



The Cardiac Society
of Australia and
New Zealand

on the *pulse*

Volume XXVII, No 2
June 2015

Cardiologist's life and career: Excellence and service to patients and profession

John Philip O'Shea 12.02 1953 - 15.03.2015

Well-respected and prominent Perth Cardiologist, John O'Shea, died unexpectedly on Sunday, 15th March, 2015 after a highly distinguished career.

Born in London, his parents, John O'Shea and Mary Leahy were medical graduates of the Royal College of Surgeons (Ireland) and University College Dublin. As a child, he grew up in London and Kent. The family subsequently moved to Dublin in December 1956 and immigrated to Australia in 1963.

John was educated by the Christian Brothers in Dublin and later in Australia, by the Jesuits at St Aloysius' College, Sydney, and St Louis School, Claremont, Western Australia.

As a child, John suffered from severe asthma which limited his sporting opportunities. However, he more than compensated for this with his academic achievements, reading voraciously and developing an outstanding general knowledge. His

debating experience at school stood him in good stead in his later professional life.

John captained the St Louis *It's Academic* quiz team, winning the state final in 1970 on television, and coming second overall in the national final. He also won the Coles Junior Quiz national title the same year and was awarded Lions Youth of the Year.

He followed in the family footsteps, commencing medicine at the University of Western Australia and graduated in 1977. Following three years' Residency, John travelled to South Africa, where he worked at King Edward VIII Hospital in Durban as a Medical Registrar for 18 months. Reputedly a year at King Edward VIII (3,000 beds) exposes one to every known condition in medicine. There is no doubt that this experience in Durban shaped his future career in medicine.

John subsequently travelled overland through Africa for six



months with his future wife Terrie, which included a solo ascent of Mt Kilimanjaro.

Arriving in London, he commenced at the Royal Postgraduate Medical School, Hammersmith Hospital and subsequently passed the MRCP (1983).

Back in Perth, John sat and passed the FRACP exam at the first attempt and subsequently entered the Cardiology Training Program. His FRACP was awarded in 1986. He later completed his training with a two-year Fellowship at Harvard Medical School in Boston, after winning a National Heart Foundation Scholarship. John quickly became an authority on the fledgling technique of Transoesophageal Echocardiography.

In 1989 after returning to Perth, he joined the Fremantle Hospital Cardiology Group and

Adelaide-based Gynaecologist, Dr Robert O'Shea remembers his brother, Dr John O'Shea

set up in private practice with WA Cardiology, where his expertise in Echocardiography was used in the training of many Registrars and Echocardiographers.

During his time at Fremantle Hospital, which included a period as Head of Department of Cardiovascular Medicine, John together with the other Cardiologists made substantial financial contributions to the Fremantle Heart Institute. The Institute is a charitable organisation that actively promotes and funds cardiac research at the hospital, including initial funding of the development of the ADAPT process invested by Professor Leon Neethling, which has been shown to substantially prolong the life of biological tissue implanted into the human body and which is expected to play a very significant role in increasing the durability of bio-prosthetic cardiac tissue in particular.

John had an enduring involvement in medical politics. As a student, he served as President on the Western Australian Medical Students' Society (WAMSS) and as Secretary of the Australian Medical Student's Association (AMSA).

In 1976, he took 12 months off his studies to serve as National Co-ordinator of the government-funded Multidisciplinary Student Healthcare Project. In his subsequent career, John became Chairman of the Cardiac Society of Australia and New Zealand (WA Branch) in 1998, serving until 2012.

At the time of his death, he was president of the National Heart Foundation, (WA Branch) and had held various position in the Cardiac Society of Australia and New Zealand.

John lived life to the full. His medical and political commitments necessitated a hectic schedule. His main recreational interest was boating and he spent many hours working on his boat at the Claremont Yacht Club. I will always treasure the wonderful holidays we spent together at Rottnest Island, in Longreach Bay on magnificent summer days. It is only fitting, that he spent his last afternoon working on his boat at the yacht club.

Patients loved his warmth, compassion, endless patience and humour. John loved to reassure those he referred for surgery – "this operation

comes with a lifetime guarantee".

John and Terrie were happily married for over 30 years. He is survived by Terrie, his children, Michael, Breffny and Camilla, and siblings Robert, Annemarie and Ken.

John was tragically struck down in his prime, at 62 years of age. He achieved most things in life in spades. But he would regard his most outstanding legacy as his remarkable and successful children with whom he always had a very close bond. Michael is a lawyer in Perth, and Camilla is at university. Breffny has followed his father into medicine.

John dedicated his life to medicine, achieving great personal success. More importantly, he set an impressive example in serving the interests of his patients and the profession overall.

He will be sorely missed by family, friends, colleagues and thousands of patients.

The Society would like to thank Dr Robert O'Shea, who has kindly consented to the reproduction of this vale, which appeared in the May edition of Medicus.



The Australasian Cardiac Outcomes Registry is up and running! We're now at the stage of recruiting hospitals and clinics - public and private - who want to participate in this important initiative of CSANZ.

Contact us now using details below if you're interested or have questions!

Currently the ACOR CEO and the SAHMRI Health Systems Research team are visiting sites nation-wide; site visits in Western Australia were completed early in May. Dates for the next round of site visits are:

- Canberra: Monday 15 June
- Gosford: Tuesday 16 June
- Newcastle: Tuesday 16 June
- Brisbane (private hospitals): Wednesday 17 June - Friday 19 June
- Sunshine Coast (private hospitals): Wednesday 17 June - Friday 19 June
- Gold Coast (private hospitals): Wednesday 17 June - Friday 19 June

Dates for visits to Tamworth, Toowoomba, Tasmania and Northern Territory are close to finalisation, and a follow-up 1-day visit to Western Australia is in the second week of July.

If you want a site visit, please let us know as soon as you can.

Your involvement will contribute to a high-quality Australasian database. The more data we have, the better the results. Regular reporting and feedback of de-identified results

will enable hospitals and clinicians to benchmark performance against national results, and shape healthcare delivery.

No fee is charged for participation for at least the first 12 months, and any future fee - if necessary at all - will be quantified in consultation with participating clinicians and sites.

We've designed registry processes with two overriding principles:

1. ensuring data privacy, while providing you with protected access to your own data; and
2. minimising resources required at sites for data collection

These two principles have also guided the Steering Committee in much of its decision-making.

Our team is ready to support you at every step of the enrolment process. To get the ball rolling, contact us and ask for the ACOR Registry information package; it includes a *Client Services Agreement* that you'll need to start your participation.

Sites representing each Australian state in addition to New Zealand have already expressed interest and are in varied stages of enrolment. We are keen to hear from more of you.

So sign up!

Contact details: Lauren Bell and Erin Morton

E: acor-registry@sahmri.com

P: 1300 725 272

R T Hall Prize 2016

Call for Nominations

Nominations are invited for the 2016 R T Hall Prize of the Cardiac Society of Australia and New Zealand (CSANZ). The Prize is the most prestigious research award of the 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.

CONDITIONS:

- 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. Work published in book-form and thesis, which have been accepted for higher degrees, may also be submitted.
- The investigator **MUST** be a Member of The CSANZ and the work must have been substantially undertaken in Australia or New Zealand.
- Submissions for the R T Hall Prize will consist of a nominating letter by a Member of The Society plus copies of the published manuscript(s), as well as, confirmation from the nominee(s) that they wish to be considered for the Prize.
- The R T Hall Prize will be decided by the Board after review by the Scientific Committee.
- The winner of the R T Hall Prize will be announced at the Annual General Meeting of The Society.
- The value of the R T Hall Prize will be \$10,000.

Submissions should be forwarded to the Honorary Secretary, The Cardiac Society of Australia and New Zealand, Suite 601, Level 6, 1 Castlereagh Street, Sydney NSW 2000 or emailed to info@csanz.edu.au

Closing date:

5 pm Wednesday 4th November 2015

The Society reserves the right not to proceed with an appointment for any reason. Applicants requiring further information are requested to contact the CSANZ at info@csanz.edu.au

Please note: 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



www.csanz.edu.au

Named Lecturers

RT Hall Lecturer

Kempson Maddox Lecturer

Victor Chang Memorial Lecturer

Gaston Bauer Lecturer

Basic Science Lecturer

Cardiovascular Nursing Lecturer

Silvia Priori

John Ormiston

David Taggart

Stephen Hunyor

Mark Cooper

David Thompson



www.anzet.com.au

Key Dates

Registrations open	20 March 2015
Earlybird registrations close	12 June 2015
Fellows' Prize submissions close	29 June 2015
Standard registrations close	17 July 2015
ANZET 2015	11-13 August 2015

Travelling Fellowship Update



My opportunity to attend the American College of Cardiology's 64th annual scientific session was one of the year's major highlights for me. I joined over 13,000 cardiologists from all over the world to take part in a venture that did not actually resemble a didactic "conference", but was characterised by interactive education and research where the audience members contributed as much to the event as the presenters. I was given the chance to discuss and compare different approaches to cardiovascular care from different countries and invited to consider the reasoning behind contemporary guidelines. Sometimes I think that junior doctors in Australia's hospital system practice "consultant-based-medicine" rather than "evidence-based-medicine", so being challenged by world experts as to whether I agree or disagree with their reasoning was an eye-opener for me.

Another aspect of the conference that showcased global teamwork were the poster

sessions. Over 1,000 posters were presented, and authors ranged from medical students to professors of every gender and ethnicity. I personally presented a poster on cost-effectiveness of strategies for preventing cardiotoxicity from chemotherapy. Contemporary physicians have been privileged with an incredible degree of autonomy in non-medical fields ranging from human resources, education, administration and health economics, and as such I believe there now exists an obligation for doctors to produce research in these fields to prove their responsible stewardship. I am not too modest to say that one cardiologist who chairs committees on ACC/AHA guidelines told me that my poster would influence how he practised cardiology.

As I left San Diego, my closing thoughts were that the ACC conference showcased the admirable ethos of cardiologists, particularly our desire to create a global-teamwork approach where there is a "knowledge migration" amongst nations, and opportunities to contribute are not limited by job description or country.

I would like to thank CSANZ and Amgen Australia for the opportunity to attend this event, as it wouldn't have happened without their generous assistance.

*Mark Nolan
Menzies Research Institute
University of Tasmania
Royal Hobart Hospital*



Criteria for CSANZ Heart Failure Council travel grant for the Heart Failure Society of America Conference

26 – 29 September, 2015

Washington DC

1. **At the time of application**, applicants must be current financial FCSANZ, Associate Members or Affiliate Members of the Cardiac Society, with preference given to early career applicants attending their first meeting.
2. The work must have emanated from Australia or New Zealand.
3. Applicants **must** have an abstract on a topic relevant to Heart Failure, accepted for presentation.
4. Applications must be accompanied by a letter from the supervisor or Director of the laboratory or service from which the work has emanated, clearly detailing the specific contribution made by the applicant towards the work being presented.
5. Preference will be given to those who have not previously been awarded a CSANZ Travelling Scholarship.
6. Conditions apply to successful applicants not domiciled in Australia or New Zealand.*
7. Late applications will **NOT** be considered.
8. The Scholarship is valued at \$3,000
9. Successful recipient must agree to present in the next CSANZ Heart Failure Council

Programme during the CSANZ Annual Scientific Meeting:

- i. A summary of the highlights of the meeting and an overview of the top 5 Heart Failure papers they attended at the Heart Failure Society of America Meeting
 - ii. An oral presentation of their abstract.
10. Successful recipient to email the Heart Failure Council Secretary at info@csanz.edu.au confirming availability to present in the next CSANZ Heart Failure Council Programme (See item 9).

Applications should be accompanied by:

- a) copy of submitted abstract(s) and official notification of acceptance;
- b) brief curriculum vitae;
- c) supporting letter from the supervisor or Director;

Applications should be emailed to info@csanz.edu.au

CLOSING DATE

30 June, 2015

Please note: if applicants have not received email confirmation of receipt of their application within 1 week of submission, they should contact the CSANZ at info@csanz.edu.au

Research in Indigenous Cardiovascular Health

Expression of **Interest**

CSANZ Indigenous Researcher / Scientist Scholarship

CALLING FOR EXPRESSIONS OF INTEREST

Are you:

- resident in Australia or New Zealand?
- and of Indigenous background (Aboriginal, Torres Strait Islander, Maori or Pacific Islander)?
- and also a health worker, post graduate scholar (Masters, PhD) or a Post Doctoral Scientist working in the field of Indigenous cardiovascular health?

We want to hear from you

If you are seeking funding for a clinical research project directed towards improving the cardiovascular health of Indigenous populations of Australia and/or New Zealand.

Please contact the Cardiac Society of Australia and New Zealand (CSANZ) and inform us of your name, contact details and the title of your research project.

Value: Up to a maximum of \$70,000. The scholarship may be shared at the discretion of the Board.

Contact Christine Boyle, CSANZ, for more information on info@csanz.edu.au

**Expressions of interest close
15 July 2015.**



The Cardiac Society of
Australia and
New Zealand

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Travelling Fellowship Update

I write to express my sincerest thanks to the CSANZ and Amgen Australia for awarding me a Travelling Fellowship to the 2015 American College of Cardiology Scientific Sessions. The opportunity to attend this world-class cardiology meeting and present my research was an exciting one.

I presented “ Prediction of coronary artery disease extent and severity using Pulse Wave Velocity”, research that was undertaken at Westmead Hospital. We found that In symptomatic individuals presenting for the investigation of suspected ischemia PWV does not predict the severity of obstructive coronary disease but instead predicts the overall burden of coronary plaque (obstructive and non-obstructive). This positive correlation between PWV and Extent score suggests that PWV may be predictive of future cardiovascular events due to the established link between Extent

score and cardiovascular risk. The presence of diffuse coronary atheroma may be the pathophysiological link between the observed relationship between increased PWV and increased cardiovascular risk.

The meeting was a forum to learn about the latest trends in clinical cardiology as well as some new ideas and approaches for future risk stratification and management of coronary disease. In particular, there is an increasing interest and investment in women’s heart disease, an essential future direction and one I have a significant interest in.

*Joseph Chiha
Centre for Heart Research,
Westmead Hospital, NSW and
Interventional Cardiology Fellow
at the Peter Munk Centre
Toronto General Hospital, Canada*

Probono Cardiology in East Timor

Dr Noel Bayley, from Warrnambool, Victoria, has been working in East Timor for the last twelve years, doing Cardiology clinics in Dili and in some of the regional towns.

The purpose of the clinics is to identify young Timorese patients with disease amenable to surgical intervention, which is unavailable locally.

A wide range of pathology, particularly rheumatic heart disease, is seen.

A small charity has been founded (East Timor Hearts Fund) to provide the necessary financial support for surgical intervention.

This has been predominantly mitral balloon valvuloplasties, but also a significant amount

of open heart surgery, including valve repairs and replacements.

Whilst Dr Bayley hopes to continue to work for quite some years yet, the increased financial support that has become available means that support from an additional Cardiologist would be very welcome.

The work is interesting and challenging (particularly integrating best possible patient care with the various social, geographical and logistical challenges that East Timor presents).

Anyone interested in participating could email Dr Bayley on noelbayley@me.com or phone 0408 529 640.

CSANZ Affiliate Clinical Development Award (CDA)

Applications are called for the **Clinical Development Award** to enable **Affiliate Members** of the CSANZ to attend the 2015 CSANZ Annual Scientific Meeting in Melbourne, Victoria, from 13–16 August 2015. The Awards are intended to further develop the successful candidate through an increase in their clinical knowledge and expertise, an increased awareness of research and evidence-based practice and will also allow the successful candidate to build on their professional network. In particular, this strategy addresses succession planning for leadership positions in cardiovascular practice, research, education and management. Candidates applying for a CDA are not required to have an abstract accepted for presentation at the ASM.

The Awards:

- The Awards are valued at \$1,000 each to assist in defraying the costs of travel, accommodation etc with up to five being awarded.
- There will be up to three Awards to nursing and up to two to non-nursing applicants.
- Preference will be given on an equal basis to:
 - a first time applicants for a CDA;
 - b applicants who have not previously attended a CSANZ conference;
- Should the recipient of a CDA subsequently be awarded a CSANZ ASM Travelling Fellowship in the same year, the recipient may choose which award they wish to have, but are only entitled to one award.

Selection criteria:

1. The applicant must have held CSANZ Affiliate Membership for at least 1 year and be currently financial.

2. Working or studying in a clinical area of cardiology or cardiothoracic surgery or working in an area where there is a large caseload of patients with cardiac conditions.
3. Applicants must reside outside of the State or Region in which the ASM is being held.

How to apply:

- Applicants should submit a one page document describing their interest in cardiovascular health and stating what outcomes they anticipate from the conference. For example, how it will add to the applicant's knowledge base and career, how it will benefit their workplace and how the applicant can contribute to the CSANZ Affiliates;
- Applicants should include details of their clinical area of work or study, including patient caseload and patient cardiac conditions;
- Include the names of two referees with whom you have worked closely and who have been involved in your career development ie mentor, supervisor, manager;
- Successful candidates will be required to write a report for the On The Pulse newsletter;
- Applications should be emailed to the Honorary Secretary at info@csanz.edu.au

CLOSING DATE

8 June, 2015

Please note: if applicants have not received email confirmation of receipt of their application within 1 week of submission, they should email info@csanz.edu.au

CSANZ Travelling Fellowship 2015 AHA Scientific Sessions

Applications are called for the **CSANZ Travelling Fellowships** for travel grants to enable investigators to attend the **Scientific Sessions 2015 of the American Heart Association** to be held in Orlando, Florida, 7-11 November, 2015. The Fellowships are intended to provide an opportunity for investigators in the early stage of their research career, to present at a major international conference. CSANZ wishes to acknowledge and thank the Eastern Heart Clinic and Amgen Australia for providing the funds for the Travelling Fellowships.

The conditions are:

1. The Fellowships are valued at \$3,000 each.
2. The top ranked candidate will be awarded the CSANZ McCredie/Wilcken Travelling Fellowship.
3. Applicants **must be current financial FCSANZ, Associate Members or Affiliate Members of the Cardiac Society**, at the time of applying, with preference given to those attending their first meeting.
4. The work must have emanated from Australia or New Zealand.
5. Applicants **must** have an abstract accepted for presentation at the AHA meeting and **must be the first or senior author of the accepted abstract**. In some circumstances, consideration may be given to a co-first author or someone who has made a substantial contribution to the work (see item 6).
6. Applications must be accompanied by a letter from the supervisor or Director of the laboratory or service from which the work has emanated, **clearly detailing the specific contribution made by the applicant towards the work being presented**.
7. Preference will be given to those who have not previously been awarded CSANZ travelling scholarships.
8. Conditions apply to successful applicants **not domiciled in Australia or New Zealand**.*
9. Late applications will NOT be considered.

Applications should be emailed to the Honorary Secretary at info@csanz.edu.au and **must** include:

- (1) copy of submitted abstract(s) and AHA notification of acceptance
- (2) brief curriculum vitae (maximum 1 page)
- (3) supporting letter from the supervisor or Director

Applications must be received by

24 August 2015

Please note: *if applicants have not received email confirmation of receipt of their application within 1 week of submission, they should contact the Secretariat at info@csanz.edu.au*

* Contact the Sydney Secretariat to obtain a copy of the conditions (info@csanz.edu.au)

Research Scholarships for 2016 Guidelines for Applicants

The CSANZ Research Scholarship is intended to provide support for Members of the Cardiac Society of Australia and New Zealand who wish to pursue a career in cardiovascular research.

1. The Scholarship is open to **all current financial Members of CSANZ at the time of applying.**
2. The value of the Scholarship will be equivalent to that of the NHMRC Postgraduate Scholarship and will be payable for one year.
3. Research must be conducted in Australia or New Zealand.
4. Only those applicants who are enrolled as full time students (eg. for PhD or MD) will be eligible to receive the Scholarship as a tax-free stipend.
5. Deadline for the receipt of applications and referees' reports is **11 September, 2015.**
6. Applications will be graded by a selection panel appointed by the Scientific Committee of the CSANZ.

No interviews will be undertaken.

7. Successful applicants will be notified in January.

Note: Previous recipients of the CSANZ Research Scholarship are not eligible to apply for a second scholarship.

In addition to the above information, you will **also** require a copy of the Application Form and Application Instructions available from the [CSANZ website](#)

Please note: *if applicants have not received email confirmation of receipt of their application within 1 week of submission, they should contact the Secretariat at info@csanz.edu.au*

Closing date:

5 pm Friday, 11 September 2015

Membership Changes and Additions

The following changes and new admissions to Membership which occurred from November 2014 to May 2015. The Society extends a warm welcome to all.

Affiliate Members

Mr K Abraham, Mr C Aldridge, Mr K Arcus, Ms S Ashover, Ms L Bonney, Mr L Breen, Mrs F Caddy, Dr R G Chokka, Mrs L Coleman, Miss T Cumming, Dr S Delacroix, Ms N Emanuele, Mr M Farraha, Mrs J Geer, Dr C Y Goh, Miss K Hall, Miss R Hamilton, Miss L Harris, Mr N Harrop, Mrs K Harvey, Mr R Hoerara, Dr Q Huynh, Mr S J Irvin, Dr R Joshi, Dr C Kure, Mr M Lambert, Ms S Levings, Ms S Li, Mr N Little, Mrs N Lumb, Mrs R McEwing, Mrs F McLean, Ms T Morris, Ms H Mountford, Dr S Noaman, Ms A Petrakos, Miss R Philip, Dr D Prasetyo, Mrs J M Prideaux, Ms M Rhodes, Mrs E Riva, Ms N Rowland, Dr K Santo, Mrs D A Simpkin, Ms M Spurway, Miss R Stevenson, Mrs R Surnak, Mr S Thanigaimani, Ms M Turner, Mr H West, Ms E J Will, Ms G Williams, Mrs M Wittwer, Mrs J Woodhead and Miss A Wright.

Associate Members

Dr M Arshad, Dr L Carr, Dr L Eckersley, Dr T Fetahovic, Dr M Flannery, Dr R Gluer, Dr S Hafeez, Dr J Hanna, Dr A-R Ihdahid, Dr K Khokhar, Dr A Lin, A/Prof J McGaughran, Dr J Neill, Dr J Sajeev, Prof C J Schultz, Dr N Sharma, Dr E Shaw, Dr T Stanton, Dr S Thavapalachandran and Dr M Yudi.

FCSANZ Members

Dr J A Black, Dr S Buchholz, Dr S J Butterly, Dr W Chan, Dr C Chao, Dr W W B Chik, Dr D De Silva, Dr P Disney, Dr T Fayers, Dr T Gattorna, Dr M Gholamreza Shirazi, Dr R A Hatton, Dr L Jeshthasan, Dr E Kotschet, Dr J Layland, Dr K L Looi, Dr J Moolman, Dr A Nasis, A/Prof M C Nguyen, Dr A H Nojournian, Dr K A Nowakowski, Dr D Parikh, Dr T Pegg, Dr J Pemberton, Dr F Ponnuthurai, Dr G Srinivasan, Prof M Webster and Dr A Worthington.



Go Red for Women



For more information go to <http://www.heartfoundation.org.au/driving-change/go-red-for-women/Pages/welcome.aspx?gclid=CNbBn77s8MUCFYyWvQod-T8AkQ>

CSANZ Board

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David Brieger, NSW
John Atherton, QLD
Stephen Nicholls, SA
Joseph Hung, WA
Ian Meredith, VIC
Luke Galligan, TAS
Mark Webster, NZ

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Robyn Gallagher (Nursing)
Julie Redfern (Allied Health)

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Jonathan Kalman

Paediatric Representative:

Robert Justo

Surgical Representative:

Trevor Fayers

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Sharon Samji



Clara Chow

Editor

On the pulse

For information regarding submissions for *On the pulse* please email info@csanz.edu.au. Views expressed in *On the pulse* are not necessarily the views of the Cardiac Society or its Board.

Regional Committees

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Forthcoming Meetings

NORTH AMERICA

AHA15

7 - 11 November, 2015

Orlando, Florida

www.scientificsessions.americanheart.org/

ACC16

2 - 4 April, 2016

Chicago, Illinois

www.cardiosource.org/acc

EUROPE

ESC Congress 2015

29 August - 2 September 2015

London, UK

www.escardio.org

ASIA PACIFIC

CSANZ New Zealand Annual
Scientific Meeting

4 - 6 June 2015

Auckland, New Zealand

Contact details:

The Conference Company

Phone: 64 9 360 1240

www.csanz.edu.au

CSANZ2015

13 - 16 August, 2015

Melbourne, Australia

Contact details:

The Conference Company

Phone: 64 9 360 1240

www.csanz.edu.au

ANZET15

11 - 13 August, 2015

Melbourne, Australia

Contact details:

The Conference Company

Phone: 64 9 360 1240

www.csanz.edu.au

A more comprehensive list of
meetings and events can be viewed
on the Society's website

www.csanz.edu.au



**WORLD HEART
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