

COLLEGE COURIER



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PRESIDENT'S MESSAGE

Writing of this column is always an opportunity for me to reflect on the work and achievements of the College. In almost every aspect of College business, Elaine Lowe has played a huge role, and 23 May 2015 marks 30 years that she has worked for the College. On behalf of the current (and previous) Council and Board of Examiners I would like to thank her for her wonderful contribution to our organisation.

Since the last Courier, the College has been busy on a number of fronts. College Council met with the Board of Examiners in the days leading up to the examiner's workshop and then reviewed the College's progress towards our strategic plan (copies of which can be found here: <http://www.anzcvs.org.au/info/publications/>). Overall, most of the aims that were established 4 years ago have been achieved. As the College heads into a new period with different challenges we will be writing a new 5-year strategic plan in February 2016. I would welcome comments from members about how they feel the strategic plan has been implemented to date, and any suggestions for the next iteration.

The time leading up to College Science Week is always very busy for a large number of people. Our office staff (Elaine, Sharon and Mary Anne) are busy doing a huge number of tasks - processing membership fees, organising the Science Week venue and program as well as the general running of the office. Kim Hudson, our Executive Officer, has been reviewing and revising a number of policies. Our examinations team (Robyn Pettigrew and the Board of Examiners) have been busy formatting and reviewing exams for a huge number of candidates (185 in 18 membership subjects and 25 in 9 fellowship subjects). The examining teams and chapter liaisons have also been working extremely hard, producing such a large number of high-quality examinations. Council is extremely appreciative of the efforts of everybody involved in the examination process.

Thanks are also owed to the organisers of the Science Week programs - it looks like an exciting and cutting edge program from a variety of chapters, with much collaboration. This coming together of experts in a variety of fields makes Science Week truly unique in Australia. We have again capped numbers at this year's event, so register as soon as you can if you haven't already done so. There are 3 plenary sessions this year. The first session on Thursday morning ("Who stole the cheese? The future role of the Chapter Examination Committees in the College), and the last session on Saturday morning ("Chapter and verse: working together to write the College book") are aimed at all interested College members. We will be discussing the way Council and Chapters can work together in refining the examination process and the ongoing viability of the College. We hope as many of the Science Week delegates attend these sessions as possible.

The plenary session on Friday is being delivered by Dr Fred Orr, a clinical psychologist on how to deal with examination stress - taming the monster. Again we encourage all potential candidates (members and fellows) and resident supervisors to attend.

I encourage you to think about how you can contribute to your chapter or College. There are currently vacancies on the Board of Examiners and Council. You could also consider becoming a mentor, serving on the chapter examination committee, chapter executive or organising committee for the next Science Week.

Thank you again to all of the hard-working people that have made this Science Week and examinations possible. And lastly, good luck to all the candidates sitting examinations this year.



EXECUTIVE OFFICER'S REPORT

Science Week is coming...

...so if you haven't booked your ticket and accommodation, it's time to get a wriggle on!

It also means that examinations are imminent - as the College largely relies on volunteers to create and run examinations, I'd like to thank all those people who make extra space in their work and private lives to help deliver this essential College function. Though demanding, being on the CEC or being an examiner is very rewarding, and I encourage anyone who hasn't volunteered for either yet to consider doing so for next year.

Membership and Fellowship are the lifeblood of the College and your collective efforts make the College both what it is today, and what it can become in future.

Chapter sponsorship

As many Chapters seek out and rely on sponsorship to fund their Science Week activities, and it won't be long before new sponsorships for 2016 will be considered, I'd like to offer a few words of advice on how to proceed.

Firstly, the College's Sponsorship Policy provides guidance on how to proceed while protecting both the Chapter and the College:

- Chapters must always maintain autonomy from the sponsoring organisation at all times, including not endorsing or promoting a company or its products (acknowledging sponsorship is certainly acceptable)
- Sponsorship agreements may be exclusive for individual specific activities only (eg. a particular presentation or event), or may have an exclusive type of sponsor (eg. pet food; medical instruments) but Chapters can not have generally exclusive deals(eg. can not simply have an exclusive sponsor for all activities)
- Sponsorship agreements may be for a number of years but must not automatically recur.

It's essential to note the approval and notification arrangements in the policy, **where prior written approval is required** by:

- the **Chapter Treasurer** for sponsorship with **value up to \$499**
- **all members of the Chapter Executive** i.e. Chapter Treasurer, Chapter President and Chapter Secretary for sponsorship with **value from \$500 to \$999**
- **The College President and Treasurer** for sponsorship with **value equal to or greater than \$1000.**

While many sponsorship agreements are straight-forward and simple, they can nevertheless have provisions in them (eg. termination clauses) which could expose the Chapter, and hence ultimately the College, to potential costs in the event of an alleged breach of the agreement. **I am always happy to look over any proposed agreement and offer advice on the suitability of its clauses.**

I would also appreciate being sent a copy of all new sponsorships (including those under \$1000) so that the College itself knows what to expect at future Science Weeks.

The College has some standardised sponsorship agreement clauses for use in all sponsorship agreements. Also, if your Chapter wants to establish a tiered system of sponsorships (eg. 'Gold, Silver and Bronze') **I will happily help you draft up a suitable agreement for this.**

Good luck to all those undertaking examinations, and thanks again to all those helping prepare and deliver them!



OBITUARY FOR DAVID BAYVEL



It is with deep sadness that I write this obituary to mark the passing of David who died on 7 April. I had the privilege of knowing David for nearly 20 years in both a professional and personal capacity. Animal welfare in New Zealand and David are synonymous. David's leadership, direction and support has led New Zealand to be one of the top countries in the world for animal welfare legislation, standards and systems.

David was a founding member of the Animal Welfare Chapter with Catherine Smith and Kevin Stafford. He was already a member of the College through his membership of the Pharmacology Chapter. He became the inaugural membership and fellowship examiner. This was one example (one of many) that reflected his ability to instigate an idea, facilitate its establishment and then withdraw quietly leaving others the opportunity to move it forward and as was his way seeking no accolades. He was awarded the College Award in 2013.

David's career in animal welfare began in 1989, when he was appointed to the Ministry of Agriculture and Forestry as the National Manager, Animal Welfare. Following his retirement in 2011, in 2012 he became the Chief Veterinary Adviser for the World Society for the Protection of Animals (WSPA), now named World Animal Protection.

His career in animal welfare is too extensive and prodigious to cover adequately and recognise fully in this obituary. It is difficult to highlight his achievements as they are too numerous to recount. David's foresight saw the statutory roles of the National Animal Welfare Advisory Committee were consolidated and expanded and recognised in the ground-breaking Animal Welfare Act 1999.

David was instrumental in encouraging the World Organisation for Animal Health (OIE) to embrace the concept, which led to the establishment of the OIE Animal Welfare Working Group, chaired by him from 2002 until his appointment at WSPA in 2012.

One of David's great strengths was his ability to interact with a wide range of players in the animal welfare space whether they be regulators, scientists, primary industry representatives, animal welfare NGO representatives, members of the public, politicians both nationally and internationally. His calm, positive, non-judgemental manner, enabled often difficult complex situations to be resolved and result in significant advances for animal welfare.

David's work was recognised on many occasions. In 2010, he received the World Organisation for Animal Health (OIE) Meritorious Service Award for outstanding contributions to animal welfare developments supported by the global veterinary profession. The New Zealand Veterinary Association recognised David's contribution by awarding him the President's Award in 2011. He was awarded a Queens Service Medal for his services to animal welfare in 2012. David received an honorary degree from Massey University, a Bachelor of Veterinary Science in 2013.

David loved life and lived it to the full. He had a great passion for golf and rugby. Many of us participated in his Ambrose Golf tournaments. He had a great wit, never forgot his Scottish background and had a great love for his wife Lieschen and children. He had a legendary passion for acronyms and mischievously took huge delight in testing other's knowledge (or lack of) of them. A lover of maxims, two rapidly spring to mind – "Be ruthless with time but courteous with people" and "Animal welfare is a journey".

This part of David's journey is over and he will be missed by many people. I am one of many who has been lucky to be a benefactor of his generously provided support, advice, guidance, patronage and friendship. Animals in New Zealand and internationally have also been the benefactor of his strong conviction backed by affirmative action. Good bye David.

Wayne Ricketts



COUNCIL ELECTIONS AND VOTING

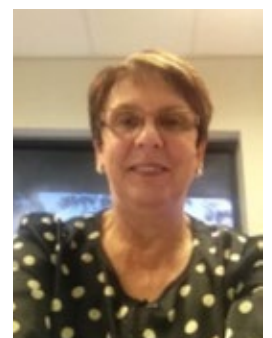
The College Council is the body that administers the College on behalf of the Membership. Your involvement is essential. Two places on Council are available for election this year. Nominations for these positions are currently being called. Dr Robert Labuc will retire from Council this year after serving nine years as a Councillor. We have been greatly appreciative of Rob's support, leadership, integrity, dedication and hard work. We thank him for his valuable contribution to the College, and wish him all the best. Dr Philip Moses has indicated that he will stand for re-election to Council. Philip plays a vital role on Council, especially through his valuable contribution as Past President.

All members should consider nominating for Council, if you have an interest in the future and objectives of the College and a desire to make a significant contribution to the veterinary profession. Councillors are offered directorship training and extensive support from the College office and find the experience of serving on Council to be a most rewarding and enjoyable one. All financial Members and Fellows of the College are eligible for nomination and election for Council. A nomination form is included at the end of this newsletter.

As a member of the Australian and New Zealand College of Veterinary Scientists, you are encouraged to vote in the 2015 Council election. Council, as the Board of Directors of the College, manages the day to day operations and strategic objectives of the College and therefore significantly influences the future of the veterinary profession in Australia and New Zealand.

CELEBRATING 30 YEARS SERVICE TO THE COLLEGE

On the 23 May I will celebrate 30 years employment with the College. From humble beginnings in a renovated garage in AVA House at Indooroopilly with 250 members, today the College office is a vibrant centre in a beautiful leafy office park with five employees. The College is a totally different organisation to the one where I commenced my employment, but with all the changes I have experienced the continued support from all the members and fellows I have worked with over the years has never changed, and I take this opportunity to acknowledge the dedication and support of all the people I have had the privilege to work with.





CHAPTERS

Dentistry Chapter

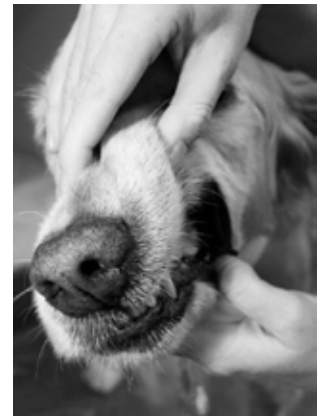
Science week is fast approaching, and the Dentistry Chapter is very excited to deliver another practically oriented program after the success of last year's rotary endodontics workshop.

In conjunction with the Equine Chapters, we are proud to announce the Equine Dental Radiology Workshop. Focused specifically on imaging techniques for the equine dentition, the workshop is being held on the afternoon of Saturday the 11th of July, with relevant lectures on Friday afternoon and Saturday morning. Please note that the Saturday morning lectures are pre-requisites for attending the workshop. Places are strictly limited, but at the time of writing, there are still some spots available. Registration for the workshop is through the Science Week registration form available at www.anzcvsc.org.au.

In addition to the joint sessions with the Equine Chapters, we are fielding one of our most extensive 3-day programs to date. In addition to healthy representation from the companion animal and equine dentistry disciplines, crossover lectures to the Welfare and Surgery Chapters have been integrated into this year's schedule.

Even if you are not an existing member of the dentistry chapter, Science Week is an excellent opportunity to see what the discipline entails and to meet potential mentors if you are considering sitting for examinations in either Small Animal Dentistry & Oral Surgery or Equine Dentistry. Science Week attendance is not limited to members of the College.

The Dentistry Chapter AGM is being held on Friday the 10th of July at 4.30pm. We are constantly striving to grow the Chapter and increase awareness of dentistry as a veterinary discipline both within and without the industry, and attendance is enthusiastically encouraged to help guide the chapter into the future.



Dermatology Chapter – Science Week

This year we are lucky to have some very experienced and entertaining speakers leading the dermatology programme - Dr Stephen White, Chief of the Dermatology Service at UC Davis, and Dr Nick Cave, Senior Lecturer in Small Animal Medicine at Massey University in New Zealand.

Dr Stephen White has been a Diplomate of the American College of Veterinary Dermatology since 1983. He is the author or co-author of more than 80 articles in refereed scientific journals whose interests include cutaneous manifestations of systemic disease, non-steroidal therapy of auto-immune disease, food allergy, congenital skin disease, exotic animal and equine dermatology. He led the research team that identified a gene mutation causing hereditary equine regional dermal asthenia, or HERDA, a debilitating skin disease in horses.

Dr Nick Cave completed a residency in small animal internal medicine at Massey University. He graduated with a Masters in Veterinary Science in 2000, entitled "The nutritional management of food hypersensitivity in dogs and cats: an assessment of a protein hydrolysate". In 2004, Nick attained a PhD in nutrition and immunology from the University of California, Davis, whilst concurrently completing a residency in small animal clinical nutrition. Nick became a Diplomate in the American College of Veterinary Nutrition by examination in 2004.

In keeping with the common interests of these speakers, there will be some key sessions on the immunopathogenesis of cutaneous food allergy and the long term management of patients with adverse food reactions, including the management of young adults on home made diets. Allergies will also be addressed in sessions on atopic dermatitis and secondary infection, as well as eosinophilic granuloma complex in the dog and cat and the use and monitoring of ciclosporin as a treatment in dogs and cats. There will also be some interesting information on cutaneous markers of internal disease, dermatologic disasters such as necrotising fasciitis, treatment of canine oral papillomatosis and recent clinical observations from practice at UC Davis. Dr Stephen White will address new findings and treatments in a session on Equine Dermatology. In keeping with the recent focus on multi-resistant bacterial infections, there will be an update from Jacqui Norris and Darren Trott on MRSP and MDRSP and some presentations from Dr David Robson on the incidence of MRSP in Melbourne and the resulting changes that have been made to hospital hygiene in an effort to control this problem.

The programme for this year is wide ranging and should contain sessions of interest to many practitioners. We look forward to seeing you there!



CHAPTERS

ANZCVS Reproductive Chapter

The reproduction chapter is not taking any direct part in College Science week for 2015. We will be returning in 2016 when we have candidates for the MANZCVS examination. We strongly encourage anyone who is interested in taking the MANZCVS reproduction examination to enrol early if they are going to join our revitalised chapter. If anyone would like more information, please don't hesitate to contact me, or anyone in the reproduction chapter to discuss the merits of the multi species examination and accreditation. The fascination of knowing more about theriogenology in general, is a feature that all of the chapter members find enthralling. We would love to welcome you to the chapter that is at the beginning of all chapters.

In 2016 we aim to link up with other chapters to make the Reproduction programme enriching for as many people as possible. The equine

and reproduction chapters have strong links, and we aim to extend this to at least the small animal and cattle chapters, and possibly others, such as welfare and anaesthesia.

The chapter committee will be changing in July of this year. Dave Hanlon will be taking over the presidency, and a new committee will be forming under his guidance. I encourage all members of the chapter to encourage interested veterinarians to take the MANZCVS examination in reproduction, and to take an active part in the continuing development of the chapter. Please don't hesitate to contact me (algunn@csu.edu.au), Dave Hanlon (dhanlon@matavet.co.nz), John Hyland (hylandj@westnet.com.au) or John Watts (j.watts@icloud.com) for anything 'reproductive'.

Theriogenology question of the issue:

When does an embryo become a fetus?

The images show an approximately 42 day old bovine 'embryo' (embryo-fetus?). The cow was presented for per rectum ultrasonographic pregnancy diagnosis, approximately 42 days (the day cattle embryos are reported to become a fetus) post insemination. There were suggestions of a 'trace' of intra-uterine fluid. Manual per vaginam examination revealed the presence of this late embryonic/early fetal loss in the vagina. This indicates that 'resorption' is highly unlikely to occur in fetal loss, and expulsion through the vulva is a more likely scenario.



Answer:

Following differentiation of totipotent cells into the cell types which form the outline of most organ systems. Once this process (organogenesis) is complete, the embryo stage is over, and the fetal stage begins. There are some suggestions that the embryonic stage is complete when the developing conceptus looks like a small adult. The fetal stage ends at the end of stage 2 of parturition.

(Most interesting of all is the etymology of the word "embryo". It is derived from the Greek word for a fetus. The Greeks referred to a fetus as an "embruon" which mean: 'em' - 'into' and 'bruein' - to swell or grow. [Rob Lofstedt: ACT listserve.]

So whilst the first paragraph of the answer is dogmatic, in reality this is unlikely to be the case.

Reference: Vejsted, M. Cellular and molecular mechanisms in embryonic development. In: Hyttel, P, Sinowatz, F., Vejsted, M. 2010. Essentials of Domestic Animal Embryology. P14. Saunders Elsevier. Allan Gunn.

President of the ANZCVS Reproduction Chapter.





CHAPTERS

Radiology Chapter

The Radiology Chapter will be holding Membership examinations in Small Animal and Large Animal Radiology and Fellowship examinations in Radiology in 2015.

The Radiology Chapter is co-hosting “Brain Day” with the Small Animal Medicine Chapter on Wednesday 6th July. See the attached flyer for details. We hope that many members will be able to attend this informative session.

There will be a number of Radiology Chapter Members speaking throughout College Science Week. A decision not to hold a Radiology Session was made in light of the International Veterinary

Radiology Association (IVRA) Meeting to be held in Perth in August. This is an exciting opportunity for Australian Imagers to showcase their camaraderie and expertise to an international audience. The IVRA meeting is held triennially in conjunction with the European College Veterinary Diagnostic Imaging Meeting. Given the recent communication regarding reciprocity with the European College IVRA will be an important meeting for establishing ties with the Europeans. We look forward to seeing, not only Radiology Chapter members at IVRA but also many other ANZCVS Members and Fellows at IVRA. <http://www.ivra2015.com>

Epidemiology Chapter

The Epidemiology Chapter have an interesting and varied program for the full three days of Science Week. This year we will be having joint sessions with the Cattle Chapter on Thursday morning.

As well as hearing about the latest work being undertaken in many different areas of veterinary epidemiology, there is going to be a mini-workshop during Science Week on evidence based medicine – relevant to all Chapters and anyone is welcome to attend.

The Epidemiology Chapter is also holding a **pre-conference workshop** – more information below. Contact Skye Fruean skye.fruean@agriculture.gov.au or Beth Cookson beth.cookson@agriculture.gov.au to register.

Pre-Conference Workshop

Animal health surveillance information systems

A participatory workshop on the use of bottom-up approaches and cloud technology in system design and implementation.

6-8 July 2015
QT Hotel, Surfers Paradise

Angus Cameron, Ben Madin, Catriona Mackenzie,
Albertus Muljono - AusVet Animal Health Services

Workshop Overview

A completely new multidisciplinary team approach coupled with advances in Cloud computing have created an important philosophical shift in the design and implementation of information systems for the collection, management and use of animal health surveillance and related information. In contrast to so many current and past systems, this approach can create powerful user-focused systems that are comprehensive, rapid, affordable and sustainable, and which provide timely and useful information for decision makers at all levels. Users, especially data providers, are placed at the centre of the system to ensure that all stakeholders gain tangible benefit and that the system is designed to remain responsive to growth and changing user needs. The use of Cloud computing provides unprecedented and affordable data management and processing capacity, allowing agile and responsive analysis of massive volumes as well as highly tailored and targeted communication.

In addition to explaining the theoretical foundations and philosophical underpinnings of the approach, this workshop will provide participants with hands-on experience in designing and implementing a functional Cloud-based information system.

Participants will be required to bring with them a real-world health information management challenge, preferably based on their current work and needs.

Continued »



CHAPTERS

Workshop Outline

The workshop will run over three days and will cover the following topics:

- Introduction
 - » Presentation of participants' surveillance challenges
- Surveillance purposes and requirements
- Philosophical foundations for bottom-up information system design
- Group work to design participants' systems
 - » Identification of system scope and objectives
 - » Stakeholder analysis
 - » Data capture and communication opportunities
 - » Stakeholder benefit/cost analysis
 - » Data management, analysis and reporting strategies
- Overview of Cloud computing capabilities and opportunities
- Principles of relational database design
- Group work to implement data management systems
 - » Launching and configuring a Cloud server
 - » Implementing a database structure
 - » Designing data capture portals and automated quality control
 - » Developing automated analysis and reporting systems
- Demonstration of a model system
- Review
 - » Critical examination of example existing systems
 - » Presentation of participants' systems

Registration and price details

ANZCVS Member, Student, Candidate preparing for membership exams

Early Bird (up to 30.04.15)	\$795
After 30.04.15.....	\$895

Non ANZCVS member

Early Bird (up to 30.04.15)	\$945
After 30.04.15.....	\$1045

(Cost is in total Australian Dollars including GST)

The registration fee includes notes, morning and afternoon teas and lunches.

For more information about this course, please contact:

Skye Fruean skye.fruean@agriculture.gov.au
Beth Cookson beth.cookson@agriculture.gov.au

Requirements for participants

Participants will need to bring with them a laptop capable of connecting to WiFi internet. No particular operating system is required. As the workshop will involve the use of some open source, free software, participants will either need administrator rights on their laptop (to download and install this software) or else a Windows operating system and a USB drive (as the facilitators can provide a USB drive with operational versions of the software pre-installed, but these will only support Windows).

Who will benefit from this workshop?

The workshop will benefit those working in terrestrial or aquatic animal, human or plant health, in a developed or developing country context, with an interest in, or responsibility for, the design, evaluation, implementation or management of information systems for surveillance or health management.

The workshop will be targeted primarily at those with an epidemiological background, who have an understanding of the need for and use of health and surveillance information.

The hands-on information technology practical sessions do not require any specific IT skills beyond a familiarity with standard software packages, but a basic understanding of the principles of relational database design would be an advantage.

The workshop will be particularly valuable for those from organisations currently planning development of new systems or reviewing existing systems.

Facilitator Biographies

The four workshop facilitators are members of a team that, over the last 3 years, researched and developed a new bottom-up approach to system design. This approach, leveraging the power of Cloud computing, has been applied and evaluated in Indonesia with the implementation of iSIKHNAS, a broadly integrated real-time animal health and production information system.

Limited enrolment

This workshop will be interactive and involve group discussions and activities. As a result there will be limitations in the number of people who will be able to attend. Interested participants are urged to enroll early to ensure they will be able to attend.



CHAPTERS

Surgery Chapter *Surgical Oncology*

I am pleased to announce that the theme for CSW 2015 from the surgery chapter is oncology. We have taken the initiative to invite other chapters to collaborate and so far have positive feedback. Our three day program will feature a balance of clinically practical as well as cutting edge talks from a range of experienced specialists in many fields.

The premier small animal facility in surgical oncology worldwide has been Colorado State University for many years. Several Australian specialist surgeons have undergone a one year Fellowship after completing specialist training. Our program features many of these people as experts in this field.

If you see oncology patients and wish to learn about diagnostic and treatment advances, please consider attending some or all of our program. I hope you will hear some balanced discussion between disciplines that will assist you in creating your own knowledge base with regards to managing these complex cases in practice.

Our agenda is to challenge dogma rather than comprehensively review each and every aspect of oncology system by system. We hope to grow your knowledge base and allow you to improve as a clinician in practice.

Here are some of the proposed topics:

- Stem cells to treat cancer
- Pre-cancerous solar induced nasal lesions - can we avoid noseotomy?
- Principles of eyelid tumour surgery
- Bone Marrow Transplantation
- Role of chemotherapy postop. - anal sac, splenic HSA, MCT, OSA
- Slow release chemotherapy pumps
- Pre and postop radiotherapy - which patients benefit?
- How to amputate for hip cancer - hemipelvectomy
- The hunt for metastatic disease: chest x-rays vs CT scan
- Is Cushing's a surgical disease? an internist perspective
- Endoscopic diagnosis of gastric and duodenal neoplasia
- Exocrine pancreatic cancer - early diagnosis, can surgery help?
- Acute paralysis due to spinal cancer - triage, palliative options
- Emergency splenectomy after rupture - is it ethical?
- Malignant pericardial effusions - open or closed window
- Can dogs survive gastroduodenectomy?

Choosing your annual CE event is now more and more important given the number of conferences on offer in Australia as well as overseas. CSW represents a consistent high level meeting where you can bring family to a warm environment and often leave a cold winter somewhere else. The conference is relatively small with 500 delegates spread over several rooms and moving from one stream to another is acceptable so that you can tailor your approach and create your own program.

Pharmacology Chapter

The Chapter of Veterinary Pharmacology held a highly successful symposium in collaboration with the Centre for Veterinary Education. The 'Pharmacology Symposium' was held at Rydges World Square in Sydney on April 16-17th and the 2 day program featured leading national and international speakers discussing clinical and applied aspects of veterinary pharmacology. Over 90 attendees provided excellent feedback on the program and generally agreed that this was a successful and rewarding event. The proceedings culminated in the 50th Anniversary T.G. Hungerford Award Dinner during which chapter member, Dr Stephen Page, was awarded the T.G. Hungerford Award for 2014.

The Cattle Chapter

The Cattle Chapter continues to be very active within the ANZCVS. Many of our members are either in cattle practice, are advisors, consultants, or research scientists in both Australia and New Zealand.

This year we have worked hard to present a Science Week programme that includes current information in several topical areas of research and in cattle production. Our theme is Therapeutics and Food Safety.

Globally these two topics are very topical and it is important that the Australian and New Zealand cattle industries remain current and well informed.

The programme includes presentations on antimicrobial resistance, feedlot epidemiology, bovine viral diarrhoea, mastitis, antimicrobial stewardship, anthelmintic use, and finally some presentations on working and opportunities in Asia and India.

The speakers this year include experts from New Zealand and Australia in their respective fields. The topics will be current, informative and will hopefully generate some vibrant discussion.

The Cattle Chapter Annual General Meeting will be held during our Science Week programme.

Special thanks this year must be passed to Dr Mark Humphris who has taken responsibility for putting together this programme.

The Cattle Chapter welcome attendees from other Chapters and we look forward to a very enjoyable few days on the Gold Coast.

Ian Hodge. Cattle Chapter President.



PRECONFERENCE SMALL ANIMAL VETERINARY NEUROLOGY – BRAIN DAY 2015

WEDNESDAY
8TH JULY 2015

8 CPD Points

Venue:

QT Gold Coast - Sunset Room
7 Staghorn Ave, Gold Coast, QLD

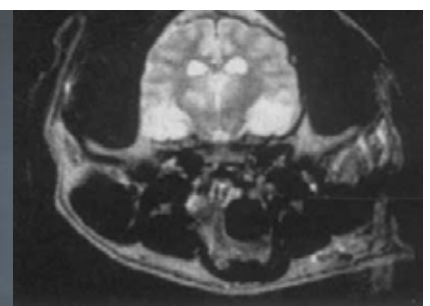
*Free on-site parking**

Program overview: This intensive advanced course will provide participants a comprehensive understanding of magnetic resonance imaging of the nervous system in small animal patients. Topics include MRI sequences, MR anatomy, congenital, vascular, inflammatory, and neoplastic brain diseases. Interactive real case based examples will improve your competency in clinical neurology.

Target Audience: This preconference day is specifically designed for residents (neurology, radiology, surgery, internal medicine, emergency and critical care, and oncology), academic staff, specialists and veterinary surgeons with a specific interest in small animal veterinary neurology. All welcome.

Conference Program

8 – 8.30 am	Registration
8.30 – 9.20 am	MRI techniques and sequences of importance for brain diseases – <i>Dr. Marjorie Milne</i>
9.30 – 10.20 am	Where are we? MR anatomy of the brain – <i>Dr. Cathy Beck</i>
10.30 – 11 am	Catered morning tea
11 am – 11.50 am	Congenital brain and skull anomalies – <i>Dr. Sam Long</i>
12 – 12.50 pm	Vascular brain disorders – <i>Dr. Sam Long</i>
1 – 2 pm	Catered lunch
2 – 2.50 pm	Inflammatory brain diseases – <i>Dr. Sam Long</i>
3 – 3.50 pm	Brain neoplasia – <i>Dr. Sam Long</i>
4 – 4.30 pm	Catered afternoon tea
4.30 – 5.20 pm	Active learning : Interactive clinical cases – <i>Drs Sam Long, Cathy Beck & Marjorie Milne</i>
5.30 – 6.30 pm	Active learning : Interactive clinical cases – <i>Drs Sam Long, Cathy Beck & Marjorie Milne</i>





KEYNOTE SPEAKER Dr Sam Long BVSc, MVM, PhD, DipECVN (Neurology), MRCVS

Head of Neurology and Senior Lecturer at The University of Melbourne Veterinary Clinic and Hospital.

Before taking up his current position, Dr Long was Assistant Professor at the University of Pennsylvania - an academic position he held for three years. Prior to this Sam completed a residency in veterinary neurology in Glasgow, Scotland, before completing a PhD in canine oncology.

Dr Long is also pursuing his diverse research interests in epilepsy, brain tumours and spinal cord trauma through a number of research

projects and collaborations with other researchers around Melbourne and internationally.

He is currently one of three certified specialist veterinary neurologist and neurosurgeons practicing in Australia and is an internationally recognised leader and speaker in veterinary neurology.



Dr Cathy Beck BVSc (Hons) Dip Vet Clin Stud MVS FANZCVSc (Radiology)

Senior Lecturer in Diagnostic Imaging at The University of Melbourne Veterinary Clinic and Hospital

Dr Cathy Beck graduated from the University of Sydney in 1992 and after working for two years in private practice, completed a mixed animal internship at the University of Sydney, Camden where she developed an interest in imaging. Cathy then moved to the University of Melbourne where she gained a Masters of Veterinary Studies and then spent six months at the Ohio State

University as a Clinical Instructor. Cathy returned to the Melbourne and gained Fellowship of the ANZCVSc in Radiology in 2002.

She is a tutor for the Centre for Veterinary Education's imaging course. Dr Beck is a highly sought after speaker with a well- deserved international reputation as a leader for teaching veterinary diagnostic imaging.



Dr Marjorie Milne BVSc (Hons) FANZCVSc (Radiology)

Senior Lecturer in Diagnostic Imaging at The University of Melbourne Veterinary Clinic and Hospital

After several years in mixed general practice, Dr Marjorie Milne has been working at the University of Melbourne as a Clinical Radiologist since 2005. She completed her residency training in June 2008, which included training at Washington State University and the University of Davis California. Dr Milne completed the Fellowship in Radiology through

the Australian College of Veterinary Scientists in 2010. She is currently completing a PhD in canine epilepsy neuroimaging.

Dr Milne has extensive experience in post graduate continuing veterinary education.

CONFERENCE COST

	<i>Early Bird until 31st May</i>	<i>After Early bird</i>
Interns, Residents, Masters / PhD Candidates, Veterinary Students	\$200	\$250
ANZCVS Members / Fellows / Associate Members, CSW speakers	\$300	\$450
New Graduates (first year only)	\$250	\$350
General Registration / Diplomats	\$350	\$500

Costs include GST, electronic proceedings, all catering, on-site parking and free WiFi. Special dietary requirements can be accommodated. All welcome.*

TO REGISTER To register please click on the following link: <http://www.trybooking.com/HCTN>

FURTHER INFORMATION

If you have any questions, or would like further information, please contact **Dr. Adrian Witham**, The University of Melbourne Vice President Small Animal Medicine Chapter **T:** + 61 3 9731 2085 **E:** awitham@unimelb.edu.au

Book Now! Early Bird Registration Closes 31st May



GOLD SPONSOR



SILVER SPONSOR

This information was correct at the time of printing. We reserve the right to change or cancel the program. Ticket sales are not transferable. No refunds will be issued after the 8th June 2015 unless we cancel the program. Car parking is subject to availability.

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SCIENCE WEEK CONFERENCE

9TH JULY TO 11TH JULY 2015
AT THE QT HOTEL, GOLD COAST

A great opportunity exists for you to be part of this valuable integrated multi-stream programme, with ample time to interact socially and scientifically with key members of the profession from Australia, New Zealand and beyond, in the following disciplines:

Small Animal Medicine	Small Animal Surgery
Equine	Animal Welfare
Cattle	Epidemiology
Ophthalmology	Dentistry
Anaesthesia and Emergency Medicine	Radiology
Feline	Pharmacology
Dermatology	Oncology

College Science Week is the flagship event of the ANZ College and presents material from the **CUTTING EDGE, including** scientific and clinical updates from Australian, New Zealand and overseas experts.

As always this meeting is **NOT RESTRICTED** to College Members – all Veterinarians are welcome. We have, however, been advised by the venue management that registration numbers are limited to 500.

Details of the full programme and registration packets are available from the College website www.anzcvsc.org.au or from Mrs. Elaine Lowe: phone +61 (0)7 3423 2016, fax +61 (0) 7 3423 2977 or email admin@anzcvsc.org.au

MANDATORY INTENTION TO SIT DATE FOR FELLOWSHIP CANDIDATES

Closing date to register intention to sit for Fellowship examinations in 2016:

30 JUNE 2015

NO applications will be accepted after this date.

Fellowship Candidates wishing to sit Fellowship examinations in 2016 should note that it is mandatory to register their intention to sit with the College office before **30 June 2015**.

NO applications to sit the Fellowship examinations will be accepted after this date. Candidates who register an intention to sit, but do not comply with current credential guidelines will be able to withdraw their application before the 31 October.

Please note that the Credentials date of 31st October remains the same, and at this time all requirements outlined in the Training guidelines must be completed.



AUSTRALIAN AND NEW ZEALAND
COLLEGE OF VETERINARY SCIENTISTS

NOMINATION OF COUNCILLORS 2015 - 2018

FULL NAME OF NOMINEE¹ _____

RESIDENTIAL ADDRESS¹ _____

DATE AND PLACE OF BIRTH¹ _____

I agree to stand for election for Council 2015-2018 _____

Signature

Proposer² _____ Seconder² _____

Block letters

Block letters

Signature

Signature

Please include a personal statement of the nominee (no greater than 100 words) and return to the Chief Executive Officer, ANZCVS, Building 3, Garden City Office Park, 2404 Logan Road, Eight Mile Plains, Qld. 4113, Australia.

CLOSING DATE FOR RECEIPT OF NOMINATIONS: 22 MAY 2015
RESPONSIBILITIES OF COUNCILLORS

1. Councillors should hold copies of and be familiar with the current Constitution.
2. Councillors have an obligation to participate actively in College affairs and activities and to this end should familiarise themselves with the decisions of the Council and Board of Examiners by reading all Minutes, Policies, Memoranda and Reports distributed by the College Office. Councillors should respond to College issues raised in these documents.
3. Councillors should maintain an active interest in the affairs and activities of the College and its Chapters and provide an avenue of liaison and guidance.
4. Councillors have an obligation to attend in-person Council meetings and the Annual General Meeting where fares, accommodation and necessary meals are paid by the College.
5. Councillors should act as ambassadors for the College by promoting membership and fellowship.
6. Councillors have the same legal responsibilities as the directors of any company of limited liability.
7. All elected Councillors must be prepared to offer themselves for office.
8. Councillors will receive extensive support from College management staff, plus training in corporate governance.

¹ Details required by the Australian Securities and Investments Commission. ² Must be a current member of the College



CONTACTS

Australian and New Zealand College of Veterinary Scientists

Building 3
Garden City Office Park
2404 Logan Road
EIGHT MILE PLAINS
QLD 4113

Telephone: (07) 3423 2016

Fax: (07) 3423 2977

Email: admin@anzcvs.org.au

Website: www.anczvs.org.au

College Apparel

COLLEGE MERCHANDISE

College Polar Fleece vests, colour Navy, displaying the new College name are now available.



VEST	\$40.00 INCLUDING GST
SILK SCARF	\$60.00 INCLUDING GST
TIES	\$45.00 INCLUDING GST
PENS	\$15.00 INCLUDING GST

**Contact the College office to place your order:
(07) 3423 2016**

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College Manager: Mrs. Elaine Lowe

Assistant College Manager: Dr Mary Anne Hiscutt

Examinations Officer: Ms Robyn Pettigrew

Admin Assistant: Miss Sharon Tinsley

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Honorary Treasurer: Dr. Michael Paton

Past President: Dr. Philip Moses

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Awards Committee Convenor: Dr. Mandy Burrows

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Asst Chief Ex (Exam): Dr Carolyn Guy

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Dr. Trudi McAlees

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NEW ZEALAND CONTACT:

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Massey University, PB 11-222
PALMERSTON NORTH, NEW ZEALAND.

Telephone: +64 6 356 9099 (ext 5057)

Email: waynericketts@wspa-asiapacific.org