

Sunday 24 May 2015

4.30-6:00 Animal Welfare Forum - Great Hall Doors 1&8
6:00-8:00 Welcome Reception and Exhibition Opening



PANPACIFIC VETERINARY CONFERENCE 2015 BRISBANE 24-29 MAY



Monday 25 May 2015

8:00-10:00	President's welcome & plenary: Prof Peter Doherty - From Vet School to the Nobel Prize and Beyond			
10:00-10:30	Morning Tea in Exhibition			
	GREAT HALL Doors 1 & 8	MEZZANINE M3	MEZZANINE M4	MEZZANINE M1
	Small Animal stream sponsored by Idexx Laboratories	Behaviour/ Welfare	Practice Management	Equine
10:30-11:20	Anaesthesia: Making Monitors Work For You Understanding how monitors work, how to interpret the information provided, and how to use this to improve patient outcome <i>Roz Machon</i>	The bad and the ugly of confrontational training methods The use of confrontational training methods are often associated with an aggressive response <i>Meghan Herron</i>	What has happened lately with cloud technology? People are moving to the cloud away from desktop technology. Learn how cloud technology can increase your bottom line <i>Kelly Baltzell</i>	Practical biosecurity planning for horse farms The why, what and how of biosecurity and how to construct a practical outbreak control and prevention plan <i>Josh Slater</i>
11:30-12:20	Anaesthesia: What's new in managing pain An overview of recent advances in, and current ideas for, the management of acute pain in small animals <i>Roz Machon</i>	Understanding canine aggression An overview of making a diagnosis, the basics of treatment plans and how to prevent aggression problems in dogs <i>Meghan Herron</i>	Understanding the challenges to mental health and resilience in the Australian veterinary profession Contributors to psychological distress/resilience in vets <i>Jacqueline Phillips</i>	Equine rescue and emergencies How to deal with crashes, ditches and other incidents with trapped horses, working with emergency services and at racetracks and competitions <i>Josh Slater</i>
12:30-1:30	Lunch in Exhibition			
	Small Animal stream sponsored by Idexx Laboratories	Behaviour	Practice Management / Industry	Equine
1.30-2.20	Approach to the collapsed patient From triage, assessment to stabilisation, this presentation will focus on the approach to animals that present in a collapsed state <i>Daniel Chan</i>	Pharmacological treatment of aggression Medications commonly used in the treatment of aggression and those that can exacerbate aggression are discussed <i>Gabrielle Carter</i>	(a) Trends in the veterinary industry in Australia- where are we heading? Staying relevant to Australian pet owners <i>Glen Richards</i> (b) Trends in the veterinary industry in NZ - where are we heading? From an association and practice perspective <i>Steve Merchant</i>	Fungal disease in horses- diagnosis and treatment Cases of systemic, respiratory and external infection - including equipment and procedures for diagnostic sampling, surgical debulking and medical therapy <i>Allison Stewart</i>
2.30-3.20	Challenges in fluid therapy Fluid therapy continues to be one of the most controversial and challenging aspects of managing critically ill patients. This talk will explore these issues via clinical case discussions <i>Daniel Chan</i>	Cognitive dysfunction and behaviour changes in the aging dog An overview of common age-related behaviour problems in dogs with a special emphasis on canine cognitive dysfunction (CDS) <i>Meghan Herron</i>	Fee Deregulation and oversupply- a new paradigm for the profession How will increases in university fees alongside larger numbers of graduates change the working environment for the next generation of vets? <i>Julia Nicholls</i>	Equine cytology: a case based approach for the practitioner Interesting cases will be used to review abdominocentesis, thoracocentesis, bronchoalveolar lavage, tracheal wash, synovial fluid and cerebrospinal fluid <i>Allison Stewart</i>
3.30-4.00	Afternoon Tea in Exhibition			
	Small Animal stream sponsored by Idexx Laboratories	Behaviour	Practice Management/ Education	Equine
4.00-4.50	Orthopaedic surgery: Cruciates, the lowdown Science-based evidence of joint biomechanics, the importance of the meniscus, and controversy in outcomes of static versus dynamic stifle stabilisation <i>Kyle Clark</i>	Comparative behaviour modification techniques for treatment of aggression Understand the rationale, application and selection of behaviour modification strategies employed in the treatment of aggression in cats and dogs <i>Gabrielle Carter</i>	(a) Practitioners forum: Workforce planning for a sustainable future Assessing demand and supply to assist the profession to fulfil its social mission <i>Debbie Neutze</i> (b) Veterinary workforce planning in New Zealand Using the NZVC annual workforce survey for workforce planning <i>Mark Stevenson</i>	Equine ultrasound: Back to basics How to get the most out of your ultrasound machine by understanding "button-ology" and perfecting your technique <i>Alex Young</i>
5.00-5.50	Orthopaedic surgery: Cruciates, what works for me and why Tips and tricks for a successful arthrotomy, lateral fabello-tibial suture, and tibial plateau levelling osteotomy <i>Kyle Clark</i>	Let's talk excrement: Feline elimination problems Diagnosis, management and treatment of common feline inappropriate elimination problems <i>Meghan Herron</i>	Practitioners forum: demand for companion animal veterinary services in Australia A discussion on the derived demand for companion animal veterinarians <i>John Baguley</i>	Diagnostic Imaging of Equine Orthopaedic Infections How various imaging modalities can help you reach your diagnosis and present your client with a more accurate prognosis <i>Alex Young</i>
6.00-7.00	Happy Hour in Exhibition			



Monday 25 May 2015

8:00-10:00 President's welcome & plenary: Prof Peter Doherty - From Vet School to the Nobel Prize and Beyond				
10:00-10:30 Morning Tea in Exhibition				
	PLAZA P1	MEZZANINE M2	PLAZA P2	PLAZA P3
	Cattle	Industry	Unusual Pets & Avian	Public Health
10:30-11:20	Next generation breeding strategies for the Northern beef industry Evaluation of genetic and genomic methods for increasing herd reproductive performance in tropical beef genotypes in northern Australia <i>Brian Burns</i>	Vaccination for Avian Influenza - Why the negative narrative? A discussion on why vaccination remains an important tool for control and prevention of avian influenza despite growing resistance to its use <i>Les Sims</i>	Desexing Rabbits - what to cut and when to cut Practical advice for rabbit castration and ovariectomy, aimed at the general practitioner <i>Brendan Carmel</i>	(a) One health approach to controlling a Q fever outbreak on an Australian goat farm A large outbreak associated with an Australian goat farm. <i>Simon Firestone</i> (b) Coxiella vaccination options for Australian livestock Vaccination options developed to control infections on a large farm <i>Michael Muleme</i>
11:30-12:20	Decision making in abdominal surgery - cow side diagnostic techniques How the surgical approach is chosen, and techniques to optimize outcome with abdominal surgery in cattle <i>Dave Anderson</i>	Tick-borne disease in Australia: current studies and future directions Our research uses advanced molecular techniques to investigate the microbiome of ticks removed from domestic animals, wildlife and people <i>Peter Irwin</i>	Routine reptile surgeries Learn techniques and approaches for common reptile surgeries in a variety of species <i>Robert Johnson</i>	(a) A review of 20 years of Q fever in Victoria - time to acknowledge endemicity? Time to acknowledge endemicity? <i>Simon Firestone</i> (b) Attitudes and Barriers to Q fever vaccination in the veterinary workforce A national veterinary workforce survey <i>Emily Sellens</i>
12:30-1:30 Lunch in Exhibition				
	Cattle	Welfare	Unusual Pets & Avian	History/Public Health/Sheep/Cattle/AVR
1.30-2.20	Updates on intestinal diseases and surgical management This seminar will provide a review of recently reported diseases and outcomes assessment for abdominal surgery in cattle <i>Dave Anderson</i>	Awareness and survival-critical behaviours of newborn and young mammals Cognitively based behavioural flexibility begins when exposure of mammalian young to levels of environmental variability first requires it <i>David Mellor</i>	Sex and the single bird Controlling excessive egg laying in companion birds <i>Bob Doneley</i>	(a) Contributions of Australian veterinarians to FMD control & eradication in SE Asia Opportunities to work on the major challenge of FMD control in the Mekong region. <i>Peter Windsor</i> (b) Progress in controlling FMD in the Greater Mekong Subregion of SE Asia The ambitious SEACFMD roadmap of eradication by 2020. <i>Peter Windsor</i>
2.30-3.20	Persistent Testicular Infection with Bovine Viral Diarrhea Virus Bulls with persistent or chronic testicular infection possess immunity to BVDV, are not Persistently Infected (PI), and shed virus in their ejaculates. How big of an issue is this? <i>Enoch Bergman</i>	Observations on animal health and welfare in southern Jordan A comparative reflection on standards of animal health and welfare of health for ungulates in Australia and Southern Jordan, and the cultural norms that influence these standards <i>Michele Cotton</i>	Avian beak trim - The science of cutting edges Keratin deformities are commonly encountered problems in avian species; learn why they occur and how to manage them correctly <i>Hamish Baron</i>	(a) Socioeconomic impacts of FMD on smallholder farmers in the Mekong Motivating smallholder farmers to adopt preventive biosecurity measures <i>James Young</i> (b) How to control an Australian outbreak of Foot and Mouth Disease Why an outbreak of FMD would be devastating, how to recognise it and halt spread <i>Caroline Barrett</i>
3.30-4.00 Afternoon Tea in Exhibition				
	Cattle/Sheep/ Industry/ AVR	Dental	Unusual Pets & Avian	History
4.00-4.50	AgVet chemical regulation and residues: Collaboration the key Australia's 'clean and safe' status is underpinned by high integrity systems <i>Kathleen Ferme</i>	Analgesia for dentistry - time to control and avoid pain Different drugs used for pain relief and local anaesthetic techniques used in dental procedures <i>Tony Caiafa</i>	Maintaining and monitoring avian and exotic patients under general anaesthesia The basic and advanced tools of anaesthesia maintenance and monitoring for avian and exotic patients <i>Deborah Monks</i>	John Kendall - WW1 veterinarian A life story of John Kendall based on his war service records, war diaries, articles in newspapers, and the Victorian Government Gazette. <i>Ivan Caple</i>
5.00-5.50	What could be practised in rural practice; the other opportunities Why you shouldn't wait for one door to close before opening another; the benefits of complementing practice work with other roles <i>Kathleen Ferme</i>	Oral radiology Should it be standard practice What is required to take quality and diagnostic oral radiographs? Film positioning, special positioning techniques and new digital radiographic processing systems. <i>Tony Caiafa</i>	Routine ferret surgeries A review of common ferret surgical conditions and routine sterilisation procedures, including anaesthetic considerations and perisurgical pain control. <i>David Neck</i>	(a) VetLab: from private patronage to private enterprise History of the SA Vet Laboratory from establishment to privatisation. <i>Dr Tony Davidson</i> (b) History SIG Annual Meeting
6.00-7.00 Happy Hour in Exhibition				

	Small Animal /Dental	Behaviour	Practice Management /Industry	Equine /Dental
	GREAT HALL Doors 1 & 8	MEZZANINE M3	MEZZANINE M4	MEZZANINE M1
8.00-8.50	Oral tumours and their treatment Oral cancer in cats and dogs is relatively common and the techniques for effective treatment are within the reach of small animal veterinarians <i>Rod Straw</i>	Emotional basis of aggression Aggression may be logically, effectively and humanely prevented, reduced or managed by lowering emotional arousal of both animal and handler <i>Robert Holmes</i>	(a) Compounding – what’s best practice? Vets must not only be aware of their responsibilities to their clients, they must ensure that they stay within the law <i>James Gilkerson</i> (b) Reducing costly mistakes in veterinary care Understand common errors which contribute to claims and complaints <i>Christie Boucher</i>	Dermatology workshop A case-based workshop session covering the approach to skin cases, using some common and not so common case examples <i>Josh Slater</i>
9.00-9.50	Surgical extractions - do they ever just "pop" out? "Extraction" ...often a despised word to veterinarians. Let’s look at how we can help... <i>Wayne Fitzgerald</i>	Neuroscientific basis of aggression The underlying neural circuitry and associated transmitters will be described to provide a logical basis for control of aggression <i>Robert Holmes</i>	Websites - what are they today? Websites now have multiple functions and need to be viewed on mobile devices. Is your website ready for the new world? <i>Kelly Baltzell</i>	Periodontal disease in the horse Periodontal disease is common in the horse and the diagnosis and management of this disease pose problems for the practitioner. <i>Gary Wilson</i>
10.00-10.45	Morning Tea in Exhibition			
10.45-11.45	Plenary: Annabel Crabb - Having it all doesn't mean doing it all			
12.00-1.30	Lunch in Exhibition			
	Small Animal/Welfare	Behaviour	Practice Management	Equine
1.30-2.20	Managing severe trauma cases – case discussion If there is one type of case that encompasses the various aspects of emergency and critical care, it is the severe traumatised patient. Various challenges encountered in trauma clinical case discussion <i>Daniel Chan</i>	Bite prevention in small animal practice – how low stress handling can change your life - 1 An in-depth discussion of body language in dogs and cats and an introduction to low stress handling principals <i>Meghan Herron</i>	Google Analytics: It's like lab results for websites Stop running blind and know what your website and marketing program are doing for your business with Google Analytics <i>Kelly Baltzell</i>	Searching for the inflammatory focus- a case based approach The horse is dull and losing weight. Using bloodwork, ultrasound, cytology/biopsy ± an internist to differentiate infections from neoplasia <i>Allison Stewart</i>
2.30- 3.20	So you think this Pug is cute? What can go wrong? Brachycephalic breeds of dogs remain popular with the pet owning public. However, there are a number of medical problems that are associated with these breeds <i>Daniel Chan</i>	Bite prevention in small animal practice – how low stress handling can change your life - 2 Applying the principals of low stress handling into small animal practice to keep you safe and your patients happy <i>Meghan Herron</i>	The employment experience: The manager perspective and expectations In any successful employer-employee relationship, managers must understand their own expectations and perceptions and how they affect recruitment, induction and performance management <i>Sue Crampton</i>	Kisspeptin, RF-related protein-3 and equine reproduction Gain an insight into the role of these two recently identified peptides on equine reproduction <i>Scott Norman</i>
3.30-4.00	Afternoon Tea in Exhibition			
	Small Animal stream sponsored by Idexx Laboratories	Behaviour	Practice Management	Equine
4.00-4.50	Thoracic radiographs - getting more from your grey A simple, practical approach to improving your ability to get the most from thoracic radiographs in dogs and cats <i>Zoe Lenard</i>	Starting off on the right paw – the basics of puppy behaviour and problem prevention An overview of the basics of normal puppy behavior, problem prevention, and early identification of abnormal behaviours <i>Meghan Herron</i>	The employment experience: The employee perspective and expectations Following on from Session 1, Sue Crampton will facilitate the discussion on discovering employee expectations, beliefs and motivators <i>Sue Crampton</i>	Strangles – practical management of outbreaks A scenario-based session that shows how to manage strangles outbreaks, including updates on diagnostic tests and decision making <i>Josh Slater</i>
5.00-5.50	Imaging and the vomiting patient - should I bother with XR anymore? A robust discussion about the merits of XR, ultrasound and other means of imaging the abdomen, from the perspective of the busy GP clinician <i>Zoe Lenard</i>	Starting off on the right claw – the basics of kitten behaviour and problem prevention An overview of the basics of normal kitten behavior and how to set these patients up for a lifetime of success <i>Meghan Herron</i>	Pet bereavement: How best to help grieving clients How best to help grieving clients: Learn about client grief and how to identify and meet the needs of bereaved clients <i>David Foote</i>	Vaccination and infectious disease control Key concepts in vaccination including herd immunity, critical vaccination coverage and appropriate use of vaccines in disease control programmes <i>Josh Slater</i>
6.00-7.00	Happy Hour in Exhibition			

	Cattle	AVPH/Industry	Sheep	Education
	PLAZA P1	MEZZANINE M2	PLAZA P2	PLAZA P3
8.00-8.50	<p>(a) USMARC twinner bloodlines USMAC twinners have 50% twin conceptions. <i>Leo Cummins</i></p> <p>(b) Remote digital necropsies in cattle Diagnostic post mortems in New Zealand without getting your hands dirty <i>Mark Bryan</i></p>	<p>(a) Rabies in Northern Australia: preparedness and response Using the roaming behaviour of dogs to develop a rabies spread model <i>Michael Ward</i></p> <p>(b) The ecology of free-roaming domestic dogs in northern Australia Genetics and video camera collars improve knowledge of community dog interactions <i>Courtenay Bombara</i></p>	<p>(a) An investigation into increasing premature incisor teeth loss and illthrift in Coopworth ewes A case study <i>Graham Lean</i></p> <p>(b) Pathology of Coopworth ewes with premature incisor teeth loss Illthrift in a flock of Coopworth ewes in western Victoria <i>David Hucker</i></p>	<p>Excellence in Teaching Award – Winner 2013 <i>Rowland Cobbold</i></p> <p>Excellence in Teaching Award – Winner 2014 <i>Tony Mogg</i></p>
9.00-9.50	<p>Updates on caesarean section in cattle - optimizing outcomes This seminar will discuss information regarding techniques to improve the ease, efficiency, and success of Cesarean section in cattle <i>Dave Anderson</i></p>	<p>The world perspective on cat fleas: will the real cat flea please stand up? Why should we care about cat fleas identity and is the Australian cat flea any different to those elsewhere <i>Jan Slapeta</i></p>	<p>(a) Lack of efficacy of monepantel against H. contortus and Trichostrongylus spp in small ruminants In a sheep and goat flock in North Qld <i>Sandra De Cat</i></p> <p>(b) Barbervax – a new strategy for Haemonchus management An alternative to present control strategies <i>Brown Besier</i></p>	<p>(a) In-training evaluation of veterinary competency: what are we assessing? Findings from a study of the assessment of final year students on clinical rotations <i>Liz Norman</i></p> <p>(b) Excellence in Teaching Award – Winner 2015 <i>Jenny Hyams</i></p>
10.00-10.45	Morning Tea in Exhibition			
10.45-11.45	Plenary: Annabel Crabb - Having it all doesn't mean doing it all			
12.00-1.30	Lunch in Exhibition			
	Cattle	Dental	Sheep/Welfare	Education
1.30-2.20	<p>Chemical restraint and anaesthesia in field settings Techniques that are useful in field application to cattle <i>Dave Anderson</i></p>	<p>Vital pulpotomy - you broke a what!? How the recently fractured tooth is treated <i>Rod Salter</i></p>	<p>Causes and impact of mastitis in Australian sheep flocks An improved understanding is important to maximise sheep welfare, production and farm sustainability <i>Stuart Barber</i></p>	<p>POSTER session <i>Coordinator: Jenny Hyams</i></p>
2.30- 3.20	<p>Pain management for surgery and lameness This seminar will present current information regarding pain management in cattle as it pertains to surgery and lameness <i>Dave Anderson</i></p>	<p>Fractured jaws - you broke a what!! Latrogenic fracture of the jaws - the diagnosis and techniques for repair of fractures of the maxilla and mandible in small animals <i>Gary Wilson</i></p>	<p>(a) A review of winter shearing Effects, benefits, and the perceived and actual animal health and welfare considerations <i>Paul Nilon</i></p> <p>(b) Human & animal welfare in the shearing shed: Is there a conflict? A system to manage problems in the shearing shed <i>Vikki Gates</i></p>	<p>(a) For love or money? Employers and undergraduate clinical education Employers' perceptions on involvement in veterinary students' clinical education <i>Emma Scholz</i></p> <p>(b) Entry level skills of small animal veterinarians Perceptions of students and expectations of veterinarians <i>Sarah Haldane</i></p>
3.30-4.00	Afternoon Tea in Exhibition			
	Cattle	Dental	Sheep/Industry	Education
4.00-4.50	<p>Field fracture repair techniques This seminar will teach decision analysis for treatment of fractures and provide techniques for improved management of challenging fractures <i>Dave Anderson</i></p>	<p>Exotic dentistry - Sometimes they aren't dogs and cats Rabbits, guinea pigs and rodents are all popular pets. Their dentition differs greatly from that of dogs and cats. This lecture will discuss their anatomy and how to treat commonly presented problems in these pocket pets <i>Rod Salter</i></p>	<p>(a) Caseous lymphadenitis of sheep: a model for significant chronic infections? CLA in sheep and as a zoonosis <i>Ray Batey</i></p> <p>(b) CLA or Cheesy gland – revealing its secrets CLA prevalence has decreased with important epidemiological research and vaccine use <i>Michael Paton</i></p>	<p>(a) UQ Vet for Life program - developing professional skills in veterinary students The unique UQ orientation program <i>Stephanie Romyn</i></p> <p>(b) Training future veterinarians to be competent in animal welfare and ethics Development of a shared online curriculum <i>Janice Lloyd</i></p>
5.00-5.50	<p>(a) Chemical sterilisation of Bos indicus bull calves intratesticular injection of zinc acetate in Brahman calves <i>John Cavalieri</i></p> <p>(b) Evaluation of Staph aureus Vaccine in dairy cattle in New Zealand A preliminary evaluation of the efficacy of SA vaccination <i>Mark Bryan</i></p>	<p>Panel Discussion Raw meaty Bones: Do they work or cause harm?</p>	<p>(a) CLA: Down but not out. What further progress? Recent modelling of CLA provided an updated cost of the disease and further possible impacts on sheep health <i>Graham Lean</i></p> <p>(b) PANEL: DISCUSSION</p>	<p>(a) Effects of gender, age, university and stage within programme on Australian veterinary student career sector intent <i>Adele Feakes</i></p> <p>(b) Collaborative development, integration and use of virtual 4D farm systems 4D technology to improve student learning and engagement <i>Stuart Barber</i></p>
6.00-7.00	Happy Hour in Exhibition			

	Small Animal Stream sponsored by Idexx Laboratories	Welfare	Behaviour and Practice Management/ASAVA	Equine
	GREAT HALL Doors 1 & 8	MEZZANINE M3	MEZZANINE M4	MEZZANINE M1
8.00-8.50	Orthopedic surgery: elbows, the lowdown Biomechanics of the elbow joint, diagnosing medial compartment disease and treatment of medial compartment disease <i>Kyle Clark</i>	Animal Hoarding: A serious welfare issue A look at animal hoarding, what it is, how to manage it and the veterinarian's role <i>Mandy Paterson</i>	Dangerous dogs and legal liability Dog attacks are regularly debated by various tiers of government resulting in dangerous dog legislation and you need to be aware the implications <i>Kersti Seksel</i>	Pharmacodynamics of selected intrauterine antibiotics Gain an insight into what happens to gentamicin, oxytetracycline and enrofloxacin after infusion into the mare's uterus. <i>Scott Norman</i>
9.00-9.50	Orthopedic surgery: elbows, what works for me and why Tips and tricks for a successful arthrotomy, lateral fabello-tibial suture, and tibial plateau levelling osteotomy <i>Kyle Clark</i>	Breathlessness as an animal welfare issue What is breathlessness, what causes it, how does it impact on animal welfare, how might it be measured in animals? <i>Ngaio Beausoleil</i>	Searches are on fire! Are you keeping up? Search is the fastest changing aspect of the Internet. Are you keeping up with the changes and the rules? <i>Kelly Baltzell</i>	Pituitary pars intermedia dysfunction - revitalising the geriatric horse Clinical signs, diagnosis and treatment in early and late stages, to improve quality of life, health and maintain athletic performance <i>Allison Stewart</i>
10.00-10.30	Morning Tea in Exhibition			
	Small Animal Stream sponsored by Idexx Laboratories	Behaviour	Practice Management	Equine
10.30-11.20	Now I have digital radiography, why aren't my images better? Tips and tricks to understand how to get the most from a digital radiography system. <i>Zoe Lenard</i>	Behaviour modification for aggressive cats Understanding the basis of behaviour modification will assist you when dealing with difficult feline patients. <i>Kersti Seksel</i>	Understanding clients to improve compliance Discover why clients don't follow your recommendations and the simple changes you can make to improve your compliance rate. <i>Natasha Wilks</i>	Equine Metabolic Syndrome - new ideas for diagnosis and management Differences in obesity and EMS will be explained with reference to testing for insulin resistance and management strategies <i>Allison Stewart</i>
11.30-12.20	Ten top tips for musculoskeletal imaging Maximising the use of radiography for musculoskeletal problems, and learning when it's time to call in the big guns (like CT) <i>Zoe Lenard</i>	Don't leave me alone! Diagnosis, management and treatment of separation anxiety in dogs with a special emphasis on rescued greyhounds <i>Meghan Herron</i>	Client satisfaction surveys A discussion on the results and value of the AVA Client Satisfaction Surveys for 2014 <i>Garry Edgar</i>	What's your neurologic diagnosis? Video cases Videos of neurologic dysfunction in horses will be presented and audience interaction on neurologic localization and diagnosis will be encouraged <i>Allison Stewart</i>
12.30-1.30	Lunch in Exhibition			
	Small Animal and Behaviour	Welfare	Practice Management	Equine /AVPH
1.30-2.20	Top 10 dog behavior myths ebunking ten of the most common myths regarding canine behavior <i>Meghan Herron</i>	Understanding and recognising positive animal welfare states Scientific knowledge of different welfare states now allows related experiences to be identified and positive ones to be actively promoted <i>David Mellor</i>	Navigating the employment legal minefield: recent case studies Keep abreast of developments in employment law to avoid issues that could result in legal action against the practice <i>Mark Werman</i>	The truth about bats, pets and Australian bat lyssavirus Understanding ABLV and managing potential exposure when pets, owners, vets and others come into contact with bats <i>Janine Barrett</i>
2.30-3.30	Plenary: Michael Knox - Why economists matter			
3.30-4.00	Afternoon Tea in Exhibition			
4.00-6.00	AVA Annual General Meeting and Awards Ceremony			
6.00-7.00	Happy Hour in Exhibition			

	Cattle	Dental	Industry/ AVPH/Sheep/AVR	Acupuncture
	PLAZA P1	MEZZANINE M2	PLAZA P2	PLAZA P3
8.00-8.50	<p>Outcomes with respiratory surgery in cattle</p> <p>This seminar will discuss the different types of respiratory surgery done in cattle and differentiate the expected outcome of such procedures.</p> <p><i>Dave Anderson</i></p>	<p>Monitoring the Anaesthetised Patient</p> <p>A discussion on the benefits and limitations of the various methods of monitoring the anaesthetised patient, including both clinical parameters and mechanical devices.</p> <p><i>Brenda Dixon</i></p>	<p>(a) Antibiotic use and resistance in animal agriculture</p> <p>Development of policy on antibiotic stewardship.</p> <p><i>Guy Loneragan</i></p> <p>(b) A new understanding of Salmonella ecology in livestock populations</p> <p>How a new biology of Salmonella might be framed.</p> <p><i>Guy Loneragan</i></p>	<p>Diagnosis and treatment of canine lameness with the muscle channels Part 1</p> <p>With over 359 acupuncture points, you will become familiar with a special few that are very effective for lameness.</p> <p><i>Michelle Tilghman</i></p>
9.00-9.50	<p>Theloscopy and restoration of milk flow</p> <p>The technique, selection criterion, and outcome of teat surgery in cattle with special emphasis on theloscopy as a tool for restoration of milk flow</p> <p><i>Dave Anderson</i></p>	<p>What lies beneath! - periodontal disease in the dog and cat</p> <p>Find out what is really happening below the gumline in periodontal disease, how to accurately stage disease, and how to decide which teeth to extract</p> <p><i>Bec Tucker</i></p>	<p>(a) Antimicrobial stewardship-A One Health requirement</p> <p>A major development in the fight against antimicrobial resistance and maintaining the shelf life of existing drug classes.</p> <p><i>Stephen Page</i></p> <p>(b) Antimicrobial resistance – Australia’s One Health policy response</p> <p>What it is and what it means for the veterinary profession.</p> <p><i>Adrian Coghill</i></p>	<p>Diagnosis and treatment of canine lameness with the muscle channels Part 2</p> <p><i>Michelle Tilghman</i></p>
10.00-10.30	Morning Tea in Exhibition			
	Cattle/Sheep/AVR	Dental	Welfare	Conservation Biology
10.30-11.20	<p>(a) Importance of biosecurity in addressing global food insecurity</p> <p>Food security for a rapidly developing world has emerged as one of the most ‘wicked problems’ we face in the future</p> <p><i>Peter Windsor</i></p> <p>(b) Are our grazing systems sustainable?</p> <p>Livestock production is widely criticised as being unsustainable on welfare, environmental and equity grounds but grazing systems can be run sustainably</p> <p><i>Bruce Watt</i></p>	<p>Cats and their mouths - tooth resorption and gingivostomatitis</p> <p>The latest update on managing these two painful, intriguing and often frustrating feline oral diseases</p> <p><i>Bec Tucker</i></p>	<p>Extending pain studies beyond mammalian models</p> <p>The last twenty years have seen much progress in our understanding of pain in mammals, but pain in other animals remains much less well understood.</p> <p><i>Craig Johnson</i></p>	<p>The impacts of noise on marine mammals</p> <p>The necessity and challenges of measuring the behavioural effects of an invisible, highly variable phenomenon on free-living marine mammals.</p> <p><i>Mike Noad</i></p>
11.30-12.20	<p>(a) Post-mortem findings at a large beef export abattoir</p> <p>Photos, lab results and literature reviews</p> <p><i>Anand Deo</i></p> <p>(b) Bone marrow fat analysis and ruminant nutritional status</p> <p>Post-mortem assessment of body condition, particularly in animal welfare investigations.</p> <p><i>David Murden</i></p>	<p>Problems in Veterinary Dentistry - When it all doesn’t go as planned</p> <p>Dentistry involves physical treatments, and sometimes these things can go wrong! Learn how to deal with and avoid some of the common problems in Veterinary Dentistry</p> <p><i>Aaron Forsayeth</i></p>	<p>Advertising Animals: The good, the bad and the ugly</p> <p>Online advertising of animals has expanded rapidly. Without minimum standards, evidence suggests the welfare of animals is sometimes at risk</p> <p><i>Susan Hazel</i></p>	<p>Koala triage, trauma and trauma care</p> <p>How to assess for injury, provide first aid and treatment for injured wild koalas</p> <p><i>Amber Gillett</i></p>
12.30-1.30	Lunch in Exhibition			
	Cattle	Dental	Sheep/Welfare	Acupuncture
1.30-2.20	<p>Surgical restoration of breeding bulls</p> <p>This seminar will discuss various surgical procedures and their outcome assessment for restoration of breeding bulls</p> <p><i>Dave Anderson</i></p>	<p>Float and Go! - Jeepers,What else is there to do?</p> <p>The success of equine dentistry services in your practice will depend largely on how you present these services to your client!</p> <p><i>Oliver Liyou</i></p>	<p>Animal health and welfare as drivers for the cattle and sheep industries</p> <p>Application of science in the red meat industries can ensure animal health, welfare, environmental stewardship and consumer safety. The role for veterinarians</p> <p><i>Jim Rothwell</i></p>	<p>The neurophysiological basis of acupuncture</p> <p>This talk will provide an overview of the neurophysiological basis for acupuncture and its application to common veterinary conditions.</p> <p><i>Christine Thomson</i></p>
2.30-3.30	Plenary: Michael Knox - Why economists matter			
3.30-4.00	Afternoon Tea in Exhibition			
4.00-6.00	AVA Annual General Meeting and Awards Ceremony			
6.00-7.00	Happy Hour in Exhibition			

	Small Animal Stream sponsored by Idexx Laboratories	Behaviour	Practice Management	Equine
	GREAT HALL Doors 1 & 8	MEZZANINE M3	MEZZANINE M4	MEZZANINE M1
8.00-8.50	Tyrosine kinase inhibitors and their current use in veterinary oncology Cells have many receptors on their surfaces. If we can block them we delve into the world of small molecule receptor blockers and the new direction for modern oncology <i>Maurine Thomson</i>	Interdog aggression in the family Fighting between co-habiting dogs is not simple but it is not that difficult either- you just have to know what's really going on <i>Jacqui Ley</i>	Data from 2015 paraprofessional survey on stress and compassion fatigue Findings of the 2015 Compassion Fatigue, Stress and Wellbeing Survey of Australasian veterinary nurses and paraprofessionals <i>Rosie Overfield</i>	The equine stifle – new diagnostic and treatment options Summary and update on advances in diagnosing conditions of the stifle and application of new treatments for stifle lameness <i>Barry Fraser</i>
9.00-9.50	Latest information for melanomas and surgical margins of commonly encountered tumours New information regarding the latest treatment options and prognosis for oral melanoma. Are we over treating these tumours surgically? <i>Maurine Thomson</i>	Diagnosis of aggression with case studies You've had all the theory, now it's time to see how it all fits together in a behaviour case with dogs, cats and horses presented <i>Jacqui Ley</i>	Ideas for creating emotionally-healthy workplaces and staff wellness programs Rosie will share practical ideas for creating high-performing workplaces and wellness programs <i>Rosie Overfield</i>	The digital flexor tendon sheath – diagnosis, treatment and outcomes Discussion of how to recognise and diagnose conditions of the DFTS, treatment options and evidence-based prognoses <i>Barry Fraser</i>
10.00-10.30	Morning Tea in Exhibition			
10.30-11.20	Small Animal Stream sponsored by Idexx Laboratories	Behaviour	Practice Management	Equine /Public Health
	Approach to the Bleeding Patient This presentation will review the approach, diagnosis and treatment of some common cause of bleeding in small animals <i>Daniel Chan</i>	Canine neurophysiology Understanding the anatomy and physiology behind behavior and learning in dogs <i>Meghan Herron</i>	Practices of Excellence Presentations: Two 'award winning' practices share their insights into running an 'excellent' practice	Does CC22 MRSA spread bidirectionally between horses, vets and the public? The bidirectional movement of globally disseminated methicillin-resistant Staphylococcus aureus ST22-IV in companion animals, horses, vets and the public in Australia <i>Sam Abraham</i>
11.30-12.30	Plenary: Peter Collignon - One Health and superbugs; the ever growing threat that includes our food supply			
12.30-2.00	Lunch in Exhibition			
	Small Animal Stream sponsored by Idexx Laboratories	Behaviour	Practice Management	Equine
2.00-2.50	Raw Food Diets; What's the Story? The growing popularity of raw food diets in companion animals has highlighted a number of issues including pet owners questioning the appropriateness of conventional manufactured pet food. The practice of feeding raw foods has a number of hidden and not-so hidden dangers that pet owners and veterinarians should be aware of <i>Daniel Chan</i>	Animal shelters: Addressing behavior and welfare issues in kennelled dogs A discussion of how the kennel environment in many shelters can be stressful and how shelter staff can both identify and reduce that stress in order to improve canine welfare <i>Meghan Herron</i>	Alternative advertising on Facebook: using Facebook's advertising to market your business Find out how to get around the Facebook "throttle" of only showing your post to 6% of people who like your page <i>Kelly Baltzell</i>	Eye trauma and emergencies A case-based session covering approach to the eye trauma case, triage and decision making for medical and surgical treatment <i>Josh Slater</i>
3.00-3.50	Feeding the Critically ill Patient As nutritional support is now considered an integral part of managing critically ill patients, this presentation will focus on assessing patient's needs for nutritional support and strategies for introducing feeding in hospitalized animals <i>Daniel Chan</i>	Feline aggression directed towards humans An overview of diagnosis, managing and treating common human-directed aggression problems in cats <i>Meghan Herron</i>	Inside Facebook insights: Understanding Facebook data to improve your page and bottom line Facebook is all about data. Learn how to read reports to customise your Facebook Page to reach the greatest audience <i>Kelly Baltzell</i>	Ophthalmology workshop This workshop session will use a series of case examples to work through diagnostic decision making for cases of eye trauma, corneal injury, keratitis, iris disease, lens disease, uveitis, chorioretinopathy and neoplasia <i>Josh Slater</i>
4.00-4.30	HIGH TEA in FOYER (champagne!)			
4.00-5.30	Member Forum - Convincing the public to pay vets what they're worth! facilitated by Jane Caro			

	Welfare/Sheep Cattle PLAZA P1	Public Health MEZZANINE M2	Industry/Sheep PLAZA P2	Acupuncture PLAZA P3
8.00-8.50	<p>Progress in pain management for livestock husbandry procedures</p> <p>The innovative use of farmer applied pain management for livestock husbandry interventions has the potential to contribute to major welfare improvements in rural communities globally</p> <p><i>Peter Windsor</i></p>	<p>(a) Improving productivity as a driver for improved livestock health in developing countries</p> <p>The underfeeding of poor quality forages, reliance on rice straw and risk of disease are major constraints to production</p> <p><i>Russell Bush</i></p> <p>(b) EC prevalence in post-weaned piglets in South-eastern Australian piggeries</p> <p>Identifying key risk factors and antimicrobial resistance levels in E. coli will help manage post-weaning scours in Australian pig herds</p> <p><i>Lechelle Van Breda</i></p>	<p>(a) Bioequivalence - the concepts and application</p> <p>A VICH guideline for the conduct of bioequivalence studies is being developed. Its adoption will assist global harmonisation of data requirements</p> <p><i>Phil Reeves</i></p> <p>(b) Statistics for Vets – preparing for and analysing bioequivalence data</p> <p>This presentation will provide advice on managing data in Excel for bioequivalence studies and running and interpreting analyses</p> <p><i>Nigel Perkins</i></p>	<p>Osteoarthritis, a multimodal approach for joint health Part 1</p> <p>Osteoarthritis is the one of the most common clinical condition seen in veterinary medicine. The multimodal approach incorporating pain control, nutrition, acupuncture, and rehabilitation is the most effective. This lecture will look at the effective approaches to osteoarthritis</p> <p><i>Michelle Tilghman</i></p>
9.00-9.50	<p>Potential for breathlessness to compromise the welfare of brachycephalic dogs</p> <p>Brachycephalic obstructive airway syndrome may cause breathlessness and welfare compromise in brachycephalic dogs</p> <p><i>Ngaio Beausoleil</i></p>	<p>Antimicrobial residues in food, and fingers on the pulse</p> <p>Insights to the contamination of animal-derived foods with antimicrobial residues and emerging concepts to mitigate such occurrences</p> <p><i>Mitchell Groves</i></p>	<p>GCP and GLP studies- Trials, Triumphs and Tribulations</p> <p>How, when and where Good Clinical Practice and Good Laboratory Practice fit in the world of veterinary research</p> <p><i>Michael Chambers</i></p>	<p>Osteoarthritis, a multimodal approach for joint health Part 2</p> <p>The multimodal approach incorporating pain control, nutrition, acupuncture, and rehabilitation is the most effective.</p> <p><i>Michelle Tilghman</i></p>
10.00-10.30	Morning Tea in Exhibition			
10.30-11.20	<p>Welfare/Cattle</p> <p>The welfare of cows in large dairy herds</p> <p>Do cows think grass tastes good? Welfare challenges and opportunities that arise as dairy farms get bigger</p> <p><i>David Beggs</i></p>	<p>Dental</p> <p>Endodontics - why a root canal is the best thing for your patient</p> <p>Whenever pulp is diseased, either through iatrogenic exposure, fracture or trauma - endodontic treatment, in particular root canal therapy, may be warranted</p> <p><i>David Clarke</i></p>	<p>AVR/Industry/Conservation Biology</p> <p>(a) Surgical repair of the maxillofacial area in poached Rhino</p> <p><i>Johan Marais</i></p> <p>(b) Working for the government...</p> <p>Why, what and how</p> <p><i>Beth Cookson</i></p>	<p>Acupuncture</p> <p>Trigger points in today's model of veterinary medicine. What is the point?</p> <p>Can you find your point? Increase your knowledge of trigger points. Learn where to find them and how they are used in today's model of veterinary medicine</p> <p><i>Michelle Tilghman</i></p>
11.30-12.30	Plenary: Peter Collignon - One Health and superbugs; the ever growing threat that includes our food supply			
12.30-2.00	Lunch in Exhibition			
2.00-2.50	<p>Welfare/Cattle/Sheep</p> <p>The Five Domains Model: Grading animal welfare compromise and enhancement</p> <p>Use of the Five Domains Model facilitates systematic and detailed assessment and grading of negative and positive animal welfare states</p> <p><i>David Mellor</i></p>	<p>Dental</p> <p>Orthodontics - putting teeth in their place!</p> <p>A much ignored or misdiagnosed subject in veterinary medicine but nevertheless, one that is often very significant for the patient. Often treated by extraction, but there are other options that often lead to much better outcomes.</p> <p><i>Wayne Fitzgerald</i></p>	<p>AVR /Public Health</p> <p>(a) Challenges and innovation in wildlife disease surveillance</p> <p>Surveillance for exotic and emerging diseases in wild animals has unique challenges to overcome</p> <p><i>Beth Cookson</i></p> <p>(b) Revised horse import conditions – implementation</p> <p>An overview of the changes to the horse import conditions and how they are being implemented</p> <p><i>Michelle Blowes</i></p>	<p>Acupuncture</p> <p>Engineering concepts in acupuncture</p> <p>Point selection using meridian relationships and mirror imaging to fortify treatment. Includes an introduction to switching channels for maximum effect</p> <p><i>Donna McSweeney</i></p>
3.00-3.50	<p>(a) Veterinary leadership in farm animal welfare in the NZ context – including use of the vet toolbox</p> <p>This session will discuss some of the proactive work that government and industry organisations are doing together on animal welfare compliance.</p> <p><i>Richard Wild</i></p> <p>(b) Panel discussion</p>	<p>Panel Discussion</p> <p>Broken Teeth: are they really an issue? Do you have to actually remove them</p>	<p>The veterinarian's role in responsible chemical use, food safety and trade access</p> <p>Food safety beings on farm – know your responsibilities when using off label or unregistered chemicals in food animals.</p> <p><i>Skye Badger</i></p>	<p>Intervertebral disc disease - acupuncture to make your patients four-footed again</p> <p>Intervertebral disc disease has different presentations from pain to paralysis. Getting patients back on all four feet can be achieved using some local, proximal and distal points with a little electricity thrown in.</p> <p><i>Michelle Tilghman</i></p>
4.00-4.30	HIGH TEA in FOYER (champagne!)			
4.00-5.30	Member Forum - Convincing the public to pay vets what they're worth! facilitated by Jane Caro			