



**AUSTRALIAN AND NEW ZEALAND
COLLEGE OF VETERINARY SCIENTISTS**



**COLLEGE SCIENCE WEEK
SCIENTIFIC CONFERENCE**

PRELIMINARY PROGRAM

7, 8 & 9 JULY 2016

QT GOLD COAST - SURFERS PARADISE
CNR GOLD COAST HIGHWAY & STAGHORN AVENUE,
SURFERS PARADISE

WWW.ANZCVS.ORG.AU

COLLEGE SCIENCE WEEK

SCIENTIFIC CONFERENCE

PROGRAM

The College Science Week conference will encourage excellence in veterinary science. College Members and Fellows and invited guests who are at the forefront in their fields will present the latest information in a number of disciplines.

REGISTRATION

A registration form is included with this program. All registrations can be made either through the College web site www.anzcvs.org.au or through the College office and are payable before **1 July 2016**. The conference runs for 3 days: Thursday, Friday and Saturday. Please note we have been advised by the venue management that registration numbers are limited to 500.

ACCOMMODATION

Accommodation is available at QT Gold Coast Hotel. **All accommodation bookings should be made directly with the hotel or on the accommodation form provided with this program.**

ANNUAL GENERAL MEETING

The College Annual General Meeting will be held at 5.30 p.m. on Friday 8 July in the Sunset Room, First Floor, QT Gold Coast. AGM documents will be circulated to members in advance of the meeting.

DINNER

The College Awards Dinner will be held in the Ballroom, QT Hotel, Surfers Paradise on Saturday 9 July at 7.00 pm. Partners are welcome. The cost of \$160.00 per person includes dinner, wine, beer and soft drinks. **Entry is strictly by ticket only** available from the College office.

ENQUIRIES

All enquiries should be made to the College Office, **Building 3, Garden City Office Park, 2404 Logan Road, Eight Mile Plains, Qld. 4113, Telephone: +61(0) 7 3423 2016, Fax: +61(0) 7 3423 2977, Email: admin@anzcvs.org.au**

WIFI

Complimentary WiFi is available throughout the hotel during the conference.



HAPPY HOUR

ALL WELCOME

**STINGRAY LOUNGE, GROUND FLOOR
QT HOTEL, GOLD COAST**

THURSDAY 7TH JULY 2016 AT 6.00 P.M.

ANNUAL GENERAL MEETING

**SUNSET ROOM, FIRST FLOOR
QT HOTEL, GOLD COAST**

FRIDAY 8TH JULY 2016 AT 5.30 P.M.

AWARDS DINNER

**BALLROOM, GROUND FLOOR
QT HOTEL, GOLD COAST**

SATURDAY 9TH JULY 2016 AT 7.00 P.M.

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THURSDAY 7 JULY 2016

LOCATION	CHAPTER
POINT BREAK ROOM, GROUND FLOOR	Feline and Small Animal Medicine
DIAMOND HEAD ROOM, GROUND FLOOR	Surgery
WAIKIKI ROOM, GROUND FLOOR	Equine
CALIFORNIA, GROUND FLOOR	Radiology a.m. Aquatic Animal Health p.m.
SUNSET ROOM, FIRST FLOOR	Veterinary Emergency and Critical Care
NORTH BREAK ROOM, SECOND FLOOR	Cattle and Pharmacology
SOUTH BREAK ROOM, SECOND FLOOR	Epidemiology
MALIBU ROOM, SECOND FLOOR	Animal Welfare
CLOUD BREAK ROOM, SECOND FLOOR	Ophthalmology
BAYWATCH ROOM, TWENTY SECOND FLOOR	Veterinary Zoo and Wildlife
ORCHID ROOM, TWENTYSECOND FLOOR	Veterinary Behaviour

FRIDAY 8 JULY 2016

LOCATION	CHAPTER
POINT BREAK ROOM, GROUND FLOOR	Small Animal Medicine
DIAMOND HEAD ROOM, GROUND FLOOR	Surgery
WAIKIKI ROOM, GROUND FLOOR	Equine
CALIFORNIA, GROUND FLOOR	Veterinary Zoo and Wildlife
SUNSET ROOM, FIRST FLOOR	Veterinary Emergency and Critical Care
NORTH BREAK ROOM, SECOND FLOOR	Cattle
SOUTH BREAK ROOM, SECOND FLOOR	Epidemiology and Pharmacology
MALIBU ROOM, SECOND FLOOR	Animal Welfare
CLOUD BREAK ROOM, SECOND FLOOR	Ophthalmology and Anaesthesia
LONGBOARD ROOM, SECOND FLOOR	Radiology
BAYWATCH ROOM, TWENTY SECOND FLOOR	Dentistry
ORCHID ROOM, TWENTY SECOND FLOOR	Veterinary Behaviour

SATURDAY 9 JULY 2016

LOCATION	CHAPTER
POINT BREAK ROOM, GROUND FLOOR	Small Animal Medicine
DIAMOND HEAD ROOM, GROUND FLOOR	Surgery
WAIKIKI ROOM, GROUND FLOOR	Equine
CALIFORNIA, GROUND FLOOR	Pharmacology
SUNSET ROOM, FIRST FLOOR	Veterinary Anaesthesia and Analgesia
NORTH BREAK ROOM, SECOND FLOOR	Cattle
SOUTH BREAK ROOM, SECOND FLOOR	Epidemiology
MALIBU ROOM, SECOND FLOOR	Animal Welfare
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LONGBOARD ROOM, SECOND FLOOR	Aquatic Animal Health
ORCHID ROOM, TWENTY SECOND FLOOR	Veterinary Behaviour
BAYWATCH ROOM, TWENTY SECOND FLOOR	Dentistry

INTERNET CAFÉ

A free cyber café, hosted by Veterinary Information Network (VIN), will be available for delegates in the Business Centre on the first floor, so please stop by to check your email, surf the web and try VIN!

VIN reaches over 55,000 veterinarians, veterinary students, and industry partners worldwide and is the leading choice for

continual education opportunities, easy access to specialists in a wide variety of areas, and “breaking news” that affects veterinarians, their patients, and their practices

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TIME	THURSDAY 7 July 2016		
	POINT BREAK ROOM FELINE MEDICINE & SMALL ANIMAL MEDICINE	DIAMOND HEAD ROOM SURGERY CHAPTER	CALIFORNIA ROOM RADIOLOGY CHAPTER
8.00	Plenary Forum: Point Break Room Why two supervisors are better than one in fellowship training programs Board of Examiners		
9.00	Approach to feline anaemia cases Severine Tasker	Minimally invasive plate osteosynthesis for the pelvic limb Brian Beale	Cats are not little dogs, even on CT examination Randi Drees
9.30		Minimally invasive plate osteosynthesis for the forelimb Don Hulse	
10.00	MORNING TEA IN TRADE DISPLAY AREAS		
10.30	Feline inflammatory bowel disease: What's new? Kit Sturgess	Plate-Rod: development and principles Don Hulse	CT Cholangiography in dogs using Intravenous Gadoteric Acid. Jennifer Chau
11.00		Plate-Rod: where are we now Don Hulse	
11.10			Pyloric localisation in 57 dogs of breeds susceptible to gastric dilatation-volvulus in the UK using computed tomography Susie Lillis
11.30	Reaching for a diagnosis of FIP Severine Tasker	Locking plates: why, how, when Brian Beale	Influence of expectations on perception with respect to image interpretation Mariono Makara
		Locking plates: applications/cases Brian Beale	
12.30	LUNCH – GROUND FLOOR AND FIRST FLOOR		
		SURGERY AND RADIOLOGY CHAPTERS	AQUATIC ANIMAL HEALTH CHAPTER
1.30	FIV: should we vaccinate or not? Mark Westman	Elbows and beyond: what have we learned about the utility of orthopaedic CT in small animal practice. Randi Drees	Recent advancements in diagnostic multiplex quantitative PCRs and MALDI-TOF bacteriological identification systems for fish pathogens Prof. Jung Tae Sung
2.00	How to do clinical research in general practice Richard Malik		
2.30		MRI of the stifle Juan Podadera	Investigating the effects of infection with Photobacterium damsela on finfish during aquaculture Fran Stephens
2.45			The impact of big belly or pot belly disease on industrial scale barra farming Susan Kueh
3.00	AFTERNOON TEA IN TRADE DISPLAY AREAS		
3.30	Thoracic wall deformities in kittens: what do you do? Kit Sturgess	Complex fracture management: Panel presentations and delegate discussion Don Hulse/Chris Preston/Andrew Worth	Health issues associated with sea cage aquaculture in WA Fran Stephens
3.45			The development of formal industry-government emergency aquatic animal disease response arrangements Jane Francis
4.00			Pacific oyster health surveillance, how and why Stephen Pyecroft
4.15	What's new in feline medicine – articles from JFMS in the past twelve months Andy Sparkes		Practical tips for field diagnostics and lab submissions Richmond Loh
4.30			General Questions and Answers
6.00	HAPPY HOUR – STINGRAY LOUNGE, GROUND FLOOR		

TIME	THURSDAY 7 JULY 2016			
	WAIKIKI ROOM EQUINE CHAPTER	SUNSET ROOM VETERINARY EMERGENCY AND CRITICAL CARE	CLOUDBREAK ROOM OPHTHALMOLOGY CHAPTER	NORTH BREAK ROOM PHARMACOLOGY AND CATTLE CHAPTER
8.00	Plenary Forum: Point Break Room Why two supervisors are better than one in fellowship training programs Board of Examiners			
9.00	The use of heart rate and lactate analysis to assess fitness David Evans	Update – CPR recover Manu Boller	Clinical signs and diagnosis for primary glaucoma Simon Hurn	Twenty years intro-mammaries research Ted Whitemm
9.30			Medical treatment for primary glaucoma Anna Deykin	
10.00	MORNING TEA IN TRADE DISPLAY AREAS			
10.30	Exercise and equitation effects on upper airway function Sam Franklin	CPR Practical Session	Genetics of Glaucoma Cameron Whittaker	Factors affecting milk residues Andrew Woodward
11.00		Limited Registration – members of the Veterinary Emergency and Critical Care Chapter only for this session.	Feline Glaucoma Kelly Caruso	
11.15	Diagnosis and management of muscle disorders affecting performance horses Joan Norton			Antimicrobial stewardship in Cattle Practice: latest developments Stephen Page
11.30			Equine Glaucoma Andrew Turner	
11.50				Novel transdermal analgesia in cattle Elizabeth Shackleton
12.00	Hypoxia and altitude training in Thoroughbreds Allan Davies		Glaucoma in rabbits and exotics TBA	
12.30	LUNCH – FIRST FLOOR			
1.30	Invited talk from EVA/ANZCVS shared session 2015 Meredith Flash	CPR Practical Session	Microscopic lesions in canine eyes with primary Glaucoma Karen Dunn	Estimating the economic benefit from pregnancy testing Bill Malcolm
	Research Session – submitted 20 minute abstracts will be judged and the people with the leading abstracts will be invited to present their research abstract during this session.	Limited Registration – members of the Veterinary Emergency and Critical Care Chapter will be given preference for attendance.	Reperfusion injury – implications for the eye Christina McCowan	Farm Cash Flow David Hawkins
2.00				
2.30			Advances in Optic nerve protection for Glaucoma TBA	
3.00	AFTERNOON TEA IN TRADE DISPLAY AREAS			
3.30	Research Session – submitted 20 minute abstracts will be judged and the people with the leading abstracts will be invited to present their research abstract during this session.	CPR Practical Session	Surgical advances in Glaucoma Mark Bilson	Using Lean & HACCP principles to improve farm business effectiveness Mark Wustenberg
4.00		Limited Registration – members of the Veterinary Emergency and Critical Care Chapter will be given preference for attendance.	An unusual neurological disorder in the dog Mike Bernays	
4.30			Young speakers Forum Hayley Newman	Using basic beef cattle numbers to provide meaningful diagnostics and herd budget planning Tim Moravek
5.00			Young speakers Forum James White	
6.00	HAPPY HOUR – STINGRAY LOUNGE, GROUND FLOOR			

TIME	THURSDAY 7 JULY 2016			
	SOUTH BREAK ROOM EPIDEMIOLOGY CHAPTER	MALIBU ROOM ANIMAL WELFARE	BAYWATCH ROOM (22ND FLOOR) VET. ZOO AND WILDLIFE CHAPTER	ORCHID ROOM (22ND FLOOR) VETERINARY BEHAVIOUR
8.00	Plenary Forum: Point Break Room Why two supervisors are better than one in fellowship training programs Board of Examiners			
9.00	Quantitative outcomes of a One Health approach: a systematic review Marnie Brennan	This week in Animal Welfare: What buttons do we push? Ian Dacre and Mel Latter	Zoo and Wildlife Emerging diseases	Updates with Behaviour Assessments Gaïlle Perry
9.30				
9.40	Network for Evaluation of One Health (NEOH) (EU COST Action TD1404): Developing a standardized methodology to evaluate One Health activities and enhancing the evidence base on the added value of interdisciplinary collaboration Marilena Filippitzi	The year in Animal Welfare: 2015/2016 highlights and lowlights Peter Thornber		Kitten Kindy and the role of veterinary practices in preventing feline behaviour problems Jess Beer
10.00	MORNING TEA IN TRADE DISPLAY AREAS			
10.30	Flying-fox roost disturbance and Hendra virus spillover risk Hume Field	Live export welfare indicators Teresa Collins	Zoo and Wildlife Case Reports	TBA Katherine MacMillan
10.50	Routes of Hendra virus excretion in naturally-infected flying-foxes: implications for viral transmission and spillover risk			
11.00	Dan Edson	The pet food industry TBC		
11.10	Spatiotemporal aspects of Hendra virus infection in pteropid bats (flying-foxes) in eastern Australia David Jordan			
11.30	Co-infections or co-circulation? Dynamics of Hendra and other paramyxoviruses in flying foxes in South-east Queensland Alison Peel	Dolphins in captivity Jordan Sosnowski		TBA Gaïlle Perry
11.50	Factors influencing uptake of the Hendra virus vaccine for Horses			
12.00	Navneet Dhand	OIE, an IO industry example Ian Dacre		Behaviour enrichment Gillian Shippen
12.10	Hendra virus and risk communication between vets and horse owners: What do we need to consider? Jennifer Manyweathers			
12.30	LUNCH – FIRST FLOOR			
1.30	Going viral in Papua New Guinea – an on-line qualitative study to investigate the reasons for dog entry into PNG Victoria Brookes	The Illogical Races – why jumps racing should be banned in South Australia Di Evans	VET. ZOO AND WILDLIFE AND AVIAN HEALTH CHAPTER	TBA Kim Kendall
2.00		Ethical Cat Cafes Kim Kendall	Triaging the critical avian patient – the first 23 hours – keeping it alive Karen Dobson	
2.10	Tackling emerging disease threats at source: the Australian Government's partnerships with Indonesia, Timor Leste and PNG Jonathan Happold			Practical applications of Trazodone in Veterinary Behaviour Practice Cam Day
2.30	What is the evidence to support the tripartite approach for global elimination of dog-mediated human rabies by 2030? Andrea Britton	Bone marrow fat analysis as a tool in ruminant welfare investigations Christina McCowan	The dyspnoeic bird Bob Doneley	
2.45	Critical Analysis of the Global Alliance for Rabies Control 'Blueprint for Rabies Control' Helen Byrnes			
3.00	AFTERNOON TEA IN TRADE DISPLAY AREAS			
3.30	Mycoplasma bovis in Australian feedlot cattle: risk factors for seroconversion and association with bovine respiratory disease Tamsin Barnes	African bush meat crisis Tanya Stephens		Case studies – updates on treating separation anxiety Kersti Seksel
3.50	Evaluating the Cost-benefits of Control Strategies for Bovine Digital Dermatitis in Pastoral Dairy Herds Aaron Yang			
4.10	Inferring attribution from a multi-year multisource data set of Salmonella in Minnesota Christina Ahlstrom	The forgotten dogs and cats relinquished online – what do we know about them? Susan Hazel		The use of serum cortisol levels to compare the effectiveness of three pre-anaesthetic protocols at reducing stress in surgical patients prior to surgery Euan Kilpatrick
4.30	Serological surveillance for anthrax in healthy Victorian cattle Kelly Porter	Management of livestock truck rollovers Nigel Brown		
4.50	Bayesian time series regression approach to understand the temporal patterns of Anthrax outbreaks in Karnataka, India			Chapter Annual General Meeting
5.00	Mudassar Chanda	Chapter Annual General Meeting		
5.10	Update on bovine tuberculosis in Fiji Elva Borja			
6.00	HAPPY HOUR – STINGRAY LOUNGE, GROUND FLOOR			

TIME	FRIDAY 8 JULY 2016			
	POINT BREAK ROOM SMALL ANIMAL MEDICINE	DIAMOND HEAD ROOM SURGERY CHAPTER	CALIFORNIA ROOM ZOO AND WILDLIFE MEDICINE	WAIKIKI ROOM EQUINE CHAPTER
8.00	Plenary Forum: Point Break Room Performance under Pressure – Dr Olav Muurlink			
9.00	The Small Animal Medicine and Feline Medicine Chapters invite postgraduate students, residents, interns, clinicians, and researchers to submit abstracts of practical and scientific topics related to canine and feline medicine. Abstracts can be focused on applied or clinical research. Case series describing unusual or difficult cases are also encouraged. Outstanding single case reports will additionally be considered. Abstract deadline- 11:59pm AEST 29 April 2016 Abstracts submitted after this date will not be accepted.	Elbow Dysplasia: Managing FCP Brian Beale		Quantification of microdamage in the distal metacarpus of racehorses Chris Whitton
9.30		Elbow Dysplasia: ulna osteotomy Brian Beale		The effects of exercise related to catastrophic injuries in thoroughbred racehorses Stuart Vallance
10.00	MORNING TEA			
10.30	Abstracts can be submitted electronically to Mary Thompson at Mary.Thompson@murdoch.edu.au They will be reviewed by a panel of clinical specialists and/or researchers and selected on merit. Abstracts presented by postgraduate students, small animal or feline medicine residents (including those who have completed a residency within the last 6 months but have not yet completed certifying examinations), and interns may be eligible for prizes. Details for manuscript submission and guidelines are available on the College website	Elbow Dysplasia - anthroplasty techniques Don Hulse		Imaging subchondral bone disease in the equine athlete Sarah Powell
11.00		Elbow Dysplasia - mature dogs Christopher Preston		Low field MRI as a biomarker for fracture pathology in the Thoroughbred fetlock joint Sarah Powell
11.15				
11.30		Chapter Annual General Meeting		POD of the racehorse fetlock: science and practice Peter Ramzan
11.50				
12.30	LUNCH – FIRST FLOOR			
	Oncology Abstracts – Shared session with the Oncology Chapter	Young Speakers Program	ZOO & WILDLIFE MEDICINE & AQUATIC ANIMAL HEALTH	What has MRI taught us about radiographic interpretation of the equine foot? Sarah Powell
1.30	An update on intranasal neoplasia in the dog: a retrospective evaluation of demographics at presentation, diagnosis and treatment Jia Wen Siow		Elasmobranch medicine and surgery 101 Robert Jones	
1.45	Furosemide for prevention of metronomic cyclophosphamide-associated sterile cystitis in dogs Laura Setyo		Assisted reproduction techniques in Elasmobranchs Robert Jones	
2.00	LOPP protocol as a firstline treatment for T-cell lymphoma Penny Brown			
2.15	NT-ProBNP as a marker for anthracycline induced cardiotoxicity Penny Brown		Investigating fish kills in WA Jo Bannister	Australian experience of distal limb MRI Robin Bell
2.30	Initial observations using a novel immunologic therapy against canine soft tissue sarcoma Sarah Mitchell			
2.45	Prevalence of exon 11 internal tandem duplications in the C-KIT proto-oncogene in Australian canine mast cell tumours Anne Peaston			
3.00	AFTERNOON TEA IN TRADE DISPLAY AREAS			
3.30	Film Reading Session – Shared Session between the Radiology Chapter and the Small Animal Medicine Chapter Featuring Dr. Johan Schoeman	Young Speakers Program (continued)		Evidence based administration of pharmaceuticals in race track practice Peter Ramzan
4.00				
4.30	Chapter Annual General Meeting			Chapter Annual General Meeting
5.30	COLLEGE ANNUAL GENERAL MEETING - SUNSET ROOM			
7.00	Small Animal Medicine and Feline Medicine Chapters Hill's Cocktail Party (the Lawn, outside Stingray Bar)			

TIME	FRIDAY 8 JULY 2016			
	CLOUDBREAK ROOM OPHTHALMOLOGY AND ANAESTHESIA CHAPTERS	SUNSET ROOM VETERINARY EMERGENCY AND CRITICAL CARE CHAPTER	NORTH BREAK ROOM CATTLE CHAPTER	SOUTH BREAK ROOM PHARMACOLOGY AND EPIDEMIOLOGY CHAPTER
8.00	Plenary Forum: Point Break Room Performance under Pressure – Dr Olav Muurlink			
9.00	Pain and the ophthalmic patient Leah Bradbury	Young Speaker Presentations	Sustaining dairy farmers through tough times Mark Wustenberg	Pharmacoepidemiology: The time is now! Stephen Page
9.30	Pain and the ophthalmic patient Anu O'Reilly		Driving the profitability of Northern Australian beef herds – marginal productivity and profitability concepts Tim Moravek	Designing clinical trials for meaningful outcomes Peter Rolfe
9.40				
10.00	MORNING TEA			
10.30	Regional Anaesthesia for enucleation Jen Carter	IVECCS Update Gerardo Poli	Workshop Farm Business Management – where can you make a difference Tom Walsh	Assessing the performance of indirect comparisons from mixed treatment metaanalysis of antibiotic treatment options for bovine respiratory disease compared to direct randomized control trial data Annette O'Connor
10.50				Development and trialling of an autogenous Coxiella burnetii vaccine Simon Firestone
11.00	Regional Anaesthesia for ophthalmic procedures Jen Carter	The effect of artificial colloid fluids on total plasma protein and colloid osmotic pressure in vitro Elodie Yam		Effectiveness of GudairTM vaccination for controlling ovine Johne's disease in infected flocks of variable initial prevalence Navneet Dhand
11.10				
11.30	Sub-Tenon's anaesthesia techniques for orbital anaesthesia Kellam Bayley	Evaluation of the sterility of single-dose medications used in a multiple-dose fashion; a pilot study and literature review Claire Sharpe		Pharmacoepidemiology Panel Session
11.50				
12.00	Sub-Tenon's anaesthesia and cataract surgery; an alternative to systemic Kellam Bayley			
12.30	LUNCH – FIRST FLOOR			
1.30	General anaesthesia or sedation for geriatric patients with ophthalmic disease Chris Quinn	Blood storage lesions and leukoreduction Sarah Purcell	The economics of pasture renovation or cropping in grazing systems Bill Malcolm	Epidemiological Secrets of Australia's wet tropical rainforests Bruce Gummow
2.00			Diving profit on Southern Beef enterprises Jim Shovelton	
2.10				Chapter Annual General Meeting
2.15	Anaesthesia and analgesia for small mammals presenting with ophthalmic conditions			
2.30	Bob Doneley	6 steps to diagnosing Dyspnoea Robert Webster	Using DairyBase on farm Neil Lane	
3.00	AFTERNOON TEA IN TRADE DISPLAY AREAS			
3.30	Transdermal local anaesthesia and ophthalmic patients Eleanor Drynan	2016 definitions of sepsis and septic shock; what's new and how they apply to veterinary medicine Claire Sharpe	Engaging clients in a more business focussed discussion – a veterinary consultant's perspective (Panel discussion)	"National TSE Surveillance Program – a decade of Australian surveillance" Rob Barwell
3.50				National initiatives to strengthen Australia's capability of animal health surveillance Jonathan Happold
4.00	Perioperative management of a tapir undergoing eye examination under general anaesthetic Sebastien Bauquier Anu O'Reilly			Comparison of alternatives to passive surveillance to detect foot and mouth disease incursions in Victoria, Australia Iain East
4.10				
4.30		Chapter Annual General Meeting	Chapter Annual General Meeting	It's interface, stupid: engaging veterinarians to provide data for practice data-based surveillance in equines and companion animals Petra Muellner
4.50				Analysing sheep abattoir data: is it worth it? Barry Robinson
5.30	COLLEGE ANNUAL GENERAL MEETING – SUNSET ROOM			

TIME	FRIDAY 8 JULY 2016			
	MALIBU ROOM ANIMAL WELFARE	BAYWATCH ROOM (22ND FLOOR) DENTISTRY CHAPTER	LONGBOARD ROOM (2ND FLOOR) RADIOLOGY CHAPTER	ORCHID ROOM (22ND FLOOR) VETERINARY BEHAVIOUR
8.00	Plenary Forum: Point Break Room Performance under Pressure Dr Olav Muurlink			
9.00	Training stock people to clicker train chickens – does it change their attitudes? Susan Hazel	Malocclusion in Small Animals – Part 1 Wayne Fitzgerald	MRI Brain Atlas: a road map to knowledge, discovery and diagnosis Marjorie Milne	Veterinary Behaviour will join Animal Welfare in the Malibu Room until 11.30 a.m.
9.30	Does one size fit all? Dog harnesses and collars used in Australian dogs Petra Edwards			
10.00	MORNING TEA IN TRADE DISPLAY AREAS			
10.30	Welfare of behaviour modifications Kersti Seksel	Malocclusion in Small Animals – Part 2 Wayne Fitzgerald	Coelomic ultrasound in avian patients Katrina Garrett	Veterinary Behaviour will join Animal Welfare in the Malibu Room until 11.30 a.m.
10.50			Ultra sonographic appearance of the normal major duodenal papilla in dogs and comparison with histology Susie Lillis	
11.10			Thyroid scintigraphy in severely hyperthyroid cats: A description of scintigraphic images and comparison to previous literature Annie Rose	
11.30	Obesity in dogs: a major welfare problem Peter Holm		Pulmonary Imaging Alana Rosenblatt	TBA Kim Kendall
12.00	RSPCA and Vets working together to improve human and animal welfare Di Evans			TBA Trepheena Hunter
12.30	LUNCH – FIRST FLOOR			
1.30	Lion's Den – multidisciplinary animal welfare session. Small Animal Medicine Robyn Jarrett	Chapter Annual General Meeting	Ultrasound guided versus palpation guided intraarticular injection of the canine hip joint – a cadaveric study Ben Wernham	Emotions in Animals Jacqui Ley
2.00	Epidemiology			
2.10		These workshops are limited to 4 registrants per workshop (3 workshops) with a total of 12 registrants.	Imaging reporting style preferences in veterinary practice – a preliminary study Karon Hoffman	TBA A. O'Shea
2.30	Open Chapter: Speak Up	Orthodontics Workshop 1 Wayne Fitzgerald and Rod Salter		
2.40			Diagnostic imaging findings in captive moon bears Natalie Webster	
3.00	AFTERNOON TEA IN TRADE DISPLAY AREAS			
3.30	Brachycephalic dog welfare issues Philip Moses	Orthodontics Workshop 1 Wayne Fitzgerald and Rod Salter	Film Reading Session in the Point Break Room with the Small Animal Medicine Chapter	Noise Sensitivities Isabelle Resch
4.00	Equine			
4.15				
4.30	Aquatic Animal Welfare Richmond Loh		Chapter Annual General Meeting	
5.00	So you think your Chapter is the best for animals' welfare			
5.30	COLLEGE ANNUAL GENERAL MEETING – SUNSET ROOM			

TIME	SATURDAY 9 JULY 2016		
	POINT BREAK ROOM SMALL ANIMAL MEDICINE	DIAMOND HEAD ROOM SURGERY	CALIFORNIA ROOM PHARMACOLOGY CHAPTER
8.00	Plenary Forum: Point Break Room Evolution of Veterinary Education – how we got to where we are Professor Trevor Heath		
9.00	Putative molecular pathogenesis(es) of feline hyperthyroidism – sifting through the signal transduction crosstalk Richard Burchell	Tissue Anchors in Orthopaedic Surgery Brian Beale	Antibiotic free NZ – a pipedream? Denis Scott
9.20			TBA
9.30	Unravelling the complex immune-biochemical aetiology and consequences of diabetic ketoacidosis: deconstructing treasured paradigms Richard Burchell	Shoulder instability: pathogen and dx Brian Beale	
9.40			Pegbovigragstim effects on Neutrophils in periparturient dairy cows Charlie Chase
10.00	MORNING TEA IN TRADE DISPLAY AREAS		
10.30	How to identify hypoglycaemia induced hyperglycaemia (Somogyi effect) Linda Fleeman	Shoulder instability: how I treat Brian Beale	Pharmacokinetics and Pharmacodynamics of Proton Pump Inhibitors in the horse Ben Sykes
11.00	“The challenges and pitfalls of glucose monitoring in diabetics Drs. Linda Fleeman and Ann Thompson	Cranial Cruciate Ligament: evolution of extracapsular Brian Beale	Pharmacokinetics and Pharmacodynamics of Esomeprazole in the dog Emily Cook
11.10			
11.30		Cranial Cruciate Ligament: modern suture anchor techniques: when/how Don Hulse	C5a and HCM in cats Paul Mills
11.50	Application of GLP-1 mimetic drugs in the management of feline diabetes mellitus Aaron Herndon		Proteomics to detect Biomarkers of Pain and Inflammation Priya Ghodasara
12.00		Patella luxation and plateau levelling Brian Beale	
12.10			Panel Discussion
12.30	LUNCH – FIRST FLOOR		
1.30	Gastrointestinal histopathology for medics – what I'd have liked to know when I was a medicine resident that I know now. Arnon Gal	Stifle: Meniscus – treating the torn meniscus Don Hulse	Five most relevant Pharmacology papers in J Vet PT Sara Robson
1.50			Pharmacology discovery, research and development of novel companion animal products: experiences from Australian Start-Ups Stephen Page
2.00		TPL: Tibial Plateau Levelling Osteotomy - why I use Chris Preston	
2.20	So albumin is lost in the dog's gut...What diagnostics test do I need before treating Julien Dandrieux	TPL: Tibial Tuberosity Advancement - why I use Sarah Goldsmid	Determination of Mefloquine's Intrinsic Clearance by Feline Microsomes; could this be a suitable treatment for Feline Infectious Peritonitis (FIP)? Aaron Izes
2.30			
2.40	Protein-losing enteropathy in dogs: Any chance of a good outcome? Julien Dandrieux		Panel Discussion
3.00	AFTERNOON TEA IN TRADE DISPLAY AREAS		
3.30	Endocrine and metabolic changes in severe inflammatory illness Johan Schoeman	TPL: Tibial Tuberosity Osteotomy - why I use Warwick Bruce	Nanotechnology and Regenerative Medicine (Stem Cells, Gene Therapy) Phil Reeves
4.00		TPL: Cora Based Levelling Osteotomy - why I use Don Hulse	
4.10			Turnover of selected NSAIDs in Marsupials Merran Govendir
4.30	Evidence based corticosteroid therapy in critical illness Johan Schoeman	TPL panel discussion and questions	In-vitro Plasma Protein Binding of Cefovecin in Marsupials v's the horse Soraya Gharibi
4.40			Panel discussion
7.00	COLLEGE AWARDS DINNER – BALLROOM		

TIME	SATURDAY 9 JULY 2016		
	WAIKIKI ROOM EQUINE CHAPTER	SUNSET ROOM VETERINARY ANAESTHESIA AND ANALGESIA	CLOUDBREAK ROOM OPHTHALMOLOGY CHAPTER
8.00	Plenary Forum: Point Break Room Evolution of Veterinary Education – how we got to where we are Professor Trevor Heath		
9.00	Imaging the proximal metacarpus/tarsus Sarah Powell	Young Speaker Abstracts	Examination of the fundus. What is normal – What is not? Susan Jacobi
9.30	Management of suspensory branch injuries Peter Ramzan		
10.00	MORNING TEA IN TRADE DISPLAY AREAS		
10.30	Management of proximal suspensory disease in the performance horse Robin Bell	Young Speaker Abstracts	JPEG open room discussion for Ophthalmology
11.00	Pre-purchase examination of Thoroughbred yearlings and horses in training Peter Ramzan		
11.30		Inaugural Annual General Meeting Veterinary Anaesthesia and Analgesia	
12.00	MRI screening of the equine athlete prior to purchase: an ethical perspective Sarah Powell		Slide session of ACES
12.30	LUNCH – FIRST FLOOR		
1.30	Challenging Lameness Cases – Workup and Management Panel – Peter Ramzan, Sarah Powell, Stu Valance, Robin Bell	Anaesthesia Review Topics (ART) Epidural anaesthesia: hidden secrets of an old friend Fernando Martinez-Taboada	PRIVATE MEETING FOR ACES PANELLISTS AND OPHTHALMOLOGY RESIDENTS ONLY
2.15		Paravertebral block of the Brachial Plexus in dogs Kip Lemke	
3.00	AFTERNOON TEA IN TRADE DISPLAY AREAS		
3.30	Challenging Lameness Cases – Workup and Management – continued Panel – Peter Ramzan, Sarah Powell, Stu Valance, Robin Bell	How an anaesthetist should use an ultrasound (US) machine Zoe Lenard	Chapter Annual Meeting
4.00		Anaesthesia Review Topics (ART) Is anaesthesia for US? Fernando Martinez-Taboada	
6.00	COLLEGE AWARDS DINNER – BALLROOM		

TIME	SATURDAY 9 JULY 2016	
	NORTH BREAK ROOM CATTLE CHAPTER	SOUTH BREAK ROOM EPIDEMIOLOGY CHAPTER
8.00	Plenary Forum: Point Break Room Evolution of Veterinary Education – how we got to where we are Professor Trevor Heath	
9.00	How herd management and genetic selection policies combine to determine herd makeup and performance Richard Shephard	Regression to the mean and other challenges when interpreting before-after comparisons John Morton
9.20		Epidemix – an interactive application teaching the ins and outs of infectious disease modelling Uli Muellner
9.30	Economics of moving away from calving induction Dave Hawkins	
9.40		Biocheck.ugent®: a risk-based quantitative tool to measure biosecurity at pig farms Marilena Filippitzi
10.00	MORNING TEA IN TRADE DISPLAY AREAS	
10.30	Evaluating the economic loss caused by DD Aaron Yang	Understanding biosecurity among new and emerging industry Marta Hernandez-Jover
10.50		Building a sustainable framework for expert-guided biosecurity threat assessment by the New Zealand dairy industry Chris Morley
11.00	TBA	
11.10		SurF – New Zealand/s cross-sectorial framework for the evaluation of biosecurity surveillance Jonathan Watts
11.30	Factors influencing dark cutting Kate Louden	Early decision indicators to predict the severity of an FMD outbreak Graeme Garner
11.50		Dealing with network, spatial and missing data: Sheep movement in Victoria Caitlin Pfeiffer
12.10	TBA	Models to infer the mechanisms and predict risk of Hendra virus spillover Gerardo Martin
12.30	LUNCH – FIRST FLOOR	
1.30	The cost of calving Charlie Chase	An assessment of the association between soil pH and Ovine Johne's Disease using Australian abattoir surveillance data Brendon Cowled
1.50		Evaluation of the association between climatic conditions and anthrax outbreaks in Victorian and New South Wales cattle and sheep Jaimie Hunnam
2.10	A processor's perspective on Milk Quality Mark Wustenberg	Spatial analysis of Brucella suis infection in dogs in NSW Barbara Moloney
2.30		Predicting fluoride accumulation in freeranging eastern grey kangaroos (Macropus giganteus) from spatial data Clare Death
2.45		Nectar phenology predicts bat population dynamics John Giles
3.00	AFTERNOON TEA IN TRADE DISPLAY AREAS	
3.30		A survey of case-control studies in veterinary science Annette M. O'Connor
3.50		Feline Obesity in Metropolitan Sydney Australia: Risk factors and Survival. Kendy Teng
4.10		Canaries in the bird cage: Can the place and location of snake bite events in dogs and cats help predict the risk of snake bite in humans? Mark Stevenson
4.30		TeamMate a prospective study of working farm dog health: Study design, implementation and baseline data Naomi Cogger
4.50		Clinical practice of small animal cardiopulmonary resuscitation after publication of standardised guidelines: an internet based survey Ide Gillespie
5.10		Anthropozoonotic parasites in urban dwelling marsupials in the greater Perth region Alison Hillman
7.00	COLLEGE AWARDS DINNER – BALLROOM	

TIME	SATURDAY 9 JULY 2016			
	MALIBU ROOM ANIMAL WELFARE	LONGBOARD ROOM (2ND FLOOR) AQUATIC ANIMAL HEALTH	BAYWATCH ROOM (22ND FLOOR) DENTISTRY CHAPTER	ORCHID ROOM (22ND FLOOR) VETERINARY BEHAVIOUR
8.00	Plenary Forum: Point Break Room Evolution of Veterinary Education – how we got to where we are Professor Trevor Heath			
9.00	Compassionate conservation and the welfare of individual wild animals Dan Ramp	Applied fish immunology with a focus on comparative immunology, mucosal immunity in protozoan parasite disease management and vaccine developments Professor Jung Tae Sung	These workshops are limited to 4 registrants per workshop (3 workshops) with a total of 12 registrants. Orthodontics Workshop 2 Wayne Fitzgerald and Rod Salter	TBA Robert Holmes
9.20				
9.30	Moving towards more humane management of Brumbies: update on ecological and immunocontraceptive research Andrea Harvey			
9.40				
10.00	MORNING TEA IN TRADE DISPLAY AREAS			
10.30	Social play behaviour in dependant young Eastern Grey Kangaroos Dan Ramp	Trypanosomiasis in cultured Epinephelus areolatus Roger Chong	Orthodontics Workshop 2 Wayne Fitzgerald and Rod Salter	Resting and sleep patterns in dogs left at home alone Katherine MacMillan
10.45		Opportunities in ornamental fish research Stephen Pyecroft		
11.00	Approach to welfare assessment of wild animals Andrea Harvey	Vetting Axolotis Richmond Loh		
11.15		Effects of Endocrine disrupting chemicals (EDCs) Matt Landos		
11.30	Vets and Wildlife Carers Nigel Brown			TBA Kersti Seksel
12.00	Panel Discussion			
12.15		General Questions and Answers		
12.30	LUNCH – FIRST FLOOR			
1.30	University Challenge	Study on pathophysiology of Sertoli cell due to aquatic pollution in Indian river, Godvara Prof. Y Khillare	These workshops are limited to 4 registrants per workshop (3 workshops) with a total of 12 registrants. Orthodontics Workshop 3 Wayne Fitzgerald and Rod Salter	Legal implications of EOL decisions and aggressive dogs
1.45		Effects of Endocrine disrupting chemicals (EDCs) Matt Landos		
2.15				
2.30				Forum/panel EOL decisions
3.00	AFTERNOON TEA IN TRADE DISPLAY AREAS			
3.30	University Challenge	Hollow sperm in Tiger Shrimp Roger Chong	Orthodontics Workshop 3 Wayne Fitzgerald and Rod Salter	Open discussion on hot topics in Veterinary Behaviour
4.00		TBA		
6.00	COLLEGE AWARDS DINNER – BALLROOM			

ACCOMMODATION

Accommodation at the QT Gold Coast, Surfers Paradise must be booked directly with the Hotel www.qtgoldcoast.com.au or on the accommodation booking form included in this program.

It is your responsibility to organise accommodation during your stay. To follow are a few alternative suggestions that may be of some assistance to you.

CROWN TOWERS APARTMENTS RESORT

(Situated next door to the QT Gold Coast) Resort offers one, two and three bedroom apartments

Telephone (07) 5555 9999, Fax (07) 5555 9998,
Toll Free Reservations 1800 039 187
www.mantra.com.au/crowntowers

MANTRA SUN CITY

(Situated in close proximity to the QT Hotel). Resort offers one, two and three bedroom apartments.

Telephone (07) 5584 6000, www.mantra.com.au/suncity
Useful tourism web site: www.visitgoldcoast.com

AIRPORT COACH AND TRAIN TRANSFERS

Return transfers from either Brisbane or Coolangatta Airports to Gold Coast accommodation operate daily. Further details on costs involved can be obtained by contacting one of the following operators.

Airport Con-X-Ion Tel. +61 7 5556 9888
Email. bookings@con-x-ion.com www.con-x-ion.com

Airtrain Connect Tel. +61 7 3216 3308
Email. reservations@airtrain.com.au www.airtrain.com.au

Surfers Paradise is located 75 kms south of Brisbane Airport (approximately 1 hour by road) and 20 kms from Coolangatta Airport (approximately 45 minutes by road).

PROGRAM

All speakers and sessions were confirmed and correct at the time of printing. The Australian and New Zealand College of Veterinary Scientists reserves the right to amend the program details if necessary.

NOTICE BOARD

A College Science Week Communications Board will be situated near the registration desk. Check this board daily for messages from College Science Week registrants.

CANCELLATION OF REGISTRATION

A 40% cancellation fee will apply if cancellation is received less than 14 days prior to the event. Written request for refund must be made to the College Manager within thirty days.



AUSTRALIAN AND NEW ZEALAND COLLEGE OF VETERINARY SCIENTISTS

BUILDING 3, GARDEN CITY OFFICE PARK, 2404 LOGAN ROAD, EIGHT MILE PLAINS, QLD. 4113
 TELEPHONE: (07) 3423 2016; FAX: (07) 3423 2977; EMAIL: ADMIN@ANZCVS.ORG.AU

REGISTRATION FORM COLLEGE SCIENCE WEEK 7TH JULY, 8TH JULY AND 9TH JULY 2016

Name

Address

Preferred name for tag

Mobile Telephone No. College Member YES NO

For planning purposes only, please indicate major interest:

- Small Animal Medicine Equine Animal Welfare Vet. Emer. & Critical Care Surgery
 Cattle Epidemiology Ophthalmology Dentistry Feline Radiology Pharmacology
 Avian Zoo and Wildlife Aquatic Animals Veterinary Anaesthesia and Analgesia

Indicate days of attendance Thursday 7th Friday 8th Saturday 9th

REGISTRATION FEES (include morning and afternoon tea and lunch and unrestricted access to all sessions on the day.)

	MEMBER	NON MEMBER	FELLOWSHIP CANDIDATE	TOTAL \$A inc. GST
Three days	\$840	\$895	\$630	\$A
Two and Half Days	\$760	\$790	\$570	\$A
Two Days	\$685	\$710	\$515	\$A
One and Half Days	\$605	\$655	\$455	\$A
One Day	\$475	\$525	\$360	\$A
Half Day (inc. lunch)	\$340	\$420	\$255	\$A
*Student Day Rate	\$290	\$290	\$215	\$A
Examiners	NIL	NIL	NIL	NIL
Awards Dinner 9 July	\$A160	\$A160	\$A160	\$A
Entry by Ticket only				
Total inc. GST				

Please forward payment to ANZCVS at the above address or register online at www.anzcv.org.au

Cheque Mastercard Visa

Card No. Date of Expiry CVV

Name on Card Signature

NB: Payment by Mastercard or Visa will incur a 2% administration charge.

Speakers must register (No charge on day of presentation only)

*Student rates are available for undergraduate or post graduate students not in full time paid employment and on receipt of documentary evidence.



ACCOMMODATION BOOKING

Australian & New Zealand College of Veterinary Scientists
Exams & Science Week
Saturday 2 July – Sunday 10 July 2016

Adults	Children	Infants
Name	Address	
Phone		
Email	State	P/code

ACCOMMODATION INFORMATION			
Rooms			
<input type="checkbox"/>	Accommodation Room \$199.00 per room per night (Including breakfast for 1 person)	<input type="checkbox"/>	Accommodation Room \$224.00 per room per night (including breakfast for 2 persons)
<input type="checkbox"/>	QT King Suite \$299.00 per room per night (including breakfast for 1 person)	<input type="checkbox"/>	QT King Suite \$324.00 per room per night (including breakfast for 2 persons)
Bedding			
<input type="checkbox"/>	King Bed (1 x king bed)	<input type="checkbox"/>	Twin (2 x beds)
		<input type="checkbox"/>	Additional Person on a rollaway bed (\$55.00 per night)

Booking Comments / Requests:

TRAVEL INFORMATION	
Arrival Date	Arrival Time
Departure Date	Departure Time

PAYMENT DETAILS			
Credit Card	Amex <input type="checkbox"/>	Diners <input type="checkbox"/>	Visa <input type="checkbox"/>
			Master Card <input type="checkbox"/>
Number			Expiry Date
Name on card	Signature		

TERMS AND CONDITIONS:

- Above rates are offered exclusively for the conference. Guests are welcome to extend their stay outside the conference; however rooms are subject to availability at time of booking.
- If the guest staying at the hotel is not the cardholder and charges are to be debited against the above card, please contact the hotel for a credit card authorisation form. If this is not received prior to check in, the guest will be charged upon check out.
- Please note, if you are settling your final account with a credit card, a credit card transaction fee of 1.5% for Visa & MasterCard, and 3.5% for Diners, American Express and JCB applies.
- A credit card number, a deposit of one nights' accommodation by cheque or money order is required to confirm your booking.
- All bookings are confirmed subject to availability at the time of booking request, confirmed in writing by the hotel.
- Due to the size and nature of the Group, all rooms will be allocated on a Run of House basis at the discretion of the Hotel. As such specific room and feature type allocations will be at the discretion of the Hotel

CANCELLATION POLICY: Your reservation may be cancelled without penalty, if cancelled more than 7 Days prior to booking arrival date. If cancelled within 30 days of arrival, the nominated credit card will be charged the equivalent to one (1) night's accommodation.

GUARANTEED CHECKIN AND CHECK OUT TIMES: Check in is at 2.00pm and check out is 11.00am

OFFICE USE ONLY	
Reservation #	Confirmed by

Please Return to:

Reservations - P: 07 5584 1200 F: 07 5584 1190 E: reservations_goldcoast@qthotels.com.au



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