'Brien were very enlightening. I felt able to incorporate their knowledge into enhancing management of our patients with kidney disease. Whilst we adjust their diuretics and ace inhibitors, the importance of monitoring their renal function was emphasised. Improving understanding of when is the beneficial time to reduce or cease ace inhibitors dependent on the patients' eGFR is very helpful.

I also enjoyed the opportunity to meet with clinicians from a variety of cardiac practices and have been amazed at their continued passion and dedication to improving the lives and clinical practice of our patients.

Thank you again for the opportunity to participate in this conference.

Kerry Ann Creevey
Chronic Cardiac and Heart Failure Service/
Mater Adult Hospital, Brisbane

Affiliate Clinical Development Award Report



This year I was one of the recipients of the Affiliate Clinical Development Award, which enabled me to attend the CSANZ Annual Scientific meeting in Perth.

I had submitted an abstract to present which I was fortunate enough to have accepted as a mini-oral presentation. My abstract was entitled "Late Characterisation of Cardiac Effects Following Anthracycline and Trastuzumab Treatment in Breast Cancer Patients" and demonstrated that the need for cardiac imaging in stable breast cancer patients after 12 months is not necessary as chemotherapy cardiotoxicity develops prior to this point. I felt that my abstract was well received and evoked some great discussion points afterwards with the audience.

As well as my abstract presentation I was lucky enough to attend some fantastic sessions, with my main focus being echocardiography. One of the highlight presentations for me was a presentation called "Systolic and diastolic function – what we measure and why" by Dr

Gillian Whalley. Her presentation was excellent and gave a timely reminder of what should be measured and the limitations of these measurements. Another great presentation was "Stress, strain or filling pressures" by Professor Tom Marwick. He is always such a great speaker and so knowledgeable about strain, introducing a new concept that I am interested in known as myocardial work which looks to have a great research and clinical application.

I am extremely grateful to the CSANZ for the support to attend this great meeting and a hearty (no pun intended!) congratulations to the scientific organising committee for a fantastic meeting.

Rebecca Perry
NHF Post-Doctoral Fellow, Flinders University
Cardiac Imaging Research Group, SAHMRI
Dept of Cardiovascular Medicine
Flinders Medical Centre, SA

Affiliate Clinical Development Award Report

I was pleased to receive the Affiliate Clinical Development Award to attend the 2017 CSANZ Annual Scientific meeting in Perth this August. Thank you to the Cardiac Society of Australia and New Zealand for providing affiliate members with this generous support which enables us to develop our knowledge and network with colleagues in our field.

My focus as a heart failure nurse was to both consolidate and enrich my knowledge on current and future therapies for this chronic health issue. The opportunity to hear both international and Australian presenters who have been involved in previous research or are leading current trials was invaluable. I also made a point of viewing the many posters and listening to the mini oral presentations particularly those by nurses, with the intention of showcasing the work from our clinic in the future.

With so much on offer, it was often difficult to decide which sessions to attend. I have given a brief description of a couple of presentations that I think will most inform my practise over the next year.

We have commenced many of our HFREF patients on the new "wonder drug" Entresto, the first in class angiotensin neprilysin inhibitor agent. It was valuable to attend the Novartis breakfast session, "Lessons learnt about ARNI, recent publications and practical use". Up titrating this medication can be a challenge due to symptomatic hypotension, so listening to some of the tips to achieve maximum doses was helpful.

Our clinic is also participating in the GALACTIC trial, looking at omecamtiv mercarbil as an adjunct therapy for HFREF. Dr John Teerlink from the USA explained the trial will aim to enrol 8000 symptomatic chronic heart failure patients across 800 sites in 34 countries. This novel cardiac myosin activator improves contractility without changes in intracellular calcium in cardiac myocytes, so does not increase myocardial

oxygen demand. It would be used in addition to current evidence based prognostic medication.

It is well known that frailty is a factor in how heart failure patients respond to and tolerate therapy. Complex frailty tools are used when this group of patients are being assessed for invasive treatments such as LVADs. I found very useful the presentation by Walter Abhayaratna on simple assessments for frailty. These could be employed in the practice setting, even to help inform if we should push harder with medication up titration. It was shown that we can easily misjudge a patient as frail or not and that a few simple tests can help with decisions regarding the most appropriate course of treatment.

The meeting provided so many opportunities to inform my care and network with like-minded colleagues. Thank you again to the Society for offering this award and if it continues to be made available, I would encourage nurses to apply and attend next year's conference in Brisbane.

*Joanne McGillion
Nurse Team Leader
Heart Care Victoria*

Affiliate Clinical Development Award Report



I would like to express my sincere gratitude to the Cardiac Society of Australia and New Zealand for awarding me an Affiliate Clinical Development Award to attend the 2017 CSANZ Annual Scientific Meeting in Perth, Western Australia. This generous support meant I was also able to attend the Structural Heart Nurses Symposium and ANZET meeting, which were held in Perth in the same week.

Wonderful programmes for all the meetings provided stimulating presentations which enabled me to update my knowledge across a variety of areas. Oral presentations and posters were another great source of clinically relevant information, giving ideas for future audit and research in my own area of practice.

It was particularly inspiring to attend sessions by leading cardiac nurses from the international arena. Eva Kline-Rogers, Cardiac Nurse Practitioner, shared "Lessons learned from 30 years of Research and Quality Improvement" with practical examples of how patient-centred nursing is a powerful force for positively impacting on health outcomes in every sphere. Her key messages accumulated from a rich and wonderful career are applicable and transferable to any area of nursing.

It was another highlight to be able to listen to Robin Gallagher's Cardiovascular Nursing Lecture on "What Next for cardiac rehabilitation". As a Clinical Nurse Specialist responsible for a nurse-led Post PCI Clinic, I found her insights into this area of cardiac nursing and her challenge to ensure what is being undertaken is effective, to be extremely thought -provoking and motivating.

Several sessions provided valuable updates around assessing frailty in cardiac patients. Practical tools for determining the degree of frailty and interventions that may assist in improving the patient's status prior to surgery are amongst many ideas that I look forward to sharing with my colleagues back home in the future.

I found it extremely uplifting, that throughout all the meetings I attended, there was a strong emphasis on the importance of **every** member of the cardiac team in providing optimal care for the patient and there was a very collegial and respectful attitude accorded to the role of cardiac nursing.

Once again, I am grateful to the CSANZ for this wonderful opportunity to develop my own clinical practice and I look forward to sharing new information and skills in my workplace.

*Erin Horgan
Clinical Nurse Specialist
MidCentral Health
Palmerston North, New Zealand*

Paediatric & Congenital Council Travelling Fellowship Reports



I am grateful to the Cardiac Society of Australia and New Zealand for awarding me a Paediatric & Congenital Council Travelling Fellowship to attend the 7th World Congress of Paediatric Cardiology and Cardiac Surgery in Barcelona, Spain.

As a senior nurse working in Paediatric Cardiology it was an extremely beneficial experience to attend this international congress.

I have been working as a research nurse in echo screening for Rheumatic Heart Disease for the last three years. I was fortunate to be given the chance to present an oral abstract on behalf of our research team with the results of our study looking at the utility and reproducibility of a three reviewer echo reporting system for the diagnosis of mild Rheumatic Heart Disease using the World Heart Federation Criteria.

It was a fantastic opportunity to present our research in this international forum and it was a valuable experience undertaking my first presentation at a conference. I particularly appreciated comments and feedback following my presentation from local and overseas colleagues.

The comprehensive conference program provided a unique educational opportunity to

hear presentations from worldwide leaders in specialties. I attended many interesting and inspiring talks, particularly in the field of Rheumatic Fever and also in my other area of work, Cardiac Catheterisation. It was also extremely beneficial to meet and network with international colleagues working in similar fields.

Following the congress I was able to feedback to colleagues within the paediatric cardiology department at Starship on knowledge I gained from the conference.

Thank you to the Cardiac Society of Australia and New Zealand for this award, assisting me in being able to attend this congress.

*Elizabeth Tilton
Clinical Specialty Nurse
Paediatric Cardiac Investigations
Starship Hospital, Auckland, New Zealand*

Paediatric & Congenital Council Travelling Fellowship Report



I had the privilege of attending the World Congress of Paediatric Cardiology & Cardiac Surgery held in Barcelona this year as a recipient of the CSANZ Paediatric & Congenital Council Travelling Fellowship. I would like to thank the Cardiac Society of Australia and New Zealand for this significant opportunity.

The award enabled me to travel and present on behalf of the ANZ FONTAN Registry, work completed looking at the survival and outcomes of Adult Fontan patients in the Adult Congenital Heart Disease Session. It was a fantastic opportunity to showcase the work completed in the region and field a number of questions pertaining to our work. Moreover, follow up discussions post the presentations, assisted in the refinement of the final manuscript. I was also able to represent work on behalf of authors from our team at Royal Prince Alfred Hospital who could not attend the conference.

Throughout the conference I attended a number sessions mainly, but not completely



limited to, adult congenital heart disease. The complexity of breadth of conditions and interventions covered was impressive. Importantly it provided an opportunity to compare and contrast management of particular conditions with our local practices. The imaging sessions were of particular interest to me, with a standout presentation completed on holography and its application to congenital heart disease.

One of the highlights was the ability to meet a number of clinicians from the UK, US and Canada and discuss research projects and opportunities in these locations. Despite being a large conference, all participants were easily approachable and this gave a sense of community. On the whole, I found the conference very worthwhile and I am extremely grateful for CSANZ supporting me in my attendance.

*Mark Dennis
Royal Prince Alfred Hospital,
Sydney, NSW*

Affiliate Clinical Development Award Report

Before taking the trip across to Perth for the 'CSANZ 17' I thought I would arm myself with local knowledge. So I sought the advice of a trusted advisor 'Google'. Two interesting facts, which were later confirmed by locals, were: 'Perth is the sunniest Capital and has the biggest number of self-made Millionaires secondary to mining industry'. With that knowledge in hand arriving into Perth I learnt the first was true, except for the days of the CSANZ. I had not been to this part of Australia and having arrived on Friday morning in time for the morning sessions, it was wet and damp. Luckily Sydney was the same so I was prepared.

The first session I attended was of two colleagues who had presented on: SCAD (Spontaneous Coronary Artery Dissection) and the second were on the use of monoclonal antibodies in the use of Haemolytic Uraemic Syndrome diagnosed in Adult by Cardiology Trainee James Xu from Liverpool. Both of these mini-oral presentations set the groundwork and foundation of what would be an exciting 3 days. HUS was not unfamiliar to me in the paediatric population; however this was quite unique presentation in the adult population.

One of the most fascinating talks of the afternoon session was given by Prof Antoon Moorman on the atrial embryology. He described the pulmonary venous system and the interatrial septum development from myocardial phenotype. His research explored the myocardial phenotype and its impact on the occurrence of arrhythmias originating from the pulmonary myocardium. Definitely an area of Cardiology to keep an eye on as we attempt novel treatments to potentially stopping the development of arrhythmias.

With the first day coming to close I sought the local's advice about the state of food affairs, and to 'Petition' we went. It was Friday night, pouring rain and yet the place was buzzing. It's a fusion of restaurant, wine bar and pub. It had Sydney waiting times - approx. 3 days but with some local kindness we got a table and tasted the

local delicacies. The wine was a lovely addition to the meals.

The following morning was an early start for the breakfast sessions and opted to attend the Clinical Science stream. One of the presentations on the COLPLAST-ACS study by an AT from RPA provided some very interesting data on prospective observational study utilising colchicine in patients with ACS. It provided a possibility of stabilising plaque morphology with colchicine's anti-inflammatory properties. A randomised double blind trial is currently underway.

Brain soaked in cardiovascular knowledge I took my first opportunity to explore Perth city. I explored the shops including Margaret River chocolate store, the fashion strip and also walked around Elizabeth Quay. By the then the Sun had decided to grace Perth city and it was amazing. I walked along the Swan River and across the river I was amazed at some of these self-made Millionaires Mansions' - although I thought some of these were warehouses, I was wrong.

The Gala dinner on the Saturday night was 'Beach Theme' with Lifeguards directing us to remain between the flags there was culinary diversity of Perth seafood and wines. 'The Beach Boys' could be heard as we entered the room and the backdrop of the Margaret River, became the local watering hole. The atmosphere was absolutely amazing and the concept a wonderful way to meet and mingle.

Overall the CSANZ 17 highlighted some exciting, interesting and riveting segments in the future of cardiology. The work of CSANZ committee and all the presenters was definitely felt and it was truly wonderful to see that Cardiology's future is strong and evident. Truly grateful for the committee providing me with this opportunity in learning about the work our adult colleagues are currently performing.

*David Youssef
Children's Hospital Westmead, Sydney*

Paediatric & Congenital Council Travelling Fellowship Report



The 2017 WCPCCS conference offered its attendees many things other than world-class presentations on the latest innovations in cardiology and cardiac surgery. We were privileged to enjoy a European city in the summertime, boasting gravity-defying architecture and amazing Iberian cuisine.

I was lucky enough to attend this conference in the beautiful city of Barcelona, which was made possible with a generous Travelling Fellow Scholarship from the Cardiac Society of Australia and New Zealand. I presented on a simplified approach to echocardiographic screening for rheumatic heart disease in Timor-Leste, as a part of the rheumatic heart disease

stream. Echo screening and active case detection of rheumatic heart disease can be advocated for in high disease prevalence settings. This is especially true if a faster, simplified approach can be just as effective in detecting cases. This screening project was something that I was privileged to be involved with while working as a paediatric registrar in Timor-Leste.

I primarily attended talks in the rheumatic heart disease and humanitarian streams. These streams involved many inspiring presentations by leaders in their field. The amount of work being done around the world in low and middle income countries to improve access to cardiology and cardiac surgical services is a huge source of motivation for someone like me with an interest in global health.

I would like to thank the CSANZ for this scholarship that made it possible for me to attend this conference.

*Kimberly Davis
Royal Darwin Hospital, NT*



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NORTH AMERICA

AHA17

11–15 November, 2017

Anaheim, California

www.scientificsessions.americanheart.org/

ACC18

10–12 March, 2018

Orlando, Florida

accscientificsession.acc.org/

CSANZ2018

2–5 August, 2018

Brisbane, QLD

Contact details:

The Conference Company

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meetings and events can be viewed
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EUROPE

ESC Congress 2018

25–29 August 2018

Munich, Germany

www.escardio.org

ASIA PACIFIC

ACHD 2017

30 November–2 December, 2017

Queenstown, New Zealand

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