

December 2013



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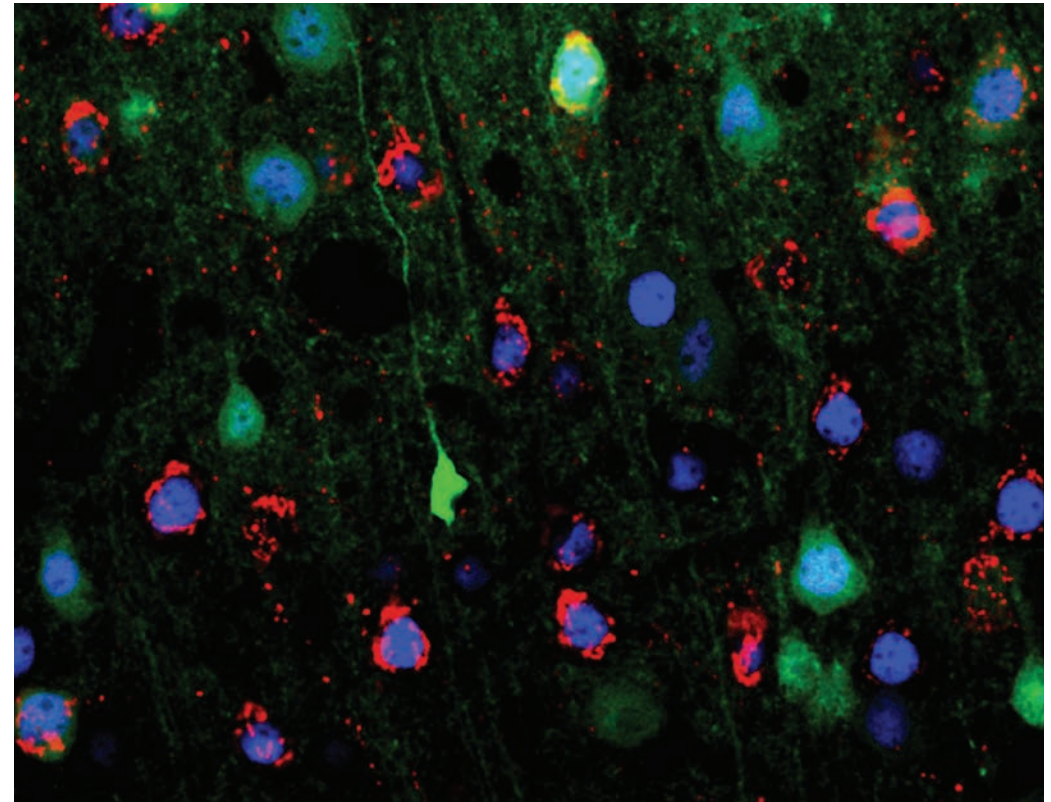
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www.ans.org.au

Australasian Neuroscience Society Newsletter



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President's Perspective

To capitalise on this opportunity to showcase Australian and New Zealand neuroscience, foster the careers of our young neuroscientists and build international research collaborations, I hope that as many ANS members as possible will submit proposals for the scientific program of this meeting.

In the October ANS Newsletter, Phil Beart (Past President of ISN) and I compiled some hints and suggestions for how to make a successful submission for symposia, workshops, young investigator colloquia and satellite symposia (<http://www.ans.org.au/documents/item/90>). Please read these in conjunction with the most up to date guidelines for submission provided on the ISN website.

I would like to emphasise 3 points in particular:

1. Membership of ISN is free for the first two years (not one as stated in the October newsletter). This is part of ISN's drive to increase its membership by allowing neuroscientists, who previously may not have considered joining ISN, an opportunity to experience the range of activities and support programs offered by ISN. I strongly encourage members of ANS to take advantage of this generous offer.
2. ISN and APSN are broad multidisciplinary societies interested in understanding neurobiology at a cellular and molecular level. Despite the apparently narrow meaning of "neurochemistry", the scope of these societies is very broad encompassing experimental

The call for Program Submissions for the 2015 Joint Meeting of ISN, APSN and ANS in Cairns was recently published on the ISN website (www.neurochemistry.org/biennial-meeting/biennial-meeting.html.) This joint meeting promises to be a most exciting scientific meeting attracting a large international cohort of participants. It will provide an opportunity to hear and engage with the best researchers in cellular and molecular neuroscience in a stunning world heritage environment.

approaches from disciplines such as physiology, pharmacology, behaviour, anatomy, histology, biochemistry, genetics and pathology applied to in vitro systems, intact animals and clinical/post mortem tissue. Therefore, even if your disciplinary title does not appear to be "neurochemical" your program submission will have every chance of success as long as the proposal fits the guidelines.

3. Program submissions must be made via the ISN website. The deadline for submission is January 14, 2014. The Program Committee will meet in Los Angeles in early March, 2014. For those of us in the southern hemisphere, this timing is not ideal. However, I hope that the advance warning provided by the notes provided by Phil Beart and me will have started people thinking and planning. Remember, if you are thinking of organising a program proposal you should feel free to contact Phil Beart (past ISN President and former Program Committee member), one of the Australian members of ISN Council (Roberto Cappai and Caroline Rae) or APSN

Council (Andrew Lawrence and David Small) or me (LOC Chair and member of Program Committee for the Cairns meeting) for advice.

4. I look forward to seeing as many of you as possible in Adelaide for ANS 2014 and Cairns for ANS 2015 jointly with ISN and APSN.



John Rostas

*President, Australasian
Neuroscience Society*

Nominations were recently invited for the ANS Council positions that are due to become vacant at the Adelaide 2014 AGM. The current state of play regarding these positions is as follows:

ANS Council News

Secretary

The current secretary, Joe Lynch, has served for 2 years. He is eligible to renominate, but in the event that a suitable candidate comes forward he will not do so.

Treasurer

The current treasurer, Andrew Allen, has also served for 2 years. He is also eligible to renominate, but would prefer to step down.

South Australian State Representative

The current representative, Stuart Brierley, has been elected unopposed to a second 2 year term.

New Zealand Representative

The current representative Ruth Empson, has been elected unopposed to a second 2 year term.

Victorian State Representative

The current representative, Chris Reid, has been elected unopposed to a second 2 year term.

Western Australian State Representative

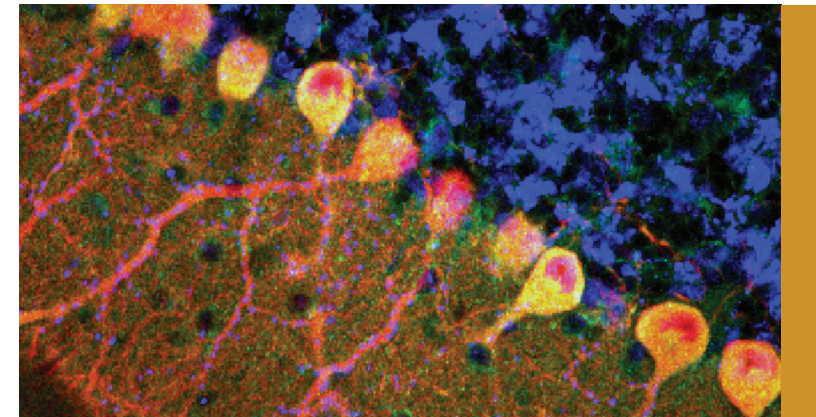
The current representative, Lindy Fitzgerald, has served for 4 years and thus is ineligible to be renominated. The new WA State Representative, elected unopposed, is Stuart Hodgetts from UWA. We warmly welcome Stuart to the Council.

If you are interested in nominating for either the Secretary or Treasurer positions, please contact the Secretary (Joe Lynch, j.lynch@uq.edu.au) by the 21st January, 2014.

Annual General Meeting Agenda

Australasian Neuroscience Society - Annual General Meeting. To be held at 14.30 pm, Thursday 30th January 2014 Adelaide Convention Centre
Final Agenda:

1. Attendance and apologies
2. Minutes of the 2013 Annual General Meeting (see April 2013 newsletter)
3. President's report
4. Secretary's report
5. Treasurer's report
6. Editor's report
7. 2014 ANS Awards and Prizes
8. Presentation of ANS Distinguished Achievement Award to Perry Bartlett
9. Future ANS meetings
10. Council members for 2014
11. Other business



ANS Adelaide 2014



Dear ANS members,
Preparations for the 34th Annual Meeting of the Australasian Neuroscience Society are now advanced. So far over 750 people have registered for the meeting with over 600 abstracts submitted.

In addition to our 19 symposia that were selected by the ANS executive earlier in the year, we have now used the submitted abstracts to put together an additional 17 oral sessions each with eight speakers. That is 136 talks from submitted abstracts (as much as our schedule and six lecture venues can accommodate) and there will also be over 460 posters presented!

Over 400 people will be attending the Conference Dinner and the "Social Subcommittee" here in Adelaide has been working hard to make it and the Early Career Researcher event fun, interesting and memorable. If you did not purchase tickets to these events when registering but would now like to do so you can email a request to our conference organisers, All Occasions Group, at conference@aomevents.com. Also, delegates who did not order one (or more) of our gorgeous conference T-shirts when first registering can now order them independently of registration - just visit the conference website www.ANS2014.org for details.

During the conference we will also host the finals of the Australian and New Zealand Brain Bee Challenges. (Attend and learn how ignorant those gifted school children can make you feel!) There will also be prizes for posters and oral presentations by research students as well as a "passport competition" for our trade display of course. And don't worry about losing contact with the outside world when in Adelaide - free wireless internet will be provided in the Convention Centre courtesy of AARNet.

The Local Organising Committee in Adelaide wishes you a relaxing and happy end to the year and we hope to see you refreshed and ready for a festival of neuroscience at the end of January.

**Michael
Lardelli**

*Chair of the Local Organising
Committee for ANS 2014.*

Australian Course in Advanced Neuroscience (ACAN) 2014

It's not often you get the chance to learn neuroscience from a Nobel Laureate, but that's the experience awaiting students at ACAN 2014. Next year's course will be our 10th ACAN and, to help us celebrate, Professor Bert Sakmann will be spending more than a week at ACAN, lecturing, helping out in the lab and chatting with students over meals. Prof Sakmann was the winner (with Erwin Neher) of the 1991 Nobel Prize in Physiology or Medicine for the development of the patch clamp technique.

ACAN 2014 will be a unique opportunity to learn from and get to know Prof Sakmann, who is one of the legendary figures in neuroscience.

ACAN 2014 will take place on North Stradbroke Island, near Brisbane, between Sunday 23 March and Saturday 12 April 2014. The deadline for applications is Monday 16 December 2013.

Twelve young neuroscientists will be selected to attend the course. Students will receive advanced training in patch clamping, calcium imaging, brain-slice preparation, confocal and multi-photon microscopy, data analysis, computational neuroscience, and many other topics.

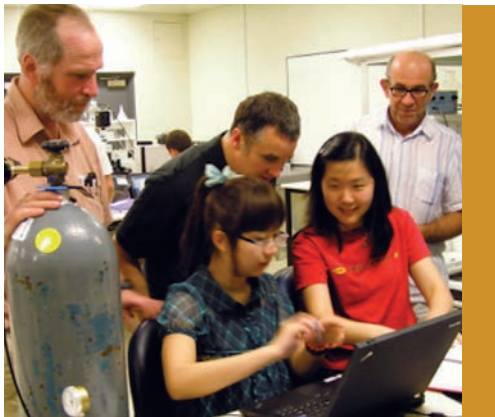
To apply for a place at ACAN you must be either a PhD student or Postdoctoral Fellow/Junior Faculty (preferably no more than 5 years after completing your PhD). You should also be a full-time resident of Australia or New Zealand (but you do not need to be a citizen or permanent resident of those countries). However, a small number of applicants based in other countries may be accepted.

Successful applicants will be required to pay a subsidised fee of A\$4500 (including GST) to attend the course. This will cover all accommodation, meals, tuition and laboratory work. Scholarships are available for New Zealand citizens and permanent residents based in NZ.

For further information, visit the ACAN pages of the ANS website: <http://www.ans.org.au/acan>
I look forward to seeing you on the island!

John Bekkers

Director, ACAN



ACAN 2014

Students participating in the Australian Course in Advanced Neuroscience.

ANS Victoria

Very little to report as the year draws to a close. Although I was unable to attend this year's SOBR symposium held at the Monash Institute of Pharmaceutical Sciences it was a reported success. ANS Victoria sponsored a travel award at the meeting. The Adelaide 2014 ANS meeting is reaching the final stages of organisation with a stellar list of speakers locked in. Abstracts applications for posters are still open so if you haven't already done so please register soon. Also, ACAN applications are now open (this year will have Nobel Laureate Prof Bert Sakmann in attendance!!). Jo Britto has put in a request for us to engage in the School Outreach Program during Brain Awareness Week (10-16th March 2014, see below). Have a fantastic festive season and see you all in Adelaide.

Brain Awareness Week

School Outreach Program, Brain Awareness Week 10-16th March 2014.

In collaboration with ANS-Victoria, The Florey Institute organizes a "THINK ABOUT IT" School Outreach Program during Brain Awareness Week. This program has successfully run since 2009 and involves a talk from a visiting neuroscientist to Year 10-12 students. The Program has gained momentum over the years and we now have over 25 schools involved.

The Program requires the support of neuroscientists who are willing to share their research and experiences. Talks are normally 30 minutes and can be about the functions of the brain, new technologies or a career as a

scientist/medical researcher. We also aim to send two people per school and encourage students and senior researchers to participate. It is a rewarding experience for the speaker and schools greatly appreciate the chance to meet a real-life neuroscientist! We also provide support material and information sessions to prepare participants for their talks.

What can you do? If you know are interested in speaking, or require more information, please email schooloutreach@florey.edu.au

If you are connected to a secondary school, feel free to pass on details. It is great when we can send speakers to a school they are familiar with. Thanks in advance for your participation.

Joanne Britto



THINK ABOUT IT

School Outreach Program

International Brain Awareness Week (March 10-16th, 2014) was initiated to advance public knowledge on the progress and benefits of brain research. The Florey Institute and ANS-Vic organize the School Outreach Program for neuroscientists to visit schools and talk to Yr 10-12 students about the functions of the brain, new technologies or a career as a scientist/medical researcher.

Are you interested in participating in Brain Awareness Week 2014?

For further information, please contact schooloutreach@florey.edu.au

ANS 2014 Satellite Meetings

The 34rd Annual Meeting of the Australian Neuroscience Society will be held in the state-of-art Adelaide Convention Centre which is centrally located on the banks of the Torrens River within close walking distance of all major city hotels, motels and apartments. The final program and the abstracts will be up on the conference website (<http://www.aomevents.com/ANS2014>) soon. An email broadcast will be sent when the program and abstracts are available for viewing. Also - don't forget there are seven exciting satellite meetings happening before and after the main ANS conference. Find out the full details at <http://www.ans.org.au/meetings-events/ans-adelaide-2014-satellite-meetings>.

Brain, Body & Mind: Treating the parts or managing the whole?

February 1, 2014

The meeting is bringing together Clinicians, Neuroscientists, Psychologists, Pharmacologists and Physicists to provide a forum where the latest developments in the fields of Psychoneuroimmunology, Neuropharmacology, Receptor Pharmacology and Biophotonics will be discussed and interdisciplinary collaborations can be established.

Website: www.neuroimmunopharmacology.org/events

Registration: www.registernow.com.au/secure/Register.aspx?E=10738

Contact: Dr Mark Hutchinson, mark.hutchinson@adelaide.edu.au

Australasian Auditory Neuroscience Workshop (AANW)

National Wine Centre of Australia, Adelaide, January 27th, 2014

AANW 2014 is especially designed as an educational forum for emerging researchers—doctoral students and postdoctoral trainees—to present their work in a constructive yet scientifically critical environment. The senior scientists are present in a supportive and mentoring role. The international speakers are Dr. Charles Liberman of Harvard Medical School and Dr. Poppy Crum of Dolby Labs.

Contact: Prof. David Ryugo, david.ryugo@gmail.com

Website: <http://aanw2014.com>

ANS Vision Satellite Meeting 2014

National Wine Centre of Australia, Adelaide, January 27th, 2014

The aim of this meeting is to bring together researchers working on all areas of the visual systems from different disciplines of neuroscience to highlight how these specific research fields work together to contribute to our understanding of the central nervous system. Topics of focus will include developmental biology, circuitry and higher processing in the functioning visual system and disease models. Neuroscience disciplines involving different animal models will include developmental biology, neuroanatomy, physiology, psychophysics and behavioural research.

Contact: Dr Patricia Jusuf, patricia.jusuf@monash.edu,
A/Prof. Erica Fletcher, e.fletcher@unimelb.edu.au

Dementia, Ageing and Neurodegenerative Diseases group (DANDIS)

The Mezzanine, Hub Central, University of Adelaide, January 28th, 2014

A one day meeting featuring national/international guest speakers and focussing on oral and poster presentations by Ph.D. students and postdocs. The meeting is held during the day before the opening of the ANS conference in the evening. This year the meeting is privileged to have Professor Eric Schon, Columbia University, New York and Professor Juergen Goetz of the Queensland Brain Institute as our headline speakers on mitochondria and Alzheimer's disease.

Website: health.adelaide.edu.au/medical-sciences/news/#tab-7-content

Registration: www.conferenceonline.com/conference_invitation

Contact: Dr Ian Musgrave, ian.musgrave@adelaide.edu.au

ANS 2014 Satellite Meetings

(ANS 2014 Satellite Meetings continued)

Sensorimotor Satellite Meeting

University of South Australia, Adelaide, February 1st, 2014

The meeting will focus on recent advances in the human sensory and motor systems and neuroplasticity in sensory and motor pathways.

Website: <http://www.sensorimotorcontrolmeeting.org>

Contact: Dr Gabrielle Todd, gabrielle.todd@unisa.edu.au

NeuroEng 2014: The 7th Australian Workshop on Computational Neuroscience

National Wine Centre of Australia, Adelaide, February 2nd-3rd, 2014

NeuroEng 2014 will bring together researchers who are working at the interface between neuroscience and engineering, including researchers working in mathematical and computational neuroscience, neural modelling, neuroimaging, EEG analysis, neuromorphic engineering, and neuroprostheses.

Website: www.neuroeng.org.au

Contact: Steven Wiederman,

steven.wiederman@adelaide.edu.au

Enteric Nervous System 2; 2014 Meeting (ENS II 2014)

National Wine Centre of Australia, Adelaide, February 1st-2nd, 2014

In 1983, the one of the very first meetings on the enteric nervous system was held at Flinders University. The small and successful meeting involved the leading researchers in the field from all around the world. The meeting in 1983 identified methodological strategies and unresolved issues. Since then, an enormous body of research on the enteric nervous system has been published. This has not only improved our understanding of the control of the gut, but has arguably been a fertile source of ideas, techniques and concepts to understand the nervous system as a whole. Our aim for 2014 is to hold a similar meeting, to identify how far the field has come, which technological advances have been most influential and where ENS research is heading in the future.

Website: <http://www.aomevents.com/ANS2014>

Registration: <https://www.flinders.edu.au/finance/ipay/>

Upcoming Conferences

11th Annual World Congress of the Society for Brain Mapping and Therapeutics (SBMT)

Four Seasons Hotel, Sydney, 17-19 March 2014

The 11th Annual World Congress of SBMT will bring together physicians, scientists, policy makers, funding agencies and industry to further the advances and applications in brain and spinal cord mapping and image guided therapies (operative and non-operative). The conference aim is to create a critical mass by introducing synergy amongst interdisciplinary researchers to further understand the brain function and nervous system. The conference provides the opportunity to be at the forefront of brain sciences, therapeutics in general and neural stem cells interventions in particular.

Website: www.worldbrainmapping.org/general

Toward a Science of Consciousness 2014

Tucson, Arizona, April 21-26, 2014

This is an interdisciplinary conference known for rigorous and leading edge approaches to all aspects of the study of conscious experience. These aspects include neuroscience, psychology, philosophy, cognitive science, artificial intelligence, molecular biology, medicine, quantum physics, and cosmology as well as art, technology, and experiential and contemplative approaches. The conference is the largest and longest-running interdisciplinary gathering probing fundamental questions related to conscious experience. An estimated 700 participants from over 60 countries are due to take part. As in previous conferences, program sessions will include plenary and keynote talks, concurrent talks, posters, art/science demos and exhibits, pre-conference workshops, side trips, and social events in the Tucson tradition.

Website: www.consciousness.arizona.edu/

The 12th International Conference on Cognitive Neuroscience - ICON 2014

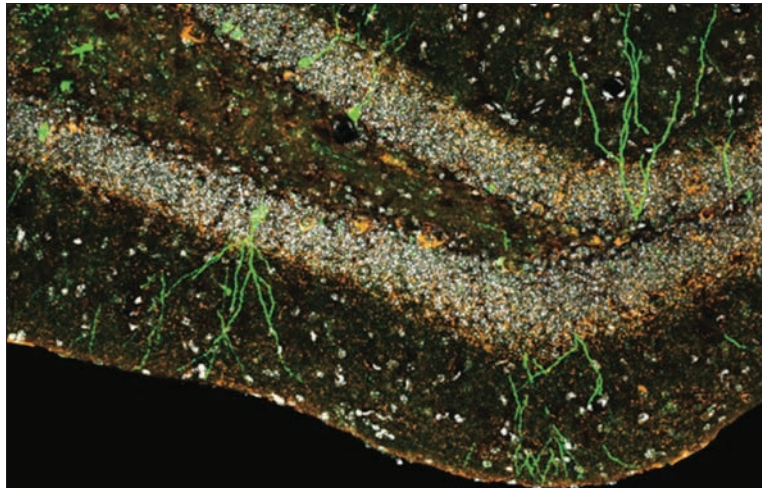
Brisbane, Australia, July 27-31, 2014

The conference focuses on the study of the neural basis of human cognition, especially through brain imaging methodologies, and brings together researchers all with an interest in the relationships between the brain, mind, and behaviour.

Keynote Speakers: Stanislas Dehaene (Collège de France), Birte Forstmann (Amsterdam), Heidi Johansen-Berg (Oxford), Russell Poldrack (Texas), Daniel Wolpert (Cambridge), Olaf Sporns (Indiana). Super early registration is now available for the first 50 full-registrations, at a discount of \$200 off the standard full registration fee. So register now for this super early discount. *Call For Symposia - Now Open.* Most of the scientific program will feature Symposia of 3-4 speakers on a focused topic. Submissions for Symposia are now open and will close 23rd August 2013 - see our website for submission guidelines. Standard abstract submission will open in September.

Website: <http://www.icon2014.org>

Upcoming Conference



Adult Neurogenesis: From Stem Cells to Therapies

Tata Institute of Fundamental Research
Mumbai, India
February 6 - 8, 2014

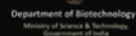
Scientific organizers:

René Hen
Amar Sahay
Vidita Vaidya

Shaoyu Ge
Magdalena Götz
René Hen
Sebastian Jessberger
Ryoichiro Kageyama
James Knierim
John Lisman
Jeffrey D. Macklis
Shyamala Mani
Guo-li Ming
Linda Overstreet Wadiche
T.R. Raju
Shankararayanan Rao
Vijayalakshmi Ravindranath
Amar Sahay
Luca Santarelli
Scott A. Small
Hongjun Song
Craig Stark
Shubha Tale
Vidita Vaidya
Su-Chun Zhang

Speakers:

Nora Abrous
Arturo Alvarez-Buylla
Perry Bartlett
Suzanna Becker
Catherine Belzung
Upinder S. Bhalla
Seth Blackshaw
Maura Boldrini
Siddharthan Chandran
Sumantra Chattarji
Fiona Doetsch
Alex Dranovsky
Amelia J. Eisch
Grigori Enikolopov
Paul Frankland
Jonas Frisén



Registration and information:
<http://www.tifr.res.in/~bfcrs/ANSG2014/Welcome.html>
Email:
adultneurogenesis2014@gmail.com

We are always interested in receiving articles or information from ANS members for the newsletter. Such material could include topics for discussion, meeting announcements, meeting reports, news about prizes and awards received by ANS members, obituaries, and any other items of potential interest to members of our Society. The copy deadline for the next newsletter is 17th October 2013.

ANS Policy on Requests for Publicity via Email Circulation

The policy of ANS is to minimise email traffic to members. Advertisements for meetings and other significant announcements such as job vacancies can be added to the website and included in the newsletter if appropriate. Such requests should be directed to the ANS Secretary.

Authorised by

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