



on the *pulse*

President's Report 2018

Delivered by Professor Mark Webster

Volume 30, No 3

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Paediatric & Congenital Council Travelling Fellowship Reports

The Annual Scientific Meeting is a key activity of the Society, and the main opportunity for members to get together each year. This year's meeting has been an outstanding success, with a record number of abstracts submitted and accepted. I wish to particularly acknowledge the contributions of Sudhir Wahi (Convenor), John Atherton (Scientific Program Chair), and Livia Hool (President of ISHR). It's a huge amount of work organising the meeting.

This year we trialled a change in format, with the Society ASM and ANZET run concurrently. This was something of an experiment, and we look forward to receiving member feedback on how well it worked. We shall also review the financial aspects, as there are issues around sponsorship income with combined versus separate meetings. For those of us who attended both meetings, having a shorter duration was certainly an advantage, and the number who registered for both was many more than in the past. We plan to run the ASM and ANZET concurrently again next year, and review at that stage the format for subsequent years.

Planning for next year's ASM is already underway. It will be held in Adelaide and hosted by the Victorian Regional Committee. The Convenor is Stephen Duffy and the Chair of the Scientific Committee is Tom Marwick, so the meeting organisation is in very safe hands. The 2020 ASM will be in Auckland, with Mayanna Lund, current Chair of the New Zealand

Committee, as Convenor. The new Auckland venue has half risen out of the ground, and we are confident that it will be completed in time.

To better understand future venue requirements, we have obtained more comprehensive data from this year's meeting. One simple thing was recording how many attend each session, and what the room requirements are for each session. We also want more sophisticated feedback following the meeting, to better understand what's working well and what needs to be improved. I encourage all of you to provide that feedback. We are also undertaking a wider review or how the ASM structure and content might evolve in the future, because the meeting is only part of how we engage with members and how members interact. The future will almost certainly require different ways of doing things.

The Society supports smaller "special interest group" meetings. The inaugural Adult Congenital Heart Disease meeting, convened by Tim Hornung and Clare O'Donnell, was held in Queenstown last November. From the feedback that I've had, it was a great success and they are planning to hold it again, also in Queenstown, in late 2019. The Cardiovascular Genetics meeting was held in May this year in Brisbane, and was another scientific and financial success. The third Indigenous Cardiovascular Health Conference will be held in Wellington in June 2019, adjacent to the New Zealand regional ASM. The Society is

very aware that cardiovascular health outcomes in indigenous populations remain worse than those of other groups in both Australia and New Zealand, and there is still much to do to facilitate the research careers of indigenous clinicians and academics. It is seven years since the last conference, and I strongly encourage members to support this meeting.

The Society has become involved with accreditation, which is a new endeavour. A company called Cardiac Accreditation Services Limited (CASL), jointly owned by CSANZ and the Australian and New Zealand Society of Cardiovascular and Thoracic Surgeons (ANZSCTS), was formed to provide TAVI accreditation from 1 November 2017. This committee was tasked by the Department of Health with the accreditation of cardiologists and cardiac surgeons who wished to undertake TAVI and claim reimbursement under the TAVI item number. One requirement of accreditation was participation in a national TAVI procedure registry, which has been established under the auspices of ACOR. A new conjoint committee has also been established, in collaboration with the Royal Australian and New Zealand College of Radiologists, for cardiac MRI accreditation, from 1 May 2018, and starting with accreditation of existing providers. It is likely that requests from government to oversee accreditation of practitioners will increase in the future.

The Department of Health has also supported development of a national cardiac registry, with

\$300,000 initial seed funding to facilitate interaction of and data aggregation from the established registries for cardiovascular procedures. The government have requested that governance be by CSANZ and ANZSCTS. The interim structure for this is CASL. A steering committee is being established with representation from all the state registries.

A highlight of this ASM was the presentation, with simultaneous publication, of two major clinical guidelines developed in collaboration between the CSANZ and the National Heart Foundation of Australia. The Quality Standards Committee, under Derek Chew, was closely involved and I congratulate John Atherton and David Brieger for their leadership of the heart failure and atrial fibrillation guidelines, respectively.

The Advanced Training Committee, under Len Kritharides, was key to implementing the ACC in-training exam in 2016, when 22 advanced trainees sat the exam. There were concerns from trainees about how widely the results would be disseminated and whether this might adversely affect their future career prospects. Each individual's results goes only to the trainee, with aggregate results disseminated more widely. This has helped reassure those undertaking the exam that the intent is to identify gaps in knowledge, and facilitate self-directed learning. Last year 38 trainees sat the exam, with a wider distribution of states and New Zealand involved. It will next be held on 23 and 24 October, 2018. Apart from



CSANZ 3rd Indigenous Cardiovascular Health Conference 2019

12 - 13 JUNE 2019, INTERCONTINENTAL HOTEL
WELLINGTON, NEW ZEALAND, WWW.ICH2019.COM

providing a formal assessment of cardiology knowledge, something not specifically addressed during advanced training, those taking the exam have access to dedicated on-line ACC educational material.

Since its inception, the HeartOne CPD program has been led by Richmond Jeremy, who completes his term as Chair of the CPD Committee this year. Of relevance, the Medical Board of Australia has recently reviewed CPD. There is now a requirement for everyone to have a CPD professional development plan, and the need to do 50 hours per year across various parameters including performance review, outcome measurement and educational activities. Those can all be undertaken and documented within HeartOne. The need for everyone to have a CPD home provides an opportunity for that home to be outside of the Royal Australasian College of Physicians, something not hitherto possible. Although it's still early days, this is a time of change and of opportunity. As we explore this further, I wish to acknowledge the extraordinary contribution that Richmond has made in getting HeartOne up and running.

The Board recently formed the IT Strategy committee, with Clara Chow as Chair, with a wide-ranging brief to look at all Society IT matters. This has not been an area of coordinated focus in the past. The Expression of Interest (EOI) for the committee has led to an excellent group with a wide range of complementary IT skills, including recruiting some younger Society members. A similar EOI process will be extended to other Society committees.

One person who has made a contribution above and beyond the call of duty is Michael Feneley, who coordinated the Society response to the MBS review. This 60-page document, incorporating extensive feedback, represents a huge amount of work and a great effort on behalf of the Society.

Heart, Lung and Circulation under the editorship of Robert Denniss continues to do well. There's been a recent special issue on sports cardiology. The atrial fibrillation and heart failure guidelines are published online and will be in print in September

and October, respectively, which will hopefully be good for the journal's impact factor. A sudden cardiac death and ventricular arrhythmia issue will be coming out in 2019.

Another new initiative of the past year has been a refreshed CSANZ logo. This is only the third Society logo, with the last change about 20 years ago. The key elements of the previous logo – kangaroo, kiwi and heart – have been retained, but with a simplified outline and a new Garamond font. The new logo comes in two versions: the traditional horizontal configuration, and a simpler square format.

It is with deep regret that I note the passing of the following members: Dr Allan Calvert from New South Wales; Dr Brian Haluska from Queensland; and Dr Dudley Jacobs from New South Wales.

On a happier note, a number of members have been recognised in both the Australia Day and Queen's Birthday Honours:

Professor Jonathan Kalman AO, until recently the Chair of the CSANZ Scientific Committee, has been recognised for distinguished service to medicine, particularly in electrophysiology;

Dr Roger Mee AO for service to medicine as a cardiothoracic surgeon;

Dr Fred Nasser OAM for service to the field of cardiology; and

Dr Noel Bayley AM for service to medicine in the field of cardiology and to the diagnosis of the treatment of heart disease in Timor-Leste.

In addition, **Dr Bo Remenyi** was named **2018 Northern Territory Australian of the Year** for her work in the early detection, diagnosis and treatment of rheumatic heart disease, as well as her advocacy for the community she serves. Congratulations to those outstanding colleagues.

Finally, I have completed my two-year term as President and Len Kritharides is now taking over in the role. Len has already made major contributions to the Society, and I am confident will provide outstanding leadership in a time of evolution and change.

2018 R T Hall Prize



The 2018 R T Hall Prize was awarded to **Professor Stephen Nicholls** who is globally regarded as one of the leaders in the field of dyslipidemia, plaque imaging and cardiovascular clinical trials. His ability to coordinate large numbers of collaborative research partners in multicentre clinical trials has established him as arguably Australia's leading cardiovascular clinical trialist. He has an unequivocal international standing. Prof Nicholls has also demonstrated a major commitment to supervision and mentoring.

LIFE MEMBERSHIP

A/Professor Andrew MacIsaac was awarded Life Membership of the Society in recognition of his outstanding contributions to the Society serving on numerous committees including Chair of the Victorian Regional Committee (2000-2003), Chair of the Interventional Council (2007-2013) and as President of the Society from 2014-2016.



HONORARY MEMBERSHIP



Jeroen Bax, European Society of Cardiology President, was awarded CSANZ Honorary Membership in recognition of his outstanding contribution to the CSANZ Annual Scientific Meeting and to cardiology education and research in Australia and New Zealand.

CONGRATULATIONS



Presentation to
Sudhir Wahi
(2018 ASM Convenor)
and
John Atherton
(2018 ASM Program Chair)
by Mark Webster





R T Hall Prize 2019

Nominations are invited for the 2019 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 2 November 2018**

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.

CSANZ Prizes and Scholarships

The following prizes and scholarships have been awarded through the year and also at the 2018 Annual Scientific Meeting:

2018 CSANZ Research Scholarship

- **Ms Ling Zhang**, University of Sydney
- **Dr Siddharth Trivedi**, Westmead Hospital

2017 CSANZ-Boehringer Ingelheim Cardiovascular Research Innovation Grant

- **Dr Jodie Ingles**, Centenary Institute
- **Dr Xiaowei Wang**, Baker Heart and Diabetes Institute

2018 CSANZ-Bayer Career Development Travelling Fellowship

to attend the 2018 Singapore Cardiology Society Annual Scientific Meeting

- **Dr Xiaowei Wang**, Baker Heart and Diabetes Institute

2018 CSANZ-Bayer Young Investigator Research Grant

- **A/Prof Saurabh Kumar**, Westmead Hospital
- **Dr Lining Arnold Ju**, Heart Research Institute

CSANZ Travel Grants

To attend the **AHA Scientific Sessions** in Anaheim, California, 11-15 November, 2017 were awarded to:

- **Dr Louis Wang**, Victor Chang Cardiac Research Institute
- **Dr Jocasta Ball**, Baker Heart and Diabetes Institute

To attend the **ACC Meeting** in Orlando, Florida, 10-12 March, 2018, were awarded to:

- **Dr Rebecca Perry**, Flinders University
- **Dr Mayooran Namasivayam**, St Vincent's Hospital, Sydney

To attend the **ESC Congress** in Munich, Germany, 25-29 August, 2018, were awarded to:

- **Dr Abdul Ihdahid**, MonashHeart, Monash Medical Centre
- **Dr Hashrul Rashid**, MonashHeart, Monash Medical Centre, VIC
- **Dr Karla Santo**, The George Institute for Global Health

To attend the **2018 EuroHeart Care Congress** in Dublin, Ireland, from 7–9 June, 2018, was awarded to:

- **Kai Jin**, The University of Sydney

2018 CSANZ Affiliate Clinical Development Awards

Nursing:

- **Susie Cartledge**, Deakin University
- **Kathryn Frawley**, Alfred Hospital
- **Renata Surnak**, The Queen Elizabeth Hospital

Non-Nursing:

- **Rene Johnson**, Victor Chang Cardiac Research Institute
- **Daniel Tardo**, Victor Chang Cardiac Research Institute

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.

Heart Lung and Circulation

Heart Lung and Circulation Best Review Prize (2018)

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: Sandeep Prabhu for
"Atrial Fibrillation and Heart Failure - Cause of Effect?"

Commended:

Sameer Arora for:
"Transcatheter Versus Surgical Aortic Valve Replacement in Patients with Lower Surgical Risk Scores: A Systematic Review and Meta-Analysis of Early Outcomes"

Cecilia Chi for:
"Diabetes Medications and Cardiovascular Outcomes in Type 2 Diabetes"

Thi Yen Loan Le for:
"New Developments in Cardiac Regeneration"

Christopher X. Wong for:
"Epidemiology of Atrial Fibrillation: The Australian and Asia-Pacific Perspective"

High Impact Award 2018 (Citations):

Sameer Arora, Paula D. Strassle, Cassanda J. Ramm, Jeremy A. Rhodes, Satyanarayana R. Vaidya, Thomas G. Caranasos and John P. Vavalle for:
"Transcatheter Versus Surgical Aortic Valve Replacement in Patients With Lower Surgical Risk Scores: A Systematic Review and Meta-Analysis of Early Outcomes"

High Impact Award 2018 (Downloads and On-Line Attention):

Andreia Noites, Carla Patricia Freitas, Joana Pinto, Cristina Melo, Agata Vieira, Anibal Albuquerque, Madalena Teixeira, Fernando Ribeiro and Jose Mesquita Bastos for:
"Effects of a Phase IV Home-Based Cardiac Rehabilitation Program on Cardiorespiratory Fitness and Physical Activity"

Congratulations

Congratulations are extended to the following members who have been awarded a **2018 CSANZ ASM Travelling Fellowship** to attend the meeting in Brisbane, Queensland. *Dr Benedict Costello*, Baker Heart and Diabetes Institute (VIC); *Dr Sarah Gutman*, Baker Heart and Diabetes Institute (VIC); *Dr Danielle Harrop*, Princess Alexandra Hospital, Brisbane (QLD); *A/Prof Lisa Kuhn*, Monash University, (VIC); *Mrs Jessica Orchard*, University of Sydney (NSW); *Mr Paul Peacock*, Nelson Marlborough District Health Board, (New Zealand); *Dr Rebecca Perry*, Flinders University (SA); *Dr Elizabeth Potter*, Baker Heart and Diabetes Institute (VIC); *Dr Pierre Qian*, Westmead Hospital (NSW); *Ms Jintana Tongpeth*, Flinders University (SA); *Dr Prasanna Venkataraman*, Baker Heart and Diabetes Institute (VIC); and *Ms Courtney Weber*, The University of Western Australia (WA).

Amendment to CSANZ Constitution regarding retirement

The following Motion was put to CSANZ members to amend the provisions for retirement as detailed in Clause 7.3 of the CSANZ Constitution, to clarify the criteria to be eligible to continue membership of CSANZ without payment of annual subscriptions.

7.3 Retirement

Long-standing members of at least 10 years who advise the Society that they have retired from clinical practice and have terminated their professional registration and are no longer required to undertake CPD will be eligible to continue their membership of the Society without payment of annual subscriptions.

This amendment to the CSANZ Constitution was passed by the members at the Annual General Meeting held on 4 August, 2018, at the Brisbane Convention and Exhibition Centre.

CSANZ Board August 2018



Front row (L-R): Aravinda Thiagalingam, Clara Chow, Luke Galligan, Chris Semsarian, Tom Gentles, Sally Inglis, Derek Chew, Martha McCall

Middle Row (L-R): Jodie Ingles, Richmond Jeremy, Mark Webster, Robert Dennis, Matthew Worthley, Andrew McGavigan

Back row (L-R): Mayanna Lund, Garry Jennings, Len Kritharides, Stephen Duffy, David Brieger, Will Parsonage, Sudhir Wahi

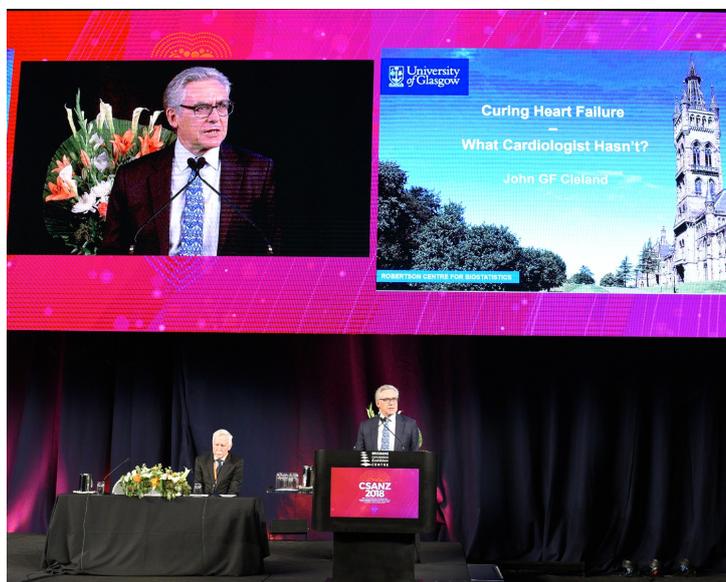
CSANZ 2018 Highlights



Welcome to Country



Sudhir Wahi, CSANZ 2018 Convenor
Opens the meeting



John Cleland delivers the RT Hall Lecture



Mark Webster, CSANZ President,
and John Cleland, 2018 RT Hall Lecturer

CSANZ 2018 Highlights



Anushka Patel, Kempson Maddox Lecturer



David Celermajer delivers the Gaston Bauer Lecture



Judith Finn, Cardiovascular Nursing Lecturer with Sally Inglis, Chair CV Nursing Council



David James, Basic Science Lecturer with Karlheinz Peter and Livia Hool



Patrick Perier delivers the Victor Chang Memorial Lecture

CSANZ 2018 Highlights



Delegates enjoying the President's Welcome Reception including Caleb Ferguson, Phil Newton and Sally Inglis



Brisbane Cardiology Registrars



Baker Heart and Diabetes Institute delegates



Members from Tasmania



Heart Foundation Booth



Poster session

Mini Oral session



An Evening at the Art Gallery



Andrew To, Mayanna Lund and Clare O'Donnell



ESC delegation with Robert Denniss



Gemma Figtree, David Kass and Perry Elliott



Mollie Walker, Laetitia Hughes and Ashay Shah

International Speakers Dinner



Andy Kates, John Rumsfeld and William Wang



Edward Gerstenfeld, Leo Maher, Prash Sanders, Jon Kalman and Sami Viskin



Sandhir Prasad and Sudhir Wahi



Oliver Stumper, Ben Anderson and Jack Rychik

Congratulations 2018 Ralph Reader Finalists and Winners



**2018 Ralph Reader Prize –
Clinical Science Section Finalists**
Pierre Qian, Sarah Gutman and
Ben Costello

*Judges: Anushka Patel, John Cleland,
Richmond Jeremy, Andrew Kates,
Will Parsonage*

**2018 Ralph Reader Prize –
Basic Science Section Finalists**
Jerrett Lau, Louis Wang and Sujitha
Thavapalachandran

*Judges: David Kass, Lea Delbridge,
Julie McMullen, David Celermajer,
Salvatore Pepe*



2018 Ralph Reader Prize Winners –
Pierre Qian, Basic Science Section
Sujitha Thavapalachandran, Clinical Science Section

Congratulations to all Prize Winners and Finalists



Courtney Weber, 2018 Allied Health Science and Technology Prize Winner
Finalists: Jenna Taylor, Rita Hwang and Stephen Foulkes
Judges: Clara Chow, Jim Sallis



2018 Cardiovascular Nursing Prize Finalists
Carolyn Astley (Winner), Louise Hickman, Sheila Bacus and Glenn Paul
Judges: Nancy Albert, Garry Jennings, Lis Neubeck, Jeroen Hendriks, Mary Boyde



2018 Heart Failure Prize Finalists
Fernando Telles & Rebecca Perry (Joint Winners)
Saranya Hariharaputhiran and Jia Yi Anna Ne
Judges: William Abraham, Andrew Sindone



2018 Heart Rhythm Prize Finalists
Matt O'Connor, Dhani Dharmapriani (Winner), Adam Lee and Chrishnan Nullah
Judges: Mark McGuire, Rukshen Weerasooriya



2018 Genetic Diseases Prize Winner
Laetitia Hughes
Finalists: Jay Ramchand, Samantha Barratt Ross and Jia Ying Isaac Tay
Judges: Perry Elliott, Diane Fatkin, & Julie McCaughran



2018 Imaging Prize Finalists
Abdul Rahman Ihdayhid (Winner), Lauren Guidicati, Natalie Edwards and Karthigest Sree Raman
Judges: Bogdan Popescu, Sudhir Wahi & Liza Thomas

Congratulations to all Prize Winners and Finalists



2018 CSANZ-Bayer Young Investigator Research Grant awarded to Saurabh Kumar
by Mark Webster and Nelson Ambrogio, Bayer Pharmaceuticals Australia & New Zealand General Manager



2017 CSANZ Boehringer Ingelheim Cardiovascular Research Innovation Grant awarded to Jodie Ingles
by Mark Webster and Andrew Taylor (Head of Marketing) & Petra Moroni-Zentgraf (Medical Director) Boehringer Ingelheim



2018 Preventative & Clinical Cardiology Prize Winner Nicole Lowres
Finalists: Danielle Harrop, Bora Nadlacki and Xiaoyue (Luna) Xu
Judges: Robyn Clark, David Hare, Geoff Tofler



2018 Paediatric and Congenital Cardiology Prize Joint Winners Kate Jardine and Claire Lawley
Finalists: Bradley Macdonald
Judges: Jack Rychik, Clare O'Donnell, Gavin Wheaton



2018 ISHR Best Oral Presentation awarded to Johannes Janssen
by Jim Bell and Livia Hool, ISHR President



ISHR Distinguished Scientist Award presented to David Kass by Livia Hool (ISHR President) and Lea Delbridge and Sal Pepe (ISHR Past Presidents)

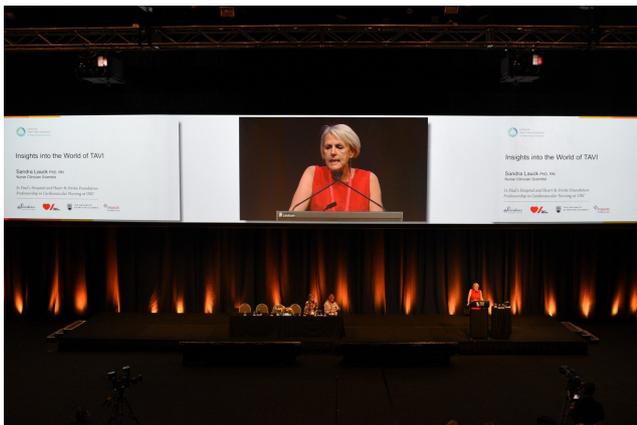
ANZET18 Highlights



**Jim Stewart and Sharad Shetty
open ANZET18**



**David E Kandzari, *Louis Bernstein Lecturer*
with Jim Stewart**



**Sandra Lauck
St Paul's Hospital
Vancouver, Canada**



**Ik-Kyung Jang,
Innovations in Cardiology Lecturer,
with Michael Nguyen and Peter Barlis**



Popular Wet Lab Sessions

ANZET18 Highlights



Ben Wilkins
2018 Geoff Mews Memorial
Fellows' Prize Winner
with Sarah Zaman and David Kandzari



Julia Stehli
2018 Early Career Research Prize Winner
with Jim Stewart



Delegates enjoying the ANZET Gala Dinner



Membership Changes and Additions

The following changes and new admissions to Membership occurred at the May and August 2018 Board meetings. The Society extends a warm welcome to all.

Affiliate Members

Dr S Allida (NSW), Mrs P Archer (QLD), Dr S Aria (WA), Mrs S Bacus (NZ), Ms S Barratt Ross (NSW), Miss M Biddulp (QLD), Dr M Boyde (QLD), Miss F Brennan (QLD), Mr D Candelaria (NSW), Mr C Casey (QLD), Ms M Copley (NZ), Mrs E Crighton (NZ), Ms J Diehm (QLD), Miss R Everett (NZ), Mrs L Felstead (QLD), Mrs S Goodlet (QLD), Ms K Govender (QLD), Mrs J Hewlett (NZ), A/Prof L Hickman (NSW), Mr A Hogan (NZ), Mrs S Jones (NZ), Dr L Ju (NSW), Miss S Kahler (QLD), Mrs W Keegan (QLD), Ms N Kennedy (NZ), Mr K Koo (NSW), Mrs K Korver (QLD), Ms T Lawson (NZ), Ms J Lewis (NZ), Mr S Lewis (QLD), Dr B MacDonald (WA), Mrs S Manmadhan (NZ), Mr J Neale (NZ), Mrs R Newcombe (NZ), Mrs E Neylan (QLD), Mrs A Price (QLD), Ms J Read (VIC), Miss M Regan (NSW), Miss S Reid (QLD), Ms L Roberts (VIC), Ms J Robertson (NZ), Mrs R Rogers (NZ), Mrs J Scott (NZ), Mr F Shaikh (NSW), Mrs C Shepherd (NZ), Ms J Souness (SA), Miss C Stevens (VIC), Mr D Stewart (QLD), Mr M Weaver (NSW), Ms S Vallancey (NZ), Miss C Weber (WA), Mrs K Weir (NSW), Mrs K Willock (NZ), Ms K Wintrup (NZ), Ms P Woodard (NZ), Dr E Woodcock (NZ), Miss I Wright (NZ), Ms L Wright (VIC), Dr X (Luna) Xu (NSW), Mr S Zander (NZ) and Ms P Zhao (NSW)

Associate Members

Dr M Alfadhel (NZ), Dr D Baker (NSW), Dr S Barua (NSW), Dr J Bellett (SA), Dr A Castles (VIC), Dr D Cheng (WA), Dr W K Choo (NT), Dr F S Foo (NZ), Dr J Harmer (NSW), Dr P Indraratna (NSW), Dr N Iyen (NSW), Dr J Isbister (NSW), Dr M E Khan (SA), Dr C Lawley (NSW), Dr F J L Lee (WA), Dr I L Lin (NSW), Dr N Lwin (QLD), Dr D N Marope (TAS), Dr E McConnell (NSW), Dr L McGrath-Cadell (NSW), Dr S Moosavi-Torshizi (ACT), Dr A Mugwawa (SA), Dr J Nogic (VIC), Dr S Offen (NSW), Dr D Oh (NZ), Dr S Ramkumar (VIC), Dr S Sugito (NSW), Dr H Thakkan (TAS), Dr J Thoreau (SA), Dr C Tjahjadi (VIC), Dr K Vaidya (NSW), Dr S Veerappan (QLD), Dr K Verma (VIC) and Dr S Wong (QLD).

FCSANZ Members

Prof R Clark (SA), Dr R Gooley (VIC), Dr M Grips (QLD), Dr T V Liew (NZ), Dr R Kozor (NSW), Dr V Kushwaha (NSW), Dr M Lee (NZ), Dr A Martin (NZ), Dr A McLellan (VIC), Dr U Mohamed (VIC), Dr T L Nguyen (NSW), Dr G Strange (NSW), Dr S Varma (VIC) and Dr Z Zhang (QLD).

Travelling Fellowship Report



This year I was privileged to receive a CSANZ Travelling Fellowship to present my research work at the European Society of Cardiology (ESC), EuroHeart Care Congress in Dublin, Ireland 2018.

EuroHeartCare is the annual meeting of the ESC Council on Cardiovascular Nursing and Allied Professions aimed at helping support healthcare professionals deliver the best care possible to patients with cardiovascular disease. It was a great opportunity to present my work at this large international meeting. During the conference, I gave an oral presentation titled: *"Disparities in cardiovascular risk factors among immigrants in Australia: Evidence from a large population-based cohort"*. The results showed there were significant differences of cardiovascular risk factors among subgroups of immigrants. Australians immigrants from the Middle East have worse cardiovascular risk profiles than Australian-born participants, followed by those from South Asia, while immigrants from China had different

risk profiles. Diabetes and physical inactivity were highly prevalent among Asian immigrants.

The presentation received a lot of interest from clinicians and researchers from multiple countries and some request to collaborate for future research. The conference itself was high-quality. I enjoyed the plenary sessions and oral presentations in a variety of cardiovascular streams, including heart failure, arrhythmia and clinical management. I also enjoyed talking with other researchers, which has inspired me in my ongoing research on cardiovascular field.

I am very grateful to the Cardiac Society of Australia and New Zealand for their great support of my attendance at EuroHeart Care congress and would like to sincerely thank the CSANZ Board for this fantastic opportunity.



*Kai Jin
PhD Candidate, the
University of Sydney
Clinical Nurse Specialist
St George Hospital,
Sydney, NSW*

Affiliate Clinical Development Award Report

I was fortunate enough to be humbled with receiving one of the Cardiac Society of Australia and New Zealand Affiliate Clinical Development Award's for 2018. The Annual Scientific Meeting held in Brisbane hosted a full program and plethora of world-renowned Australian and international speakers, covering all the sub-specialties and basic clinical science domains.

The meeting began for me with a research-based focus, attending sessions on improving the quality and translation of pre-clinical and clinical research. Highlights included Professor Jamie Vandenberg from the Victor Chang Cardiac Research Institute addressing the application of the P-value and appropriate use and interpretation of statistical tests, as well as talks on academic writing and the peer-review process.

The RT Hall Lecture was delivered by Professor John Cleland from the Royal Brompton Hospital (London, UK), presenting recent progress in the management of heart failure. Of most interest was the paradigm shift his thesis provided, addressing the importance of balancing out achieving a cure for the individual compared to improved rates of remission. In doing so he challenged delegates on how success is measured in clinical trials by suggesting a focus should be placed on meeting patient-specific goals rather than objective clinical outcomes alone.

From a clinical perspective invaluable insight was gained into numerous areas of interest, some of which I have already had the chance to put into practice on my current rotation with the Department of Cardiology at St. Vincent's Hospital, Sydney. This also included exciting live crosses to view a range of interventional procedures in different cath labs. The "What's Hot" sessions provided an excellent summary of the key practice-changing updates in each subspecialty covered throughout the meeting.

The ISHR hosted an excellent Early Career Investigators speed networking luncheon.

Personalised and invaluable insight into developing as a researcher, whilst also juggling training requirements and clinical commitments, was kindly offered by the invited guest speakers, including Professor Chris Semsarian from Sydney's Centenary Institute.

Whilst attending the exhibition hall I had the pleasure of meeting Ms Ciara Mundow, the Global Affairs Relations Manager and Membership Development representative for the European Society of Cardiology. In addition to being assisted with joining the ESC Professional Membership body, I came to appreciate the extensive efforts the CSANZ and ESC communities are going to as a means of fostering international relations, particularly for junior members. It is indeed as exciting a time as ever for the Cardiology community at large.



I would like to offer CSANZ my sincerest thanks for their generosity and ongoing support on a personal level, in addition to hosting yet another exciting, informative and inspiring meeting in 2018.

Daniel Tardo
Basic Physician Trainee
St Vincent's Hospital, Sydney, NSW

Affiliate Clinical Development Award Report



Kathryn Frawley (far right) with cath lab nurses from The Alfred Hospital, VIC

It was a great honour to receive the CSANZ Clinical Development Award this year. This award allowed me to attend this year's CSANZ conference in Brisbane, the concurrent ANZET conference, and the structural heart nurses symposium.

I was fortunate enough to be given the opportunity to present a case study of a TAVI emergency in the Cardiac Cath Lab as part of the program for the structural heart nurses symposium. This day was very educational and great for networking with nurses from other Cardiac Cath Labs from Australia and New Zealand. Clinical Nurse Specialist Sandra Lauck from St Paul's hospital in Canada had a particularly informative talk about the future development of TAVI care in Canada. Many of the processes that have been developed in Canada could also be implemented here in Australia. This talk has encouraged me to further explore these ideas within my current workplace The Alfred Hospital.

As part of the ANZET program the Alfred Cardiac Cath lab nurses were given the opportunity to participate in hands-on training of loading the Medtronic Evolut Valve. Having the skills to load a valve correctly is a requirement of our Cath Lab nurses role. Therefore this was

invaluable session that allowed for focused education without the pressure of the Cath Lab environment. This training allowed for each of us time to practice loading the valve including troubleshooting when issues arose. Since the conference we have been able to use this education in our practice and have more confidence in loading the Medtronic Evolut valve.

The research poster session at the end of each day is always a great time to network with people from other hospitals. Walking reading about a wide variety of research projects and having the opportunity to discuss with people who have participated in the research gave me a sense of pride to see the result of the hard work that have been completed by colleagues that I work with at the Alfred Hospital.

Attending both CSANZ and ANZET conferences in sunny Brisbane was not only a great chance to get out of the cold Melbourne winter; it was a fantastic learning opportunity that will have a positive influence on my nursing practice.

*Kathryn Frawley CCRN
ANUM Cardiac DPU and CNS Cardiac Cath Lab
The Alfred Hospital
Melbourne, VIC*

Affiliate Clinical Development Award Report

I had the pleasure of attending the Annual Scientific Meeting (ASM) of the Cardiac Society of Australia and New Zealand (CSANZ) in Brisbane on 3rd -5th of August 2018.

The pre ASM meeting afforded me the opportunity to attend the Joint symposium with CSANZ Cardiovascular Nursing Council and the Australian Atrial Fibrillation (AF) Guidelines, followed by NHFA and CSANZ heart failure (HF) guidelines 2018.

In Australia, prevalent AF cases in people aged 55 and over are projected to double over the next two decades as a result of an ageing population and improved survival from contributory diseases. This is the first Australian guideline on this topic. Emphasis was on screening and prevention, but also on diagnosis and timely detection. Strong recommendation has been highlighted for opportunistic point-of care screening in the clinic or community in people 65 years and more.

The new HF guidelines replaced the ones from 2011, stressing the importance of patient - centered care and advice on involvement of multi -D team that the HF patients need.

Of particular interest are clearer classification of HF based on ejection fraction, new diagnostic and HF rEF management algorithm and new pharmacological management such as angiotensin receptor neprilysin inhibitor, and the use of SGLT2 inhibitors.

I found the presentation by Nancy Albert from Cleveland clinic in the United States very inspirational. Nancy highlighted the benefits of a nursing research program, she gave some very invaluable advice on how to implement important evidence-based interventions in clinical settings.

Poster presentation on early real-world experience of tolerability and titration rates of angiotensin-receptor-neprilysin inhibitor highlighted the barriers to successful titration and the need for further evaluation.

Also very valuable was a publication by P. Peacock from NMDHB which highlighted the need for integration of Clinical Nurse Specialist (CNS) into the Heart Function service. The role of CNS was developed to advance client centered care, interdisciplinary education, and seamless transition of patients from secondary to primary care. The focus was on early medication titration and timely referral of complex patients. This resulted in significant reduction in re-admission rates.

Considering 1.6% of all hospitalizations in Australia are HF related, emphasis has to be on providing patients with patient centered care with multidisciplinary team involvement. The optimal prevention, diagnosis, and treatment strategies for heart failure are continually evolving and care for patients requires confidence in integrating these new developments into practice.

I would like to acknowledge the CSANZ Affiliate Clinical Development Award in supporting my attendance at this meeting. I would encourage CSANZ affiliate members to take the opportunity to apply for the development award in the future and enjoy the many opportunities the meeting provides in enhancing access to current research and clinical practice issues and networking opportunities with colleagues both nationally and internationally.

*Renata Surnak
Nurse Consultant, Heart Failure Support Service
Cardiac Rehab and Liaison Service
The Queen Elizabeth Hospital
Adelaide, SA*

Affiliate Clinical Development Award Report



Through the generous support provided by the CSANZ affiliate clinical development award I was able to attend the 2018 CSANZ Annual Scientific Meeting held in Brisbane.

I am a clinical research coordinator and associate genetic counsellor at the Victor Chang Cardiac Research Institute and the main focus of our studies are families with Dilated Cardiomyopathy and Atrial Fibrillation. It was great to be able to hear about the new atrial fibrillation and heart failure guidelines that have recently been published and to get a good understanding of the new changes and updates. It was also very interesting to hear the perspectives from the US and Europe for these guidelines.

I particularly enjoyed the RT Hall lecture given by Professor John Cleland and the fantastic research presented by the Ralph Reader finalists. I was also fortunate enough to attend some fantastic sessions held by the heart failure, arrhythmia, mechanisms and multi-disciplinary streams but also was able to get exposure to information that I would not normally see including paediatrics and imaging that will help to broaden my clinical knowledge.

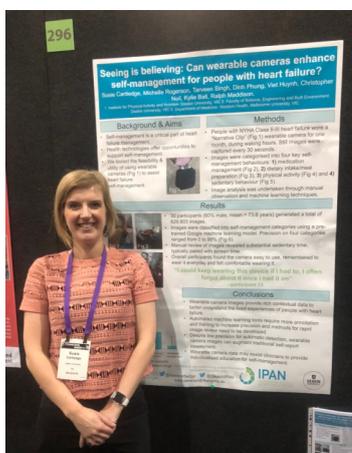
I was able to attend the cardiovascular genetics symposium on the Thursday afternoon where we were given a historical perspective on the use of genetic testing in Long QT and Brugada Syndrome by Associate Professor Sami Viskin. Overall it was wonderful to see cardiac genetics incorporated into the main program with combined sessions held with the Clinical, Heart Failure, Paediatrics, Arrhythmia and Multi-disciplinary streams. These provided many interesting and varied presentations during these sessions including those of Professor Perry Elliot

who was able to eloquently show evidence from his clinical experience of the utility of cardiac genetics in clinical care. I was fortunate enough to present in the combined multi-disciplinary session which had some thought provoking discussion on the role of multi-disciplinary cardiac genetics clinics and where we may go in the future.

I would like to thank the CSANZ for the wonderful support and opportunity to attend the meeting that has provided a great source of information and a chance to interact with a diverse range of colleagues.

*Renee Johnson
Clinical Research Coordinator and
Associate Genetic Counsellor
Victor Chang Cardiac Research Institute
Sydney, NSW*

Affiliate Clinical Development Award Report



As a result of support from the Affiliate Clinical Development Award I was able to attend the CSANZ ASM held in Brisbane this year. Attending the ASM provided me with an opportunity to hear the latest science and to meet and network with a wide variety of clinicians and academics.

As a fresh post-doctoral researcher, I was able to present some of the initial findings of our work at the Institute for Physical Activity and Nutrition (IPAN), Deakin University- exploring the use of wearable cameras in people with heart failure. This work, presented in the poster session, provided much discussion which was fantastic to be a part of. This technique- which provides objective data that could in the future be used in a nurse-lead clinic setting or as a tool to augment patient self-management education, could be used in a variety of other settings and I enjoyed discussing this potential with other delegates.

Other ASM highlights for me included: **Launch of the new CSANZ/Heart Foundation Heart Failure and Atrial Fibrillation Guidelines.** The ASM provided all delegates with the opportunity to hear from the lead author of each section of the guidelines, providing valuable insight on the documents. It was impressive to see the dedication and sheer amount of work these groups had completed in order to get the guidelines to the point of publication.

The inaugural joint Australian Cardiovascular Health and Rehabilitation Association (ACRA) and CSANZ "Clinical and Preventative

Cardiology Council Meeting". This joint session provided ACRA delegates the opportunity to attend a session at CSANZ which covered highlights from the ACRA ASM (held immediately prior to CSANZ in Brisbane), a fantastic overview of the use of text messaging in preventive and lifestyle interventions and a great debate of the role of angioplasty in CVD prevention. The session was extremely well attended by both ACRA and CSANZ delegates providing opportunity for ACRA and CSANZ to work more closely together. ACRA delegates also brought with them their "active standing ovations" (standing when applauding speakers) which seemed to catch on quite well. Hopefully the ACRA delegates will be able to bring this into every CSANZ session in the future to keep us all active and less sedentary!

As a Registered Nurse, I was excited to attend two excellent **keynote nursing speakers** this year, being Dr Nancy Albert and Professor Judith Finn. International speaker, Associate Chief Nursing Officer Nancy Albert, from the Cleveland Clinic Health System spoke several times throughout the ASM. I really enjoyed her workshop on hospital-based clinical research which provided many helpful hints on conducting successful nursing research in a hospital environment. Professor Judith Finn from Curtin University in Perth, gave a fantastic Cardiovascular Nursing Lecture on a topic close to my heart - resuscitation and strengthening the chain of survival. We were privileged to see the journey of the research that Judith has conducted over her career, recently culminating in a landmark Lancet publication investigating the use of adrenaline in out-of-hospital cardiac arrest.

Attending the ASM provides me with my annual dose of inspiration and motivation to continue to develop my own clinical practice and research and I would encourage all affiliate members to apply for this award to enable them to attend this world class meeting.

*Dr Susie Cartledge
RN The Alfred Hospital, Melbourne
Post-Doctoral Researcher, Deakin University*

Paediatric & Congenital Council Travelling Fellowship Report



I had the privilege of attending the Cardiac Society of Australia and New Zealand Annual Scientific Meeting (CSANZ ASM) in Brisbane this year as a recipient of a CSANZ Paediatric and Congenital Council Travelling Fellowship. I would like to thank the society for this support.

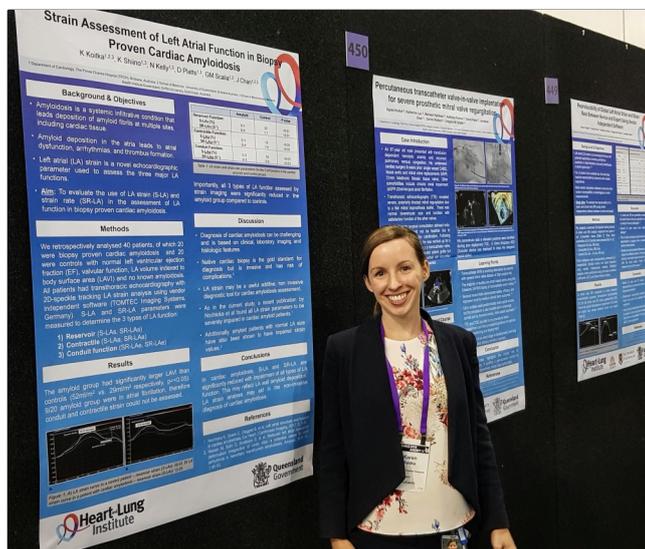
With the support of the Travelling Fellowship, I was able to present recent work on the outcomes of children and adults who have had a percutaneous pulmonary valve implantation (PPVI) in New South Wales since 2009. This retrospective cohort study forms the first part of what is hoped to be a multisite collaboration of data across Australia and New Zealand to investigate the outcomes of this procedure. As such, the questions and feedback from the audience following the presentation provided an invaluable opportunity to gain insights from other sites where this procedure has been performed. It also provided the chance to reflect on practice across the region, as well as think collaboratively about how the outcomes should be quantified and reported. I appreciated the feedback from the audience members including those that have been involved in the care of individuals who have had PPVI.

As a paediatric cardiology trainee, I found the Paediatric and Congenital stream sessions and events at CSANZ ASM informative and interesting. I particularly enjoyed hearing from the international faculty, Jack Rychik and Oliver Stumper. It was also fantastic to hear and meet local speakers providing updates on key areas of paediatric cardiology in our region, including rheumatic heart disease, single ventricle management and imaging.

I am grateful to CSANZ Paediatric and Congenital Council for this Travelling Fellowship and the opportunity this provided.

*Claire Lawley
Paediatric Cardiology Trainee
Heart Centre for Children,
The Children's Hospital at Westmead, NSW*

Paediatric & Congenital Council Travelling Fellowship Report



I am very grateful to have received support from the CSANZ Paediatric and Congenital council to attend and present at the 2018 Cardiac Society meeting in Brisbane. As an Echocardiography fellow currently working at The Prince Charles Hospital, taking part in and contributing to Cardiac society is an important part of my training and research.

My submission for the scholarship came about after having undertaken an adult congenital rotation as a final year Cardiology trainee. An important question regarding the management of a group of patients with a rare congenital condition (Scimitar syndrome) arose in our multidisciplinary meeting. During the term I reviewed the management and clinical outcomes of patients with Scimitar syndrome and was able to present a summary of this information back to the multidisciplinary team. Although only a small group of patients, this information is vital and will play a role in how we manage this group of patients in the future. It was a fantastic opportunity to be able to present this research project as a mini-oral in the Paediatric/Adult Congenital session at CSANZ and discuss with the wider local and international congenital community our results.

In addition to my mini-oral presentation, I was able to present other research projects in poster form. The poster session is a really important opportunity for junior researchers – it allows a forum for us to contribute to the research field, have an abstract published and be proud of this achievement.

CSANZ had a comprehensive program and world class speakers this year providing an excellent learning opportunity. In addition to attending the wide variety of talks, it was great to be able to support my colleagues from The Prince Charles Hospital who were also speaking. CSANZ provides an excellent opportunity to meet colleagues and friends and discuss the Cardiology landscape.

I would like to thank the Cardiac society of Australia and New Zealand for this award – I felt very privileged to receive this support and look forward to ongoing contribution to CSANZ on the future.

*Karen Rausch (nee Koitka)
Echocardiography Fellow
The Prince Charles Hospital, Brisbane*

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AUSTRALIA & NEW ZEALAND

CSANZ 3rd Indigenous
Cardiovascular Health Conference

12–13 June, 2019
Wellington, New Zealand

www.ich2019.com

CSANZ New Zealand
Annual Scientific Meeting

13–15 June 2019
Wellington, New Zealand

www.csanzasm.nz

CSANZ2019

8–11 August, 2019
Adelaide, South Australia
*Hosted by the CSANZ Victorian
Regional Committee*

www.csanzasm.com

ANZET19

8–11 August, 2019
Adelaide, South Australia

www.anzet.com.au

NORTH AMERICA

AHA18
10–12 November, 2018

Chicago, Illinois

www.scientificsessions.americanheart.org/

ACC19

16–18 March, 2019
New Orleans, Louisiana

www.cardiosource.org/acc

EUROPE

ESC Congress 2019
31 August–4 September 2019
Paris, France

www.escardio.org

A comprehensive list of meetings
and events can be viewed on the
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HEART
DAY**
29 SEPTEMBER