

College Courier

March 2019



PRESIDENT'S MESSAGE

New office, CEO search update

EXAMINATIONS INFORMATION

SCIENCE WEEK UPDATE

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EDITOR'S DESK

Welcome to the Autumn edition of the College Courier. The College is busily preparing for the upcoming membership examinations and processing membership renewals, which are due on 31 March. Science Week preparations are also well underway with registrations now open and the preliminary program available for viewing.

Please email marketing@anzcvs.org.au if you would like your contribution to be considered for the next edition of the Courier.

PHOTO CONTRIBUTIONS

We are always looking for interesting and relevant photos to use within this publication. If you are a budding photographer and would like to submit a photo, please email marketing@anzcvs.org.au. We will credit all photos used.

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College Apparel

 **T SHIRTS**
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 **SILK SCARF**
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 **VESTS**
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Contact the College office to place your order (07) 3423 2016

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Dr Bruce Smith

Past President
Dr Amanda Burrows

Councillors
Dr Caroline Mansfield
& Dr Amy Lane

Chief Examiner
Dr Carolyn Guy

Awards Committee
Convenor
Dr Amy Lane

Honorary Secretary
Dr Wayne Ricketts

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Dr Carolyn Guy

Board Members

Dr Tias Muurlink

Asst Chief Ex
(Tr. & Cred.)
Dr Peter Bennett

Dr Katherine Briscoe

Dr Gabby Musk

Asst Chief Ex
(Exam)
Dr Sharanne Raidal

Dr Stephen Atkinson

Dr Linda Abraham

Dr Jennifer Carter

Dr Zoe Lenard (President – ex officio)

NEW ZEALAND CONTACT

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STAFF

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Mr Shane Klintworth

Assistant Examinations
Officer
Mrs Lynda Kennedy

College Manager
Dr Mary Anne Hiscutt

Project Officer
Dr Rachel Tan

Assistant College Manager
Ms Sharon Tinsley

Marketing, Membership and
Events Coordinator
Mrs Thy Boskovic

Examinations Officer
Ms Robyn Pettigrew



➔ PRESIDENT'S MESSAGE

Dr Zoe Lenard, President



EXAMINERS WORKSHOP

On Feb 9-10th the ANZCVS held its annual examiner's workshop in Queensland. Over fifty examiners flew in from around Australia and New Zealand in a diverse range of Membership and Fellowship subjects to get together in a workshop and learn about the process of examining, as well as, importantly, to create their examination material.

Held by the Board of Examiners (led by Chief Examiner Dr Carolyn Guy) and facilitated by Dr Liz Norman MANZCVS, the workshop provided educational guidance in the process of delivering quality examinations.

Liz has extensive experience in examination quality assessment so that the process of designing blueprints, drafting questions and developing marking criteria ensures that our exams are valid, fair, and cover the breadth and depth of material in the learning outcomes.

The workshop allowed examining teams to work in small groups to create their written and oral/practical exams, all with the benefit of having the entire Board of Examiners' expertise on tap, in the room.

The weekend was highly successful and allowed a large amount of cross-disciplinary fertilisation, as examiners between different disciplines took advantage of the opportunity to talk to other subject experts and share ideas and case material.

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Examiners attended in a variety of Subjects with seven Fellowship and 11 Membership subjects represented. Beyond the rigorous but satisfying work of creating quality exams, I found the weekend a really exciting way to meet a range of Members and Fellows from different disciplines, including socially at dinner on Saturday night.

Many participants commented to me that the workshop highlighted the benefits of being an examiner: Members and Fellows are able to give back to the College but gain valuable skills in training, examining and professional development, as well as interacting with others that they may not come across in their routine working lives.

I would like to commend the Board of Examiners and College staff for their commitment to providing the annual Examiners Workshop in February: our feedback is that it is a highly useful and exciting initiative.

The ANZCVS Council and the Board of Examiners used the opportunity to meet at the same time to discuss our plans for progress in examining and in the College as a whole. A range of exciting initiatives will be rolled out in the near future, pertaining to exams, Science Week and Member engagement.

MEMBERS AND FELLOWS ARE ABLE TO GIVE BACK TO THE COLLEGE BUT GAIN VALUABLE SKILLS IN TRAINING, EXAMINING AND PROFESSIONAL DEVELOPMENT...

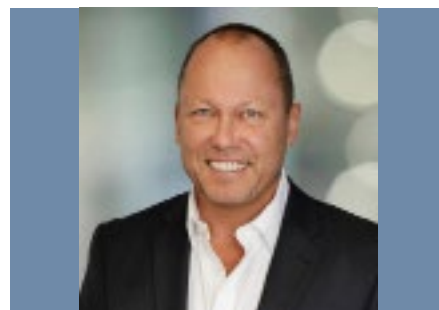
NEW CEO

At the end of January the ANZCVS appointed a new CEO, Mr Shane Klintworth. The CEO position was recently created to help guide Council and the ANZCVS through this phase of exciting growth we are experiencing, and to allow Council to be more strategic in our assessment of our needs and values.

Shane is an experienced CEO and senior executive with over 25 years' experience in successfully leading organisations through significant change programs arising as a result of industry, legislative, and organisational reform.

With a background in the human services and the not for profit sector, Shane's leadership style is collaborative, inclusive and respectful.

He is passionate about excellence in services, influencing positive change through the application of ethical, accountable and responsible professional leadership. Shane has added great value to our organisation in the short time he has been involved



with the College, and brings a really enthusiastic approach to Member engagement. Shane is leading our able and dedicated team of College staff, and is contactable at the College office or via email (ceo@anzcvs.org.au).

The College staff comprises of

- CEO: Mr Shane Klintworth
- Administration/management team: Dr Mary Anne Hiscutt (College Manager) and Ms Sharon Tinsley (Assistant College Manager)
- Examinations team: Ms Robyn Pettigrew and Ms Lynda Kennedy
- Marketing, Events and Member Engagement: Mrs Thy Boskovic
- Project Officer: Dr Rachel Tan

SCIENCE WEEK

We approach with excitement Science Week for 2019. At the new location of The Star, Gold Coast, our annual conference, 4, 5 and 6 July, has been expanded to provide an improved delegate experience with a streamlined scientific program.

The Science Week Committee has been working hard to ensure several new features, including centralised proceedings and abstract management, a conference app and better access to our trade partners and sponsors. The social program is exciting and the quality of the scientific program is always a highlight. More information about the whole conference can be found [here](#).

→ CEO COLUMN

Hello! I would like to take this opportunity to introduce myself to you. My name is Shane Klintworth and I am the recently appointed CEO of the College.

My professional background is in the human services sector with over 20 years of experience in a range of frontline and leadership roles. This has predominantly involved working with vulnerable and disadvantaged individuals, families, and communities, and assisting them to realise their hopes, dreams and aspirations.

Within my work I am passionate about building respectful relationships, creating an environment to support change (trust), and leveraging natural strengths for the benefit of those that we collectively serve.

It has been an amazing few weeks and I have been fortunate to have been welcomed to the College by a supportive and high functioning team. I have also had the opportunity to attend both Council and Board meetings, as well as meet a number of members at the Examiners workshop recently held in Brisbane.

Attending these meeting provided wonderful insight into the commitment, talent, passion, and enthusiasm of our Members and the workings of the College.

Zoe and the Council have outlined an exciting vision for the College and its future, one where we seek to collectively build on the foundations of those that have come before us, and build a College that continues to



drive excellence in Veterinary Science, creates strong connections amongst members, and a future in which the College thrives.

I am excited by the prospect of working with you to deliver on this vision. To this end, please feel free to contact me at the College with your thoughts and comments on the ways in which we can deliver on this vision. My email address is ceo@anzcvs.org.au and my mobile number is 0439740857.

Thank you again for the warm welcome to the College and I look forward to meeting many more of you in the coming weeks and months.

Best regards
Shane

COLLEGE NEWS

 Rachel Tan,
Project Officer

PROJECT OFFICER UPDATE: MARCH 2019

The College has progressed many major initiatives in the last few years and continues to work in a number of areas to improve the examination process and standing of Members. The Board of Examiners had voted to progress three major projects at the last meeting: exam week, electronic management of assessment (EMA) and maintenance of credentials (MOC).

Exam Scheduling

Over many years the College has received consistent feedback that candidates would prefer their written, oral and practical exams to be consolidated into a single time period. A survey conducted from October 2018 to January 2019 had responses from 351 people.

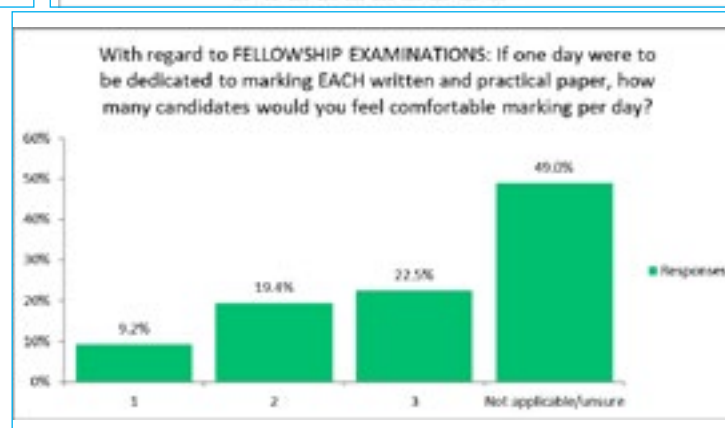
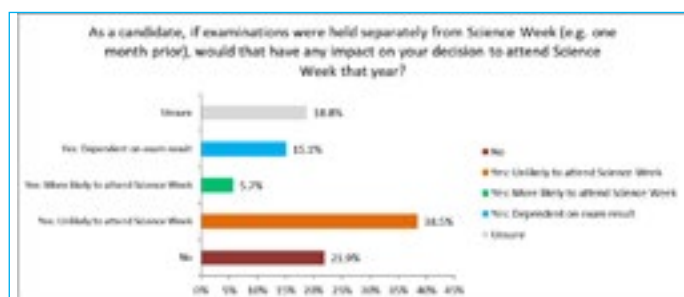
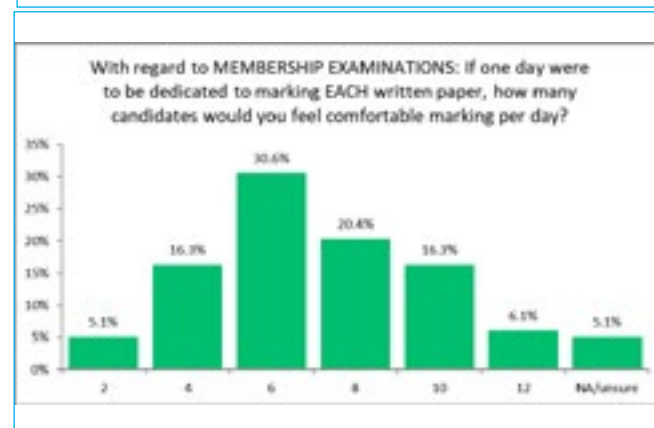
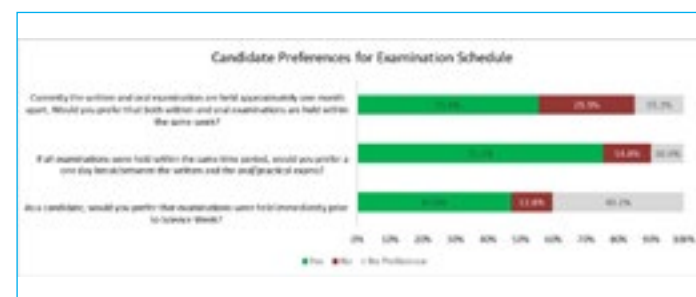
From the perspective of a candidate, just over half preferred a consolidated exam week with a break between written and oral/practical exams.

Although close to half had a preference for the examinations to be held prior to Science Week a similar percentage were ambivalent. However, data from 2018 indicates only 17.8% of candidates who undertook Membership examinations attended Science Week.



From an examiner perspective, 99 responses were received. The majority of examiners surveyed had a preference for being allocated marking time within a consolidated exam week structure. However, if marking outside this period, there was no dissent that four weeks would be sufficient time.

The number of candidates that examiners felt comfortable marking if given one day per written paper, however, was significantly less than what is currently allocated to examiner teams within a 4-week non-exclusive marking period.



There was a strong preference from examiners for an examination week to be held prior to Science Week with 62.2% indicating that they would be less likely to attend if it was held separately. This is an important consideration given that 82.2% of examiners in 2018 attended Science Week.

The limitations of this survey were the small representation of Membership (13.75%). The Board of Examiners have elected to investigate options into consolidating exams into a single period. This is based partially on the recent survey results, but also on the long history of candidate feedback requesting the Board consider consolidation. Furthermore, it is highly probable that a significant increase in candidate numbers will necessitate a change in scheduling to ensure that examinations continue to be valid, efficient and financially sustainable.

ELECTRONIC MANAGEMENT OF ASSESSMENT

Electronic management of assessment (EMA) is increasingly being used to describe the way in which technology is used to support the delivery of examinations, as well as marking and feedback. EMA is becoming common place in many universities and professional organisations. The College has already commenced a transition to EMA with the use of the Examination Results and Reporting System (ERRS) by examiners to enter candidate results for compilation and review.

The Board of Examiners is exploring the concept of delivering examinations electronically and giving candidates the option to complete their assessment online. This means that candidates would type answers to examination questions on their own device using secure purpose-built software.

Candidates will still be able to incorporate hand written tables, drawings and graphs in their answers. For those candidates that prefer to

hand write their answers, this option will be available.

The advantages of delivering and completing exams electronically include:

- Improved efficiency and security during exam delivery and distribution for marking
- Reduced staff workload and costs of administration
- Increased marking efficiency for our volunteer examiners
 - ✓ Ability to access marking from anywhere
 - ✓ Ability to quickly edit feedback in a document and re-use common feedback
- Improved analysis for exam results
- Modernisation of exam process in line with other educational organisations
- Improved clarity and understanding of feedback through legibility of text and recognition that typing may be more commonly used by candidates than handwriting hence providing a familiarity and speed advantage
- Improvements in efficiency may allow other arrangements for exam delivery, for example have all exam components consolidated into one week.

Potential disadvantages which have been considered are:

- Cost
- Implementation and training
- Candidate adjustment period
- Technology failure
- Discouragement of candidates who have poor typing skills or those answers more suited to hand written graphical representation (although the use of platforms that allow attachment of handwritten materials will negate this issue)

Evaluation has been completed of a broad spectrum of EMA platforms which have the potential to improve the quality and efficiency of College examination processes. After extensive consideration, the Board of Examiners have decided to investigate in detail a provider which matches the requirements of the College examination process. A proposed date of 2021 has been identified for the inaugural implementation electronically delivered examinations.

MAINTENANCE OF CREDENTIALS (MOC)

Thank you to all Members who have provided feedback on the proposed introduction of Maintenance of Credentials (MOC) requirements. Circulation of the proposed MOC guidelines should occur before Science Week this year with the opportunity for Member discussion at the Member Convocation Session at Science Week.

The MOC requirements have been specifically developed with consideration of the breadth of disciplines and professional commitments and lifestyle of its Members. They will consist of a designated number of hours per 5-year period which can be achieved through relevant practice in the discipline, ongoing learning and active involvement in the College.

Implementation is scheduled to occur from July 1st 2020 and apply to all new Members and Fellows. In other words, the credentials of all new Members and Fellows will be current for a period of five years from July 1st, 2020. At the end of this 5-year period, they then must have met the MOC criteria to demonstrate that they have maintained their credentials or their Membership will be categorised as inactive.

Existing Members and Fellows may choose to participate in MOC on a voluntary basis. If you have any questions or feedback on any of the above projects, please contact me via email at po@anzcvs.org.au.



College News
continued

COLLEGE SUBSCRIPTIONS

2019/2020 membership renewal notices have been distributed to all members (except Life Members and Fellows) via email this month. If you have not received a membership renewal notice or have experienced any difficulty with the renewal process please email assistcm@anzcvs.org.au

Please take the time to login to your profile via our website to make sure your contact details are current.



MANDATORY INTENTION TO SIT DATE FOR FELLOWSHIP CANDIDATES

**Closing date to register intention to sit for Fellowship examinations in 2020:
30 JUNE 2019**

NO applications will be accepted after this date.

Fellowship Candidates wishing to sit Fellowship examinations in 2020 should note that it is mandatory to register their intention to sit with the College office before **30 June 2019**.

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

Board of Examiners (BoE) Call for Nominations

The Board of Examiners is seeking two new Members or Fellows of the College to join the Board of Examiners. **In order to join the Board, you must have previously served as an examiner for the College**, and have an interest in examinations, assessment, education and the College generally. Expertise in assessment practice and/or managing training programs is highly desirable.

Interested persons must be available for Board of Examiners meetings, the examiners workshop and examination duties during the examination period between 29 June and 1 July in 2019, and must be enthusiastic and willing to contribute to Board activities. Successful applicants will be selected by Council following recommendation made by the BoE. It is desirable that within the Board there be representation from a wide breadth of subject backgrounds and working experiences, a mixture of Members and Fellows, a gender balance, and some representation from New Zealand.

Board of Examiners members join either the Training and Credentials Committee or the Examinations Committee. They are expected to attend College examinations to act as observers during the examinations, and to attend the Board meetings. There are at least two - three face to face meetings, one held in conjunction with the examiners workshop (usually within the first two weeks of February) and one on conclusion of the examinations, another if required, plus a number of conferencing meetings held during the year.

BoE members should be able to devote at least five-seven hours per week to duties associated with the Board of Examiners, additional time maybe required during peak examination reviewing time. Board members are valuable members of a progressive and dynamic team, ably supported by College staff.

For further information please contact the College Office.

The application form is available on our [website](#). Completed application forms should be forwarded to the College office either by fax, email or post by Friday 22 March 2019.



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, with nominations for these positions currently being called.

Dr Mandy Burrows will retire from Council in July after serving six years as a Councillor. We have been greatly appreciative of Mandy's support, leadership, integrity, dedication and hard work. We thank her for her valuable contribution to the College, and wish her all the best. Dr Zoe Lenard has indicated that she will stand for re-election to Council. Dr Lenard is the current President and plays a vital role on Council.

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 available on our [website](#).

As a member of the Australian and New Zealand College of Veterinary Scientists, you are encouraged to vote in the 2019 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.

➔ MEMBER CONVOCATION

The College will be introducing a Member Convocation for the first-time during Science Week this year. The Member Convocation is a forum where College Council and Board of Examiners (BoE) can interact and discuss with Member issues affecting the veterinary profession that are relevant to the College.

Members will have the opportunity to submit questions prior to the Convocation and the Council and BoE members will respond and discuss the questions submitted during the Convocation with the aim of taking action on feedback, suggestions and comments.

Members do not need to be present at the Convocation to submit a question and we encourage all Members to get involved and have your say.

HAVE YOUR SAY

How to get submit a question

Use this [form](#) to submit your questions. All questions must be identifiable.

Before the Convocation

Members will be notified of the questions submitted via email and will also be displayed on the College website.

During the Convocation

Questions will be answered at the Convocation by the College Convocation Panel.

CONVOCATION PANEL

Chair

ANZCVS CEO, Shane Klintworth

Council

- President, Dr Zoe Lenard
- Immediate Past President, Dr Mandy Burrows
- Treasurer, Dr Bruce Smith

Board of Examiners

- Chief Examiner, Dr Carolyn Guy
- Assistant Chief Examiner Training and Credentials, Dr Peter Bennett
- Assistant Chief Examiner Examinations, Dr Sharanne Raidal



WHEN

4:00pm to 5:00pm, Friday 5 July, 2019

LOCATION

The Star, Gold Coast
1 Casino Drive, Broadbeach Qld

REGISTER

Conference delegates, please indicate your attendance via the [online conference registration form](#). Members not attending the conference who would like to attend, please email cm@anzcvs.org.au

CONVOCATION SCHEDULE

Monday 11 March

Convocation submission period opens via Survey Monkey

Monday 29 April

Convocation submission period closes

Monday 3 June

Questions published on College website and sent to Members by College email to view

Friday 4:00pm 5 July

Convocation held at Science Week

August

Convocation outcomes published on College website

➔ EXAMINATIONS

EXAMINERS WORKSHOP

History

The inaugural ANZCVS Examination Writing Workshop was held in February 2013, and the first facilitator of our workshop was Professor Glen Coleman. Nineteen examiners attended from six disciplines. There were 150 Membership candidate enrolments in 2013, in 14 subjects, and there were 26 Fellowship candidates sitting exams in 10 different subjects.

Fast forward to 2019 where we had 50 workshop attendees from 15 disciplines, some disciplines with examiners at both membership and fellowship level. This is representative of the growth of the College, with candidate enrolments in a range of disciplines.

Currently membership candidates for the 2019 examination period stand at 275, enrolled in 21 subjects, and Fellowship maintains at 26 candidates sitting exams over 10 subjects.

With support from Council, the Examiners Workshop has grown due to the demand from examiners' expression of interest in attending and because past feedback has indicated this is an invaluable opportunity to ensure timely development of high quality examination components.

Feedback from attendees over the years has rated the top reasons for attending as being the opportunity to work with fellow examiners in their subject with protected time to develop their subject examination.

College support

College Council first started this initiative to support the Board of Examiners in training examiners on ANZCVS examination processes, to produce robust and defensible examinations for all candidates across the multitude of disciplines within the College.

Unlike analogous organisations internationally which tend to be based on a single discipline, the College provides post-graduate awards for veterinarians in many disciplines, offering examinations in 2019 in 31

examination development supports those members who choose to engage in examining for the College.

College examinations are composed of a number of different assessment tasks. Prior to sitting for examination, candidates' eligibility is based on time in professional practice since graduation at Membership level, or a more rigorous credentialing process at Fellowship level.

This is necessary to ensure that candidates are likely to have had the vocational experience that underpins the level of professionalism implicit in each level of examination, and also because there are some aspects of professional practice that are difficult to bring into an exam venue.

The written examinations focus on underlying principles (Paper 1)

THE SUPPORT OF COLLEGE MEMBERSHIP IN PREPARATION AND DELIVERY OF THESE EXAMINATIONS TO THEIR COLLEAGUES IS PIVOTAL TO THE COLLEGE'S SUCCESS.

separate subject areas. The support of College membership in preparation and delivery of these examinations to their colleagues is pivotal to the College's success. In turn the College recognises training in assessment and

and application of theory (Paper 2). These papers focus on 'long-answer' questions, where the candidate is encouraged to demonstrate their knowledge and higher order thinking skills. Long answer questions provide

candidates opportunity to formulate arguments supported by appropriate reasoning and evidence.

Examiners are encouraged to consider the higher order thinking skills that candidates are able to bring to their responses, as well as content recall.

Multiple choice (MCQs) and short “fill in the word” questions are discouraged because, although easy to mark, academic evidence suggests that such questions reward literacy (“if the candidate reads the question carefully, the answer is easy to recognize even if s/he knows little about the subject”), they provide unprepared candidates opportunity to guess, and they expose candidates to misinformation that can influence subsequent thinking about the content.

Good MCQs take time and skill to construct. To be “psychometrically sound and legally defensible”, such questions require extensive work, including trialling. The ANZCVS simply is not large enough to achieve this, and certainly it would not be cost effective.

It is a daunting task for examiners to pass judgement on candidate responses – we have all sat in the candidates’ shoes and empathise with each one. The Examiner Workshops provide examiners with an opportunity to develop their skills in assessment through training, discussion and mentoring.

Dr Norman has a unique combination of veterinary and educational expertise, her presentation slides can be viewed on the College website: <https://www.anzcv.org.au/examiners/training-resources/>

Information provided at the Workshops allows examiners to understand educational theory and assessment practice and to exercise their professional judgement on each Candidate’s performance with greater confidence. Equipped with knowledge on how to write, and mark, appropriate questions, we are able to offer Candidates a comprehensive range of assessment tasks, which better



As part of this training the Board of Examiners has regularly invited Dr Liz Norman to present topics on assessment such as blueprinting and drafting questions, question clarity and grading criteria and marking schemes.

assess the nuanced and complex thought processes that underpin each veterinary discipline.

Although some Examiners crave the ‘certainty’ of multiple choice questions, these are expensive to write well, and require extensive piloting. Additionally, it may be argued that they are reductive – certainly it is easier to write MCQ’s that test only recall, rather than questions that truly test advanced cognitive skills.

Behind the scenes

Although it would be great for all appointed examiners to attend the workshop every year, this is not possible. Before each examination period the Board of Examiners carefully considers the subjects being

offered in the coming year and whether subject examiners have attended a previous workshop and been exposed to the philosophy, theory and practice of the College’s assessment processes. The experience of the team is also considered: how many experienced examiners are in the team of subject examiners.

After decisions are made at Board level the College office staff work to find a venue and start inviting attendees. Of course, not all subject examiners are able to attend because of other commitments on the nominated weekend, which then allows the College to invite another team. The Board strives to ensure examiners from all subjects get the opportunity to attend an Examiners Workshop and to date there would be few subjects who have not attended.

The Board would like to thank Dr Liz Norman for her expertise in facilitating these workshops, College office staff for their organisation, and our examiners for their commitment to candidates in attending the workshops. The workshops provide an efficient, collaborative and enjoyable atmosphere, and the knowledge imparted increases the validity of the examination process.

➔ SCIENCE WEEK

What’s new in 2019



EARLY BIRD REGISTRATION

Don’t miss out on our early bird registration prices. Register before 30 April 2019 and save. Check out the registration prices on the Science Week website.



UNIQUE QR CODE

We are introducing session scanning to Science Week 2019. When you register for Science Week, you will receive a unique QR code in your confirmation email. Please keep this QR code for your records. It will also be printed on your name tag. Delegates will be scanned into scientific sessions and functions.



BREAKFAST SESSIONS

We are pleased to introduce sponsored Breakfast Sessions to Science Week this year. Made possible by our valued sponsors, Hill’s Pet Nutrition, Interpath and Provet Vi, and new to Science Week, join us for breakfast and an engaging and educational session. These breakfasts are complimentary to delegates and numbers are strictly limited.



ABSTRACT SUBMISSIONS

Abstract submissions for selected Chapters are now centrally managed through the Abstract Portal available on the Science Week website. We invite postgraduate students, residents, interns, clinicians, and researchers to submit abstracts of scientific and practical topics.



INDUSTRY EXHIBITION

With the move to The Star, Gold Coast all industry exhibition booths will be located in the Event Centre Marquee. With over 36 booths booked already, this will be our largest exhibition display to date!

SCIENCE WEEK REGISTRATIONS AND PRELIMINARY PROGRAM RELEASED

Science Week 2019 is shaping up to be a fantastic conference as we prepare to move to The Star, Gold Coast and improve the conference experience for delegates with new activities, sessions and engagement opportunities.

Science Week will still deliver the same cutting-edge veterinary scientific program with 20 Chapters presenting a program this year.

The Science Week website contains all the information you need to know about attending Science Week including:

- Registering for Science Week
- The preliminary program
- Accommodation details and options
- Abstract submission
- The pre-conference workshops, breakfast session and more.

Should you have any further questions or need assistance registering, please email Sharon Tinsley at assistcm@anzcv.org.au or call the College office on 07 3423 2016.

➔ Pre-Conference Workshops Wednesday 3 July, 2019



ONLINE AT
VETSCIENCEWEEK.COM.AU

CPR RECOVER CERTIFICATION – RESCUER AND INSTRUCTOR

The Emergency and Critical Care Chapter invites you to our CPR RECOVER workshops. Delegates have the option of registering for the full day or half day (either Rescuer or Instructor Certification).

This event is limited to 15 delegates.

Details

Date: Wednesday 3 July, 2019
Time: 7:00am to 6:00pm
Location: The Star, Gold Coast
1 Casino Dr, Broadbeach Qld

Registration Prices

Rescuer Certification ONLY (Half Day)	\$550
Instructor Certification ONLY (Half Day) (MUST BE PRE-CERTIFIED AS RESCUER)	\$550
Whole day Rescuer and Instructor Certification	\$990

Registration includes morning and afternoon teas and lunch.



Dr Manu Boller, Faculty Leader
Dr med vet, MTR, MANZCVS, DACVECC



Dr Yenny Indrawirawan, Faculty Tutor
BAnimSc, BVSc, FANZCVS



Dr Gerado Poli, Faculty Tutor
BVSc (Hons), MANZCVS



Dr David Tabrett, Faculty Tutor
BVSC MANZCVS MAICD

EMERGENCY AND CRITICAL CARE

Mechanical Ventilation: Basics and Advanced

The Emergency and Critical Care Chapter invites you to our Mechanical Ventilation Workshop.

This event is limited to 20 delegates.

Details

Date: Wednesday 3 July, 2019
Time: 7:00am bus transfer for 8:00am start.
Concludes at 5:30pm
Location: Veterinary Training Centre
1/28 Burnside Road, Ormeau, Qld 4208

Price: \$880

Registration Includes morning and afternoon teas, lunch and bus transfer.



Dr Rob Webster, Faculty Leader
BVSc (Hons) FANZCVS



Dr Lisa Smart, Faculty Tutor
BVSc (Hons) DipACVECC



Dr Ellie Leister, Faculty Tutor
BVSc (Hons) MANZCVS

SURGERY MEMBERSHIP DAY

Membership Day is a new initiative by the Surgery Chapter and aims to provide a broad range of advanced continuing education lecture topics for GPs, Residents and Interns.

This event is limited to 30 delegates.

Details

Date: Wednesday 3 July 2019
Time: 7:45am to 5:00pm
Location: The Star, Gold Coast
1 Casino Dr, Broadbeach Qld

Registration Prices

GPs	\$429
Residents/Interns	\$329
Committee Members	\$150

Presenters

Dr Giselle Hosgood
BVSc (Hons), MS, PhD, FANZCVS, Dipl. ACVS

Dr Bryden Stanley
BVMS, MVETSC, MACVSC, DACVS

Dr Warrick Bruce
BVSc(dist), MVM, DSAS(Orthopaedics), MANZCVS

THANKYOU TO OUR SPONSORS



SURGERY SPECIALISTS DAY

The Surgery Chapter warmly invites all specialists and specialists in training to an interactive preliminary day. This will include the most recent information available from a combination of academic soft tissue surgeons and extremely experienced orthopaedic surgeon.

This event is limited to 20 spaces.

Details

Date: Wednesday 3 July 2019
Time: 7:45am to 5:00pm
Location: The Star, Gold Coast
1 Casino Dr, Broadbeach Qld

Registration Prices

Specialists	\$429
Residents	\$329
Committee Members	\$150

Presenters

Dr Giselle Hosgood
BVSc (Hons), MS, PhD, FANZCVS, Dipl. ACVS

Dr Bryden Stanley
BVMS, MVETSC, MACVSC, DACVS

Dr Warrick Bruce
BVSc(dist), MVM, DSAS(Orthopaedics), MANZCVS

THANKYOU TO OUR SPONSORS



VETERINARY ANAESTHESIA & ANALGESIA

Ultrasound Guided Local Anaesthesia

The ANZCVS Veterinary Anaesthesia & Analgesia Chapter invites you to the Gold Coast for a pre-conference Science Week workshop that is at the forefront of advanced analgesic techniques. Learning practical skills of advanced ultrasound guided regional local anaesthesia, this Australian-first workshop will be conducted under the instruction of world-leading experts in the area, Dr Fernando Martinez-Taboada and Dr Luiz Santos.

Details

Date: Wednesday 3 July, 2019
Time: 9:00am to 4:00pm
Location: Veterinary Specialist Services
104 Eastlake Street, Carrara, QLD, 4211

Registration Prices

Intern/Resident	\$420
Veterinarian	\$520

Presenters

Dr Fernando Martinez-Taboada
Dr Luiz Santos

THANKYOU TO OUR SPONSORS



→ OBITUARIES



1955-2019

VALE STEPHEN VINCENT COLES

The profession and particularly our country's small band of dental vets have lost the discipline's pioneer, a teacher and leader.

Steve was educated at Melbourne High School and the Melbourne University Veterinary School where he graduated in 1978. He immediately entered small animal practice working with Dr Simon Berry in the inner southern suburbs of Melbourne.

He duly felt the need to run his own practice and purchased Sandringham Veterinary Hospital from Dr Barry Jagger. With his vision he extended and renovated the building and introduced novel marketing and business protocols that culminated in his practice being recognised as an ASAVA Practice of Excellence. Steve was also individually recognised by being awarded as the ASAVA's Practitioner of the year.

Through his vision the Australian Veterinary Dental Society (AVDS) was formed in 1990. This is a special interest group of the AVA and Steve was its charter President during its formative first few years

In the late 80's, Steve was integral part of the development and nurturing of the fledgling discipline of 20th century veterinary dentistry and was at the forefront in establishing the Australian College of Veterinary Scientists' Veterinary Dentistry Chapter. Steve was also one of the chapter's original

members, having passed the first ever membership examinations for the chapter in 1993.

He then became an examiner for the Chapter in 1994 and beyond. In recognition of his pioneering work and leadership Steve was made a Life Member of the Veterinary Dentistry Chapter. He remains as the only Life Member to this day

Not being satisfied with this, he then went further to sit and pass, at his first attempt, all three components of the American Veterinary Dental College's (AVDC) stringent exams to become a Diplomate and hence he became Australia's first registered specialist in Veterinary Dentistry. We remember him preparing for, and then flying off to the US to sit the practical exam with many, many kilos of equipment, as he had to supply all of his own!

Steve also initiated the teaching of veterinary dentistry to undergraduate students at the Melbourne University's Veterinary School, with Tony Caiafa, Rod Salter and Wayne Fitzgerald following in his big footsteps in this regard.

Steve was a lateral thinker and true entrepreneur and amongst other pursuits was integral in the formation, management and success of the Greencross and the National Veterinary Care practice groups; he also worked with the other medical professions assisting the National Australia Bank in

The veterinary profession has lost someone, who through determination and hard work became a leader in his chosen discipline of veterinary dentistry.



their understanding of how the banking institutions could assist practice growth through finance and advice.

For two decades Steve generously and enthusiastically worked pro bono with the Melbourne Zoo's Veterinary team and was active in fostering the worldwide practise of exotic animal oral surgery and dentistry.

His stories of these pursuits often had us in awe or in fits of laughter, often both at the same time. His work with the Zoo and wildlife was recognised by the AVDC when he was one of an international group of 15 to be awarded a Zoo and Wildlife Fellowship in 2017. Also, in 2017, the People Award was conferred on Dr Stephen Coles in "recognition of his outstanding contribution to the work of Zoos

Victoria from a volunteer, member, staff member or Zoos Victoria family." This being a well-earned feather in his cap.

Outside of his professional career he was a devoted husband and father who also enjoyed golf, breeding and showing Red Poll cattle, horse riding, Art collecting, fishing, classic cars, cricket, AFL football (St Kilda) and especially Australian military history.

Steve became un-well four years ago and battled stoically but bravely with conventional treatments during the following months. He later sourced an immunotherapy modality and was rewarded with about 18 months of remission that enabled him to re-join his colleagues in their professional pursuits and, more importantly, to relish the joys of life and his family

to the fullest. During that time, he gladly accepted an invitation to once again assist with the College's dental teaching and membership examination processes as he did so enthusiastically last year.

The veterinary profession has lost someone, who through determination and hard work became a leader in his chosen discipline of veterinary dentistry.

He is survived by his devoted wife Aida, Steve's children: Simon, Tristan and Gab, his mother Julie and siblings Marie and Russell, to them we wish to pass on our sincerest condolences.

The three authors of this tribute often met with Steve socially and referred to our group as the 'four musketeers'. Well the first musketeer has left this mortal coil but we know he will be perched on our shoulders as we negotiate life without the physical presence of our great mate.

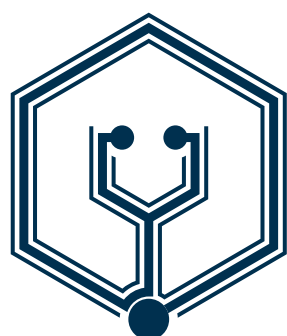
Vale and RIP Steve.

Wayne Fitzgerald
Rodney Salter
Anthony Caiafa

It was Steve's wish that Zoos Victoria be a nominated donation recipient. Zoos Vic is committed to fighting species extinction and to being a world-leading conservation organisation; as it is a non-profit organisation, tax deductions are deductible.

Donations may be emailed to: donate@zoo.org.au





ANZCVS
SCIENCE WEEK
2019

ScienceWeek

4 - 6 JULY 2019

Australia and
New Zealand's
**leading cutting edge
veterinary conference**



THE STAR, GOLD COAST

NEW in 2019

Abstract submissions for
selected Chapter programs
are now open



New venue, more space, state of the
art facilities



Scientific program covering 21
speciality areas



New professional plenaries, pre-conference
workshops and member convocation



Dedicated industry space + more
industry exhibitions



Mobile app + online program + passport
competition



Registrations open **mid-March 2019**
VETSCIENCEWEEK.COM.AU

→ CHAPTERS

ANIMAL WELFARE CHAPTER

Save the date! Now is the time to
mark calendars, find locums, organise
the family and sort out the pets!
Science Week will be here before we
know it and has a welfare program
that's unmissable.

As well as stand-alone sessions the
Animal Welfare Chapter has joined up
with other Chapters for an outstanding
program. This year we have shared
sessions with Pharmacology,
Lab Animals, Public Health and
Epidemiology covering topics as
diverse as ineffective therapies, bobby
calf welfare, update on the WSAVA
Animal Welfare Guidelines and
management of animals in natural
disasters. Many thanks to Nita Harding,
Welfare Chapter SW Convenor,
assisted by myself and Anne Fawcett,
for yet another excellent SW program.

There will a session on drought in
NSW. Probably of not so much interest
to other states and NZ. Particularly not
Qld, parts of which has been 'drowning'
this year!

However it's all related. Climate
change is associated with the
increasing incidence and intensity of
adverse weather events so we can
expect more of the same. Climate
change is a major animal welfare issue
and not just on land.

We look forward to seeing you at
Science Week.

Tanya Stephens
President Animal Welfare Chapter.

EPIDEMIOLOGY CHAPTER

The Epidemiology Chapter has
been quite excited looking at the
contributions members offered for the
Science Week. We received interest
from people working in academia,
industry and government; students
and experimental researchers;
New Zealand and Australia; pure
epidemiology and transdisciplinary.

From these contributions we have
drafted up a programme, with five
thematic sessions:

- "Epidemiology by the people and
for the people": whether it is by
using methodology from social
sciences, looking at the human
cost of animal diseases or bottom-
up approaches, people will be the
centre of this session
- "Surveillance and preparedness":
a classic, but the area is dynamic.
Expect infectious diseases,
climate change and country-wide
approaches
- "The terrible two": in two parts, we
are looking at two diseases that
are currently in everyone's mind
in Australia and New Zealand, Q
fever and *Mycoplasma bovis*
- "Exotic diseases": The teams have
also been busy overseas, so foot-
and-mouth, avian influenza and
others will be there
- "Epidemiology when everything
else fails": some unusual
species and/or diseases, where
epidemiology comes to the rescue

Speakers who have been identified
by the coordination team will have
now received an email to invite
them to submit their abstract via the
online portal. Others can still submit
an abstract if they want, they will be
considered if a speaker drops out.

The Epidemiology Chapter have two
shared sessions, equally promising:
one with the Veterinary Public Health
Chapter on molecular methods, and
one with both the Animal Welfare
Chapter and the VPH Chapter on a
wide range of topics of interest for all.

This year the Epidemiology Chapter
have membership exams and we are
looking forward to welcoming new
members into the Chapter!



EQUINE CHAPTER

The Equine Chapter is excited to introduce the Membership in Equine Practice with candidates intending to sit this exam this year. We are also holding Membership in Equine Medicine in 2019 and intend to offer Membership in Equine Surgery in 2020.

The program for Science Week is looking terrific. We have a combined session with the Reproduction Chapter on Thursday 4th of July 2019. Speakers include Angus McKinnon, John Chopin, Natali Krekeler, Kirsty Gallagher and Joan Carrick. Topics include: Improving ET programs, cloning, placental studies, processionary caterpillar disease, improving semen quality and endoscopy of the endometrium.

On Friday 5th of July we are having a combined session with the Pharmacology Chapter which will include some cutting edge presentations on equine endocrinology. On Saturday 6th of July we are having a combined session with the Oncology Chapter and there will be a state-of-the-art presentation on management of neoplasia in horses.



We are also holding Membership in Equine Medicine in 2019 and intend to offer Membership in Equine Surgery in 2020.

We also have several surgical themed presentations on Saturday with speakers including Sarah Jalim discussing management of lame foals and Angus McKinnon presenting reproductive surgeries. Allison Stewart will discuss endocrinological management of neonatal foals.

We look forward to seeing all of you at the new venue on the Gold Coast in 2019 and we are assured that there will be plenty of room for everyone to attend.

FELINE CHAPTER

The Executive of the Feline Chapter has been in full swing organising our collaborative sessions at College Science Week 2019.

In addition to sessions with Small Animal Medicine, the Chapter has sessions with the Pharmacology, Oncology and Behaviour Chapters, it will be a fabulous conference and we are all excited to see CSW in its new venue! A call for submission of abstracts from members of the College for presentation in the Small Animal Medicine/Feline Medicine conference

has been made, with the submission deadline being April 19 2019. Details can be found [here](#).

As always, work behind the scenes continues to strengthen our relationship with ISFM and to improve the benefits for members in our chapter - watch this space!

MEDICINE AND MANAGEMENT OF LABORATORY ANIMALS CHAPTER

Membership of our new Chapter has grown to 25 and we are optimistic of further growth from the 120+ veterinarians employed in laboratory animal medicine and welfare roles who are not yet members. And this does not include the many veterinarians who serve on Animal Ethics Committees!

For information regarding membership examinations please contact Julie Ferguson at presidentlabanimals@anzcvcs.org.au or Jenny Kingham at treasurerlabanimals@anzcvcs.org.au

We are pleased to be offering a diverse program at our second Science Week with speakers across the spectrum of laboratory animal practice.

We are particularly grateful to the College and our sponsors (Australian BioResources, Biological Associates, Chemical Essentials, Specialty Feeds and Stoelting Co) for their support for speakers from New Zealand and interstate.

The program will be boosted further through shared sessions with the Chapters of Animal Welfare and Veterinary Anaesthesia & Analgesia.

For inquiries regarding the chapter or our Science Week program, please contact Malcolm France at secretarylabanimals@anzcvcs.org.au.

Malcolm France
Secretary, Medicine and Management of Laboratory Animals Chapter

OPHTHALMOLOGY CHAPTER

The next few months are shaping up to be a very informative and fun mid-year festive season for the ANZCVS Ophthalmology Chapter.

We are in full-learning spirit with the upcoming 'Glaucoma Forum' which will be held in the picturesque Yarra Valley at the end of March and will host Dr Gillian McLellan, Associate Professor in Comparative Ophthalmology, Dept of Surgical Sciences, School of Veterinary Medicine and Dept of Ophthalmology and Visual Sciences from the University of Wisconsin.

Gillian's main research focus is comparative glaucoma, including imaging of the retina and optic nerve, electrophysiology, aqueous humor dynamics, and genetics and pathology of glaucoma in animals and humans.

We hope that with so many great minds together we will be able to make even small advances in the way we diagnose and manage this heartbreaking disease.

Not only that, but the Ophthalmology Chapter is excited to finalise our 2019 Science Week program. Dr Eric Ledbetter, Associate Professor of Ophthalmology at the Cornell University College of Veterinary Medicine has confirmed he will be joining our ophthalmology stream and will be presenting on a wide range of topics,

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sure to appeal to conference attendees from different interest groups.

He will provide an update on canine and feline herpes virus antiviral treatment, as well as enlightening us on how confocal microscopy works and its applications in veterinary medicine. He will also provide a fascinating update on the diverse ocular presentations of systemic disease,

which is sure to appeal to all those medically wired attendees. Be sure to join us for what is shaping up to be an amazing year already!

If you have any questions regarding our upcoming events, please don't hesitate to contact Dr's Kate Hindley or Jessica Nevile on secretaryophthalmology@anzcvcs.org.au

SMALL ANIMAL MEDICINE CHAPTER

We are already well into a new year and hopefully everyone had a chance for a bit of a break over the holiday period.

This year brings some new changes with the move of Science Week from the QT hotel to the Star. While the examinations are still at QT, the new venue for Science Week will allow us to have a bigger and better program. Now is the time for everyone to start planning to attend Science Week, a time to hear about the latest developments in Veterinary Science and a great place to catch up with friends. It would be great to see a big crowd there. More details about what will be an exciting program will be circulated when finalised.

Science Week is when we have our AGM and we would like to see a good attendance. If anyone has any interest in joining the executive or committees of the chapter, please let us know. You do not have to be at Science week, just contact any of the officers for further information. We will be sending out a call for people to help during Science Week in the role of session moderators and abstract judges. If you are going to attend, please put your hand up for one of these roles.

The candidates will be well into their examination preparation. We would like to thank those who have taken the time to mentor membership candidates and those who have been supervising Fellowship candidates. We wish all candidates the best for the examinations.

Regards
Peter Bennett

VETERINARY ANAESTHESIA AND ANALGESIA CHAPTER

Science Week registrations opened this month and the VAA Chapter is excited to announce our 4-day program for 2019.

For the first time ever, we are able to invite you to a pre-conference work shop “*Ultrasound Guided Regional Anaesthesia*”. Teaching practical skills of advanced ultrasound guided regional local anaesthesia, this Australian-first workshop is at the forefront of advanced analgesic techniques and will be conducted under the instruction of world-leading experts in the area, Dr Fernando Martinez and Dr Luiz Santos.

The workshop will suit all veterinary professionals wishing to provide their patients with the latest innovative analgesic techniques using ultrasound and local anaesthesia. The full-day course is fully catered and includes demonstration of techniques and tuition, small group ultrasound and cadaveric access and training.

The workshop is generously sponsored by BCF Ultrasound, Braun & Veterinary Specialist Services Carrara. Places are strictly limited so please don't delay in registering.

Our scientific program then begins on Thursday at the Star Casino and our theme this year is “*Safety and Anaesthesia*”.

Please join us as we listen to an exciting line up of experts discuss the most recent scientific innovations, research and current literature aimed at improving the quality of patient care delivered to anaesthetised patients.

We have a packed day of multidisciplinary collaboration including shared sessions with the Small Animal Medicine, Surgery and Behaviour Chapters. A definite highlight will be a presentation entitled “*Safety and Cave Diving*” delivered by Dr Craig Challen, joint Australian of the year.

Friday continues with talks encompassing a wide breath of safety related topics including critical incident reporting and clinical monitoring using the electroencephalogram. In the afternoon we join the Medicine & Management of Laboratory Animal Chapter for some important insights into anaesthesia of laboratory animals.

Please be sure to look at the preliminary program (now available online) for the full range of invited speakers and topics. We will also be hosting our Annual VAA Chapter Dinner that evening, once again sponsored by Jurox. Please stay posted for more details to follow shortly.

Finally, our program concludes on Saturday with our Scientific Abstract Presentations and a round table discussion on Anaesthesia Advisory Guidelines. Last year our Scientific Abstract Presentations were of an exceptionally high standard and we are looking forward to what 2019 will bring.

We are pleased to announce that this year Boehringer will be sponsoring two awards to recognise scientific excellence, including VAA Chapter Best Young Speaker Scientific Abstract Presentation (undergraduates, trainees, postgraduates) and VAA Chapter Best Scientific Abstract Presentation.

Wendy Goodwin,
VAA Chapter SW Convenor

Dr Fernando Martinez performing regional anaesthesia. Please join us for our pre-conference wet lab “*Ultrasound Guided Regional Anaesthesia*”.

VETERINARY PUBLIC HEALTH CHAPTER

It is most pleasing to advise that our Science Week 2019 Chapter Coordinators (Drs. Kevin Doyle and Sam Hamilton) have been successful in bringing together an interesting and stimulating Veterinary Public Health program. Its diversity means that there should be something of interest for all over the 3 day program.

In 2019 we will be running some joint sessions with the Epidemiology and Animal Welfare Chapters as part of our planned approach to addressing cross-cutting topics. We are most appreciative of the collaborative efforts on the part of these Chapters.

Specifically, in conjunction with the Epidemiology Chapter, we will be exploring several aspects of genomics and molecular epidemiology. Additionally, with the Animal Welfare and Epidemiology Chapters we will be examining contemporary issues concerning the human-animal bond.

Our program will offer a theme covering the spread and control of transboundary animal diseases, including African swine fever and Peste des petit ruminants. Another key theme will involve a consideration of issues around veterinary public health training and the role of the Chapter in developing a Fellowship program that satisfies specialist qualifications for VPH professionals in Australia and New Zealand.

Additionally, a time slot has been found in our busy program for our Chapter's Annual General Meeting. Chapter Members will be separately notified concerning AGM detailed arrangements. Chapter members and those considering membership examinations should find Science Week 2019 most rewarding and enjoyable.

Sincerely,
Bob Biddle.

IMPORTANT DATES IN 2019

17 May

Council nominations closed

4 & 5 June

Written Examinations

28 June

Voting for Council closes

29 & 30 June

Fellowship Practical/Oral Examinations

29, 30 June & 1 July

Membership Examinations

4, 5 & 6 July

Scientific Meeting

5 July

AGM

6 July

Awards Dinner

➔ GENERAL COLLEGE NEWS

➔ Tanya Stephens,
Animal Welfare

SPOTLIGHT ON LAND CLEARING, CLIMATE CHANGE AND THE COST OF VETERINARY SERVICES

One of the most significant issues of unintended (and largely invisible) harm to animal welfare in Australia is land clearing.

Australia is a global top 10 deforester which is not good news when you consider that Australia has some of the highest extinction rates on the planet for plants and animals and has the worst record for mammal extinctions in the world.

Land clearing kills tens of millions of animals across Australia each year, a major animal welfare concern. Animals may be killed or injured during the clearing process and the removal of vegetation makes them vulnerable to attack.

Land clearing also causes fragmentation of habitats which is associated with declines and welfare impacts on animals such as koalas.

In addition, land clearing can have indirect effects by affecting climate and water quality and is a major contributor to global climate change. Climate



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change is recognised as the second greatest threat to Australian biodiversity as it causes large scale shifts and changes in habitat suitability.

A recent report by The Lancet (thelancet.com) states that climate change, obesity and undernutrition are the biggest issues facing mankind and that we need a 'food revolution'. This will involve, amongst other imperatives, improving efficiency and sustainability in existing farming lands, restoring degraded lands and a zero expansion policy.

Veterinarians have an essential role in sustainably feeding the world and mitigating climate change and veterinarians need to ensure that any intensification of livestock production is not at the expense of an animals welfare.

There has been some good initiatives in sustainable livestock production and sustainable agriculture in recent times and the Food Climate Research Network at Oxford (fcrn.org.uk) is an excellent source of information on the 'future of food'.

Fittingly, the 7th Pan Commonwealth Veterinary Conference held in Bangalore India 2-7 March 2019, organised by Conference Chair Peter Thornber, with world leading speakers addressed the issue of 'One Welfare', that considers animals, humans, the environment and climate change as a challenge to the veterinary profession.

As a small animal practitioner with a passion for good practice and the use of EBVM I was interested to come across an article on the costs of veterinary services. The costs of

veterinary care is an ongoing ethical and animal welfare issue. Costs have been found to be a significant cause of abuse towards veterinarians in the UK, a barrier to veterinary care in Australia and a recent paper from the USA highlights how costs of veterinary care have risen more than inflation and the percentage of pet owners seeking veterinary care has fallen (Stull JW et al. Barriers and next steps to providing a spectrum of effective health care to companion animals. 2018 JAVMA Dec 1. Vol 253, no 11. pp 1386-1389).

The article outlines some excellent initiatives to assist in ensuring high standard, accessible veterinary healthcare. 1. Development, evaluation and refinement of clinical guidelines. 2. Promotion of effective evidence-based practices. 3. Establishment of a veterinary practice research network. 4. Communication and extension.

Good clinical guidelines are essential in ensuring evidence-based decisions for best health and welfare outcomes so although some guidelines exist

in veterinary medicine, this paper highlights that they are of variable quality, and sometimes based on expert opinion rather than good evidence.

Only rarely has an appraisal tool (such as AGREE 11) been used during their development or after publication. There is an urgent need to produce guidelines using appraisal tools in the veterinary field.

As a practice owner and practitioner I'm all too aware of the ongoing challenge of providing an accessible good quality service for best health and welfare outcomes for the animals in my care and maintaining a viable business for the health and welfare of my staff and myself.

However, treatments should never be aimed at maximising profit at the expense of the animals welfare and veterinarians should always keep in mind that the best way to improve animal welfare is by influencing owners.



CONGRATULATIONS

to Dr Richmond Loh who was recently recognised for his contributions to aquatic veterinary medicine by being named a World Aquatic Veterinary Medical Association Distinguished Fellow.

The WAVMA Fellow designation recognises commitment to and achievement in the field of aquatic veterinary medicine and is awarded to outstanding WAVMA members who have contributed significantly to the development of aquatic veterinary medicine practice, art and science.

Pictured: Drs David Scarfe (President WAVMA), and Richmond Loh (recipient of Distinguished Fellow Award).

Photo credit to www.lkingphotography.com

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