

COLLEGE COURIER



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PRESIDENT'S MESSAGE

Wow, where has the first third of this year gotten to?

It's only a little while to College Science Week and the chance for you to mingle with your colleagues. We have a new look proceedings, and the program is again a credit to all the chapters that have worked hard at putting together cutting edge and informative sessions. Science Week is unique because of the capacity to interact and collaborate with different areas of the profession. If you haven't already organised time for this meeting, you should reconsider. There are some really exciting programs, and it is always a good opportunity to catch up with colleagues. We also are running plenary sessions, looking at how to perform in stressful situations (vital for examination candidates, and relevant to many situations other than exams); how to improve our fellowship training programs and lastly looking at the evolution of veterinary education. These sessions, the scientific program and the social opportunities certainly combine to make this a very special occasion.

There are many membership and fellowship candidates beginning the final run into the examination period- beginning the annual hibernation of study. We ran another successful examiner's workshop in Brisbane in February. This was run by Sharanne Raidal - who did an excellent job in assisting the exam writing teams in putting together their papers. We have run the exam workshops annually now for over 3 years, and we have seen our examiners embrace this concept. A number of larger chapters are now also running their own exam writing workshops. I would like to thank all of the chapters who have embraced the collective responsibility ethos. I would also like to thank all the tireless volunteers (the examiners, the CEC liaisons, the board of examiners, the conference organisers, the chapter executives) without whom none of this could have been possible.

The office staff have also been very busy processing registrations, annual subscriptions, examination processes and finalising the Science Week program. We also have a new look web-site. This has caused a few teething problems, as technology often does. We apologise for any issues you may have had with paying membership fees, but our office staff, in particular Sharon Tinsley, have been working very hard at keeping everything working in this regard.

At the same time as the Examiner's workshop, the Board of Examiners and Council also had their strategic planning weekend. There were discussions about volunteer workforce, maintaining the relevancy of our College and improving member value. The draft strategic plan is currently being reviewed, and we hope to be able to present the details in full later in the year.

On reflecting on my own experiences within the College I would like to encourage you all to consider how you can become involved in the College. It could be as much as nominating for Council, or deciding to turn up to the AGM or anything in between. This is your College, and we want it to work for you. This is my last Courier column as President, as I hand over to the new President in July. I feel very privileged to have had the opportunity to be so involved with the College (at chapter level, as an examiner, and on Council). The College is something that we should all be very proud to be a part of, and I am confident that the future will continue to be bright for all of the College activities. Dr Mandy Burrows is the President-Elect, and Dr Michael Paton the Treasurer and both will be nominating for re-election to Council in the upcoming elections. The rest of Council (Bruce Smith, Wayne Ricketts, Phil Moses) will stay for at least one year before deciding whether to re-apply for election. Except Phil- he has done an enormous job for the College for a large number of years and is one year into his last 3-year appointment. The Board of Examiners under the direction of Tias Muurlink, and ably assisted by the Assistant Chief Examiners Carolyn Guy and Peter Bennett do an enormous mountain of work and have been exemplary in their approach.

So, in my final Courier words as President I would like to thank the Council members (past and present) for helping me find my way in this job; the Board of Examiners for just being generally outstanding and the Office staff for making everything run smoothly. Most of all, I would like to thank all the College members and fellows for making this such a wonderful institution.

Hope you all have a pleasant and safe Easter break, and I look forward to seeing you on the Gold Coast.

Caroline Mansfield, President



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. Drs Mandy Burrows and Michael Paton both complete their three year terms on Council this year and have both indicated that they will stand for re-election to Council. Dr Burrows is the President-Elect for the College, and Dr. Paton is the current serving Treasurer. Both have been excellent advocates for the members of the College.

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 Courier.

As a member of the Australian and New Zealand College of Veterinary Scientists, you are encouraged to vote in the 2016 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.



VALE

DR TONY ENGLISH AM BVSC (HONS) PHD

The Small Ruminant Chapter expresses their condolences on the death of one of our key founding members, Dr Tony English. He has been a fellow of the Australian College of Veterinary Scientists in the medicine and management of deer since 1990. He was also appointed a Fellow of the Australian Veterinary Association since 2002. He was widely respected by the deer industry in Australia and overseas, including in Nepal and Bhutan where he worked with wild deer species. Wildlife and conservation was another of his interests. He graduated from the University of Queensland with first class honours in 1966 and his career is an inspiration to all other veterinarians.



EXECUTIVE OFFICER'S REPORT

New Website

At the beginning of March the College launched its new look website. It is much more than just a standard website which passively displays information; behind the scenes it also manages the entire data collection and processing applications for every activity involving the College's membership. It has a level of complexity unlike any other system I've used – especially considering that it caters for (a relatively small size of) about 2500 people. Introducing a whole new system always carries some risk - in the first week we noticed some connectivity and speed issues, which we asked our web supplier to work on immediately. I'm pleased to say that the site is now functioning well and behind the scenes further improvements are being made.

Anyone who is yet to renew their subscriptions can do so online by logging in, then clicking on the 'Pay Fees' box (in the 'Membership' section).

Links to the new-look program for Science Week and a registration & payment facility are now prominently displayed on the 'News' tab.

The next major change you will see will be the transferring of resources from the old Chapter websites and the activation of the 'Forum' where members will be able to post useful information for other Chapter members to see. In the meantime these old websites can still be accessed – look in the 'News' feed for interim links to these.

Science Week is coming...

As discussed above, links to the 2016 Science Week program and registration & payment are now available on the website. If you're planning to go and you haven't booked your registration and accommodation, it's time to do so!

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 are currently making 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.



THE AUSTRALIAN AND NEW ZEALAND COLLEGE OF VETERINARY SCIENTISTS SCIENCE WEEK CONFERENCE

7–9th July 2016
at the **QT Hotel, Surfers Paradise**

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*
- » *Equine*
- » *Cattle*
- » *Ophthalmology*
- » *Anaesthesia and Emergency Medicine*
- » *Feline*
- » *Oncology*
- » *Pharmacology*
- » *Animal Reproduction*
- » *Small Animal Surgery*
- » *Animal Welfare*
- » *Epidemiology*
- » *Dentistry*
- » *Radiology*
- » *Avian*
- » *Aquatic Animals*
- » *Aus. Wildlife and Zoo Animals*

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 are available on the College website on the College website www.anzcvs.org.au or from Mrs Elaine Lowe telephone +61 (0)7 3423 2016, fax +61 (0) 7 3423 2977 or email admin@anzcvs.org.au



CHAPTERS

Animal Reproduction Chapter

For the Animal Reproduction Chapter, this year sees several clashes with Science Week and other international reproduction-focused conferences. In particular, ICAR (International Congress on Animal Reproduction) and its many satellite symposia are being held in Europe, meaning that many of our chapter members are unable to attend Science Week. As a result, our committee has decided to focus on having an Animal Reproduction Chapter stream in 2017. In 2017 our aim is to continue to collaborate with other chapters as much as possible to attract reproduction-focused speakers that can share their knowledge across multiple disciplines. Our plan is to hold reproduction stream meetings every second "odd" year from next year onwards to avoid clashes with international conferences that are held in "even" years.

On the examination front, we currently have two candidates intending to sit their MANZCVS exams in 2016. Jon Hill and Anne Barnes are busy preparing the examination, assisted by Allan Gunn.

In this issue we have an informative (and humorous) piece on the origin of the word "oestrus" from Dr Scott Norman, Associate Professor in Theriogenology at Charles Sturt University.

What is oestrus?

What a convoluted evolution our name for the reproductive cycle of domestic animals has had.

While there is scholarly debate, it appears that the earliest sign of the modern word Oestrus was "Oestre" (or sometimes spelt Eostar). Oestre was an Anglo-Saxon Goddess representing spring, fertility and re-birth (Bede circa 720). A similarly named goddess "Ostara" (also "Eostre"), is recognised in Germanic custom.

If not already fuzzy, the etymology then becomes a little fuzzier. There is the Greek word Oistros, meaning "vehement desire" (Feldman and Nelson, 1987, p400). Yet there is also a Latin word Oestrus, meaning Gad-Fly (Agard 1937), which may have been derived from the Greek oistros. Now a Gad-fly is a general name for a horse-fly, bot-fly (remember Oestrus ovis?) or warble fly. All of these have the ability to annoy animals, increasing their activity, and making them rub up against each other. So it now becomes a chicken-and-egg scenario. Did the period of sexual activity in animals look similar to animals being annoyed by Gad-flies. Or did the Gad-fly induced activity of animals make them appear as if they were in the fertile phase of their cycle?

One intuitively senses (and hopes) that the name of the fertility cycle is derived from the Latin modification of the original Greek word "Oistros"; evolving from the name of the Goddess of fertility, rather than Gad-fly-induced restlessness.

Other words of similar etymology are – Easter (new life and fertility), Oestrogen (hormone of the fertile period), East (where the new day dawns).





CHAPTERS

Small Ruminant Chapter

The executive of the Small Ruminant Chapter met on the 15 February 2016 with 2 members face to face and one by teleconferences. Items covered included:

- » Bank account
- » Deer Examinations – suggestions for examiners are needed
- » Science week – unfortunately the chapter won't have a chapter stream or day in 2016, but if we can find a volunteer to organize, we can hope to do so for 2017. Contact Sandra Baxendell (goatvetoz@gmail.com) if you have the time to help.
- » Improving communications with members

Dairy Goat Industry Strategic Planning

Two members of the executive of the Small Ruminant Chapter attended a Rural Industries Research & Development funded dairy goat industry strategic planning meeting, in Melbourne in mid-February 2016. Joining representatives of the commercial dairy goat industry from most states, our two members helped to identify objectives and then to prioritize them. Coming high up on the list were:

- » Nutrition
- » Goat health, welfare and biosecurity
- » Access to veterinary medicines

These are all topics where the ANZCVS members from the Small Ruminant and other chapters, can help with expertise.

The two executive members, Sandra Baxendell and Diane Ryan, will continue to have input into the draft version of the Strategic plan for future R&D needs for the commercial dairy goat industry by email.





CHAPTERS

Ophthalmology Chapter

In January 2016 the Ophthalmology Chapter had their interim meeting in Hobart at the Grand Chancellor. The meeting was kindly organised by Dr Andrew Turner who did an amazing job! The scenery was spectacular.

A very big thank you to Professor Andrew Metha for presenting a fascinating insight on the concepts of colour vision and also sharing his research and images of the retina.

It was lovely to connect on a personal level with so many members again. Special mention to our overseas guests including Dr's Dave Maggs, Anne-Marie Verbruggen and Akhiko Saito. In addition we were thrilled to have Dr Frank Billson share his findings on optic nerve hypoplasia.

The next Chapter event will be held at Science Week 7 – 9 July 2016 on the Gold Coast. This year on Thursday 7 July the Ophthalmology Chapter is reviewing glaucoma. Everything from the presenting clinical signs of glaucoma, the genetics behind glaucoma, feline glaucoma to surgical and medical management of glaucoma will be discussed. Then on Friday 8 July the Ophthalmology Chapter will be joining forces with the Anaesthesia Chapter to discuss how to better manage pain in ophthalmic patients both at the time of surgery and longer term. So join us to learn how to better manage your glaucoma patients.

The Ophthalmology Chapter is certainly growing. This year we will have three candidates for fellowship examination. We wish them all the very best in their preparation.

We hope to see you there!

Veterinary Behaviour Chapter

The Behaviour Chapter is in the final stages of putting together an educational and inspiring three days of lectures for Science Week. If you have not already, make plans to head up to the Gold Coast in July. Do not miss out on the cheap air fares that are available at the moment. Given we did not run a programme last year, we are looking forward to gathering together as a chapter once again.

As well as lectures, the annual meeting for the Chapter will be held during the conference. This is your chance to have a say on how the Chapter is run, so do not miss the opportunity. We will be looking for a new president-elect so seriously consider if you are able to put your hand up and help out. The position is not demanding time-wise.

Surgery Chapter

In response to ongoing discussions on mutual recognition the ACVS Board of Regents recently agreed to allow ANZCVS Surgery Chapter members to attend ACVS meetings at the same cost as DACVS.

While this is a small step it is none the less important in regards to ACVS recognition of our College.

This year ACVS is in Seattle and next year in Indianapolis.

(See <https://www.acvs.org/surgery-summit/upcoming-meetings>)

If you wish to take advantage of this offer please email directly ACVS's Accounting Manager, Blair Thomas, bthomas@acvs.org, at the time of registration.

Philip Moses, Councillor

Australian and New Zealand College of Veterinary Scientists Science Week SURGERY CHAPTER MEETING

QT Hotel, Surfers Paradise July 7-9th 2016

World class speakers present a Three-day program on SA Surgery

Topics include:

Elbow Dysplasia – managing FCP, ulna osteotomy

Cruciate Disease – evolution of the extra capsular

Cruciate Disease – Why I use..TPLO, TTA, TTO, CBLO

Shoulder Instability – pathogenesis and diagnosis

Shoulder Instability – treatment and outcome

Minimally invasive plating methods – fore and hind

Locking plates – when and why, application

The collegiality of this meeting has to be experienced. Multiple streams are run concurrently by several chapters S & LA

Science week is always an outstanding conference. You do not have to be a member of the college to attend. ☺



- * Brian and Don together, World experts for the first time on our patch
- * Cutting edge orthopaedics

See the college website to register www.anzcvs.org.au

THE SPEAKERS

These two wrote the book – literally...
Co-authors of the industry-defining textbook, Small Animal Arthroscopy



Brian Beale, DACVS

Following his residency in surgery in Florida, Dr. Beale has been assistant Professor at both the University of Florida and Texas A&M prior to joining Gulf Coast Veterinary Specialists. He is a leader in orthopaedics globally.



Don Hulse, DACVS

For the past 30 years, he has served as a Professor of Orthopedic Surgery at **Texas A&M University**. He is a recognized leader in veterinary orthopedics having developed many SA joint procedures and championing minimally invasive surgery.



CHAPTERS

Cattle Chapter

The Cattle Chapter is excited that we have several members currently considering enrolling in a Fellowship program. An increased number of Fellows would be a positive step for the Chapter and we are currently working to facilitate this by updating the Fellowship Guidelines. Could all members also consider which colleagues they could encourage and support to sit a Membership exam in 2017? A reasonable number of candidates will facilitate the formation of active study groups.

The conference organising committee headed by Mark Humphris has been focussing on finalising the program for Science week. We are grateful to all members of the conference organising committee for their ongoing input and are excited to commence Science Week with a joint session with the Pharmacology Chapter on Thursday morning. Speakers include Ted Whittem and Stephen Page. After lunch we move into our main theme of **“The economics of improving health and welfare outcomes - Using science to maximise farmer returns”**. The speaker line-up represents a range of cattle industries; northern and southern beef and the New Zealand and Australian Dairy industries. The conference will include a workshop style session on Friday.

The keynote speaker will be Mark Wustenberg from Tillamook, Oregon. Other confirmed speakers include Dave Hawkins, Bill Malcolm, Jim Shovelton, Tom Walsh, Tim Moravek, Neil Lane, Charles Chase and Richard Shephard. We also have a number of younger scientists presenting their post-graduate research.

Have a look at the program to see how interesting and informative the conference will be! For those who have not been to Science Week for a while, the Cattle Chapter aims to produce a thought provoking meeting, where you will learn about cutting edge initiatives in a wide range of beef and dairy fields. The conference is relatively small allowing for some interesting debates between talks, and this year we are promoting this by encouraging speakers to allow at least 10 minutes for active discussion at the end of their presentation. So please consider how warm the water is in “the Goldie” in July, when planning your CE for this year. Register for Science Week now!

Alison Gunn, Chapter President





CHAPTERS

Radiology Chapter

For CSW 2016 the Radiology Chapter will be holding a "Pre CSW" education day as a combined meeting with AAVDI. We are excited to have Dr Randi Drees from the Royal Veterinary College as the key note speaker. Dr Drees will be speaking on CT with topics including CT angiography of the abdomen and thorax, CT of the GIT, liver and ureters. Dr Drees is an internationally renowned CT educator and it is very exciting that we have been able to invite Dr Drees to bring her expertise to Australia. Dr Drees' talks will be complemented by Dr Mariano Makara from the University of Sydney speaking on contrast bolus design and injection. Dr Makaras' work on CT bolus design and injection may lead you to change and improve your CT contrast studies. We welcome you all to this very exciting and no doubt extremely valuable day.

For registrations and further information please go to <http://aavdi.org/main/>. Registrations will open on April 4th.

The "Pre CSW" day will be followed by CSW where the Radiology Chapter will be holding sessions on Thursday and Friday. Dr Drees will be speaking on CT once again for 2 sessions on Thursday. For Thursday afternoon we will join with the Surgery Chapter and Friday afternoon we will join with the Small Animal Medicine Chapter for an interactive film reading session. The Chapter executive have worked hard to put together a program that we hope will appeal to many members. The Radiology Chapter AGM will be held at 4.30 pm on Friday 8th July in the Orchid Room, Level 22 of the QT Hotel.

Animal Welfare Chapter

The Science Week program for the Animal Welfare Chapter is set to be diverse, stimulating and thought provoking. As introduced last year, other Chapters have been invited to speak on welfare issues relating to their Chapter in the 'Lion's Den.' So far, we have aquatic animals, small animal surgery (brachycephalic breeds), animal behaviour with more to come. In the general program, other interesting topics include jumps racing, ethical cat cafes, and livestock truck rollovers. On Saturday afternoon the Chapter will be hosting the inaugural 'University Challenge.' This will be sure to set the cat amongst the pigeons so come early to get a good seat. A big thanks to Ian Dacre and Melanie Latter for organising such a fantastic program and of course an extra special thanks to all speakers who have committed. We look forward to sharing thoughts and ideas on animal welfare.

The other exciting news is the call for nominations for the 2016 David Bayvel Memorial Award for Excellence in Animal Welfare. Dr Bayvel, who sadly passed away last year, made an outstanding contribution in animal welfare in New Zealand and globally. This Award honours his work and recognises the achievements of an individual veterinarian who has demonstrably improved the lives of animals. The inaugural winner (2015) was Dr Andrew Fisher, Melbourne University and the Chapter looks forward to receiving many high calibre submissions for this prestigious award. Andrew became a Member and then Fellow of our Chapter in 2001 and 2010, respectively, and has been a Membership Examiner for the College and been instrumental in establishing animal

welfare standards within Australia's livestock industry. This year's nominee must be nominated by a current member of the Animal Welfare Chapter but do not need to be a member themselves. Nominations close on 15th April with the nominee providing a submission by 15th May to the Award Secretary Tanya Stephens - tanya7stephens@gmail.com. The Award is provided jointly by the Animal Welfare Chapter and World Animal Protection.



Pictured above is 2015 award recipient Prof Andrew Fisher with Dr Ian Dacre and Dr Peter Thornber



CHAPTERS

Equine Chapter

As we begin the year we would like to bring you up to date with the plans of the Equine Chapter.

1. Science Week 2016. The Equine Chapter is excited to announce we will be having a Sports Medicine theme for Science Week in 2016. We are thrilled to be having two international key note speakers; Dr Pete Ramzan and Dr Sarah Powell from Rosssdales Equine Practice in Newmarket, UK. Pete has recently published his text 'The Racehorse: A veterinary manual' which is a definitive guide to veterinary problems encountered in racetrack practice. Dr Sarah Powell is a specialist in veterinary diagnostic imaging and is responsible for overseeing the diagnostic imaging service at Rosssdales, she also provides a consultancy service reading images from within the UK and other parts of the world. She has published widely and has a particular interest in comparative imaging of subchondral bone disease in racing Thoroughbreds. We also have many local speakers with vast experience and expertise to share including Dr Sam Franklin from the University of Adelaide, Dr Robin Bell from the University of Sydney and Dr Stuart Vallance who is in private practice in Melbourne. Exercise physiologists Dr David Evans and Allan Davie will also be speaking. We are really looking forward to Science Week in 2016 and we hope we will see you there.
2. Study groups and mentorship. We have a number of candidates enrolled for the membership in Equine Surgery in 2016. We encourage all candidates to contact Dr Laura Nath lauracnath@gmail.com if they are interested in being a member of a study group or are looking for a mentor. Additionally, we encourage candidates considering membership in Equine Medicine in 2017 to think about forming study groups soon. They may contact Gareth Trope gareth.trope@gmail.com so that we can link potential study group members up with each other. Study groups are a valuable way to prepare for the examinations and can provide mutual support as well as helping candidates to expand the depth and breadth of their knowledge. In the past study groups have held regular meetings over Skype so they are not limited by proximity. We would also encourage all candidates to seek out a mentor, contact Gareth, Laura or the College if you would like some assistance with this.

3. Equine Practice Membership. We are currently considering a new membership subject in Equine Practice. This would include aspects of medicine and surgery, although we would not expect the same level of knowledge as for these individual disciplines. The examination would also include a strong component of diagnostic imaging and reproduction. Prior to proposing this to the College we need to establish that our membership is interested in introducing this subject. We have had several supportive comments on our facebook page. Please contact Laura Nath lauracnath@gmail.com or Liz Walmsley eawa@unimelb.edu.au if you think yourself or other colleagues would be interested in this.
4. The Equine Chapter has proudly held a joint research session with Equine Veterinarians Australia (EVA) at the Bain Fallon Memorial Lectures. Each year we award a college prize for an abstract presented at the conference. We are currently developing guidelines for the criteria by which the prize should be awarded. We hope that this prize would go to the paper with the most scientific merit, and would ideally be a hypothesis driven prospective study. The current members of the executive do not think that the prize should be restricted to people with membership or fellowship of the College. This is because we do not wish to restrict the candidates who would be eligible for the prize and would like to use the prize as an opportunity to encourage people to consider membership of the College. We seek the thoughts of the general membership on this subject. Please let us know if you think the prize should or should not be restricted to members or fellows of the College. Please also let us know what criteria you think is important. Contact Gareth gareth.trope@gmail.com to provide a comment.

We look forward to catching up with as many as possible of you at Science Week and always welcome your thoughts and comments throughout the year.

Best wishes,

*Tias Muurlink, Gareth Trope, Liz Walmsley and Laura Nath
Equine Chapter Executive*





CHAPTERS

Small Animal Chapter

This year's College Science Week promises to be a great conference.

The Feline Medicine Chapter are hosting a pre-College Science Week Masterclass day on Wednesday 6th of July at the QT Hotel, Gold Coast. This will be a state-of-the-art program with presentations from world renowned experts Dr Severine Tasker, Dr Kit Sturgess, Dr Andy Sparkes and Dr Richard Mallk. Topics include iCatCare/ISFM updates, early diagnosis of renal disease, Haemoplasmas, coagulation, PCR, genetic diseases, and feline inflammatory diseases. Places are limited and we encourage all members to attend. To book, please email katherine.anne.briscoe@gmail.com

We have shifted the abstract day to Friday 8th of July so we can have a full day shared program with the Feline Medicine Chapter on Thursday 7th of July. The Master Class speakers will be there on Thursday, with support of local star Dr Mark Westman. Topics covered will include feline anaemia, FIP, thoracic wall deformities in kittens, inflammatory bowel disease, how to do clinical research in practice, FIV vaccination and a run down of key findings published in the Journal of Feline Medicine & Surgery over the last year.

Friday's Canine and Feline Medicine Research Abstracts are steadily rolling in, and should be sent to Mary Thompson Mary.Thompson@murdoch.edu.au by 11:59 pm AEST 29th of April 2016. Friday's program also has a shared oncology abstract session, and a shared interactive film reading session with the Radiology Chapter. We will send out details about the cases so you budding radiologists can get a head start. The program for Saturday 9th of July has a strong endocrine focus with talks on the molecular pathogenesis of feline hyperthyroidism, diabetes mellitus complications, treatment and GLP-1 mimetic drugs, and diabetic ketoacidosis. The afternoon has a rich

gastrointestinal focus with lectures on gastrointestinal histopathology for medics, diagnosis and treatment of protein-losing enteropathies. Professor Johan Schoeman is traveling from the University of Pretoria to deliver lectures on endocrine and metabolic changes in severe inflammatory disease, and evidence based corticosteroid therapy in critical illness.

The convening team thank all the expressions of interest to present. You made our job challenging with so many great suggestions. Thanks to Hill's Pet Nutrition for their ongoing and generous support of our Chapter which enables us to put on such a great program.

We warmly welcome all Small Animal Medicine and Feline Medicine Chapter members to attend the Hill's cocktail party on Friday 8th of July, Stingray bar outside of the QT. Drink tickets will be available beforehand at the Chapter AGM at 5 pm. Please send me your AGM items. We also welcome nominations for the Chapter Service Award, and details are on the College website.

We wish candidates every success for their upcoming Membership and Fellowship exams. We thank the hard work of the examiners, head subject examiners, chapter liaisons, CEC, mentors and supervisors in helping support this process. My thanks to the chapter executive team for all your tireless work.

Hope to see you at Science Week

Adrian Witham
President Small Animal Medicine Chapter
awitham@unimelb.edu.au



CHAPTERS

Epidemiology Chapter *Pre conference workshop 4-6 -July 2016 QT Hotel, Surfers Paradise*

Spatial Epidemiology 2.0 – from addresses and polygons to interactive dashboards

Presenters: Mark Stevenson, Simon Firestone, Uli Muellner

Spatial epidemiology is the study of spatial variation in disease risk or incidence. This involves incorporating the spatial component into the reporting and analysis of animal health data and mapping the outputs to advance understanding and explanation of disease dynamics and patterns of spread.

Spatial data is now readily available (and free!) from many online sources. This workshop focuses on making the most of it and new online tools in your line of work.

In this workshop we will showcase and introduce tools we have recently developed in the field of veterinary epidemiology, in particular freely accessible Google Maps and RStudio Shiny applications.

At the completion of this workshop, participants will be able to:

- » Formulate clear plans for the visualisation of their data (both spatial and/or non-spatial)
- » Manage their own spatial data from scratch for incorporation into GISs, apps and dashboards
- » Build basic interactive and real-time dashboards with Google tools which can be viewed online
- » Utilise different Google tools to create charts time dashboards and maps
- » Build a basic RStudio Shiny app and “Get your own app up online”
- » Consider different strategies as well as pros and cons of available tool kits for spatial data analysis and visualisation.

Interested? Now is a great time to get started!

Who will benefit from this workshop?

The course is designed such that participants with varied experience in epidemiological analysis can attend. Participants will be provided with a choice of exercises tailored to different levels of background knowledge. Knowledge of epidemiological analysis and geographic information systems is desirable.

The workshop will benefit those working in animal, human or plant health, in private or public veterinary practice, with an interest in, or responsibility for, the presentation and visualisation of animal health data and findings from epidemiological and other analyses.

Workshop details

The workshop will run over three days. The course will start with introductory material on epidemiological analysis of spatial data and develop to more complex issues around spatial data analysis and interactive data visualisation.

We will teach using an interactive combination of presentations, exercises and group discussions.

We will introduce and actively work with R, QGIS, HTML, CSS and JavaScript programming (will be tailored to workshop participants experience and needs) to manage data and create the dashboards and outputs. Guidance for dashboard creation, step-by-step instructions and reference material will be provided.

A final course schedule will be provided to the participants after registration as we aim to tailor the workshop to the background.

Registration and price details ANZCVSc Member, Student, Candidate preparing for membership exams

Early Bird (up to 27.04.16) \$825
After 27.04.16 \$925

Non ANZCVSc member

Early Bird (up to 27.04.16) \$975
After 27.04.16 \$1075

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

For more information about this course or to register please contact:

Marta Hernandez-Jover mhernandez-jover@csu.edu.au

Joshua Aleri joshua.aleri@unimelb.edu.au



ANZCVS Feline Chapter

Pre-College Science Week Masterclass Day

Wednesday 6 July 2016 • QT Hotel Gold Coast, Queensland, Australia

Are you a keen feline practitioner looking for a state-of-the-art level feline conference? Look no further! The Feline Chapter is holding it's first feline masterclass day, featuring presentations from world renowned feline clinicians. These expert speakers will also be presenting on a range of other feline topics on the first day of science week.

08.00	Registration and coffee
08.45	Welcome Kath Briscoe and Andrea Harvey
09.00	iCatCare/ISFM update Andy Sparkes
09.30	Up and coming diagnostics for the early diagnosis of renal disease Kit Sturgess
10.30	Morning tea
11.00	Haemoplasmas – of cats and men Séverine Tasker
12.00	Coagulation – what's different about cats? Kit Sturgess
13.00	Lunch
14.00	The ins and outs of PCR for internists Séverine Tasker
15.00	The cutting edge of feline genetic diseases Richard Malik
16.00	Afternoon tea
16.30	Diagnosing and monitoring feline inflammatory diseases – catching up with canine medicine Kit Sturgess
17.30	End

Check out the speakers again on the first day of science week!

On Thursday 7 July, there will be a full day of feline medicine with all the speakers, plus local star Mark Westman. Topics covered will include feline anaemia, FIP, thoracic wall deformities in kittens, inflammatory bowel disease, how to do clinical research in practice, FIV vaccination, and a run down of key findings published in the *Journal of Feline Medicine & Surgery* over the last year.

For more information on registering for College Science Week, visit www.anzcv.org.au

Registration fee: \$250

Speakers



Dr Séverine Tasker
Keynote speaker



Dr Kit Sturgess
Keynote speaker



Dr Andy Sparkes



Dr Richard Malik

in collaboration with



Limited number of spaces available

To book, email katherine.anne.briscoe@gmail.com



CONTACTS

Executive Officer: Mr Kim Hudson

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Assistant College Manager: Dr Mary Anne Hiscutt

Examinations Officer: Ms Robyn Pettigrew

Admin Assistant: Miss Sharon Tinsley

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SILK SCARF \$60.00 INCLUDING GST

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AUSTRALIAN AND NEW ZEALAND COLLEGE OF VETERINARY SCIENTISTS

NOMINATION OF COUNCILLORS 2016—2019

FULL NAME OF NOMINEE¹ _____

RESIDENTIAL ADDRESS¹ _____

DATE AND PLACE OF BIRTH¹ _____

I agree to stand for election for Council 2016—2019 _____

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 Executive Officer, ANZCVS, Building 3, Garden City Office Park, 2404 Logan Road, Eight Mile Plains, Qld. 4113, Australia.

CLOSING DATE FOR RECEIPT OF NOMINATIONS: 20 MAY 2016 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