**Young Speakers’ Program**

Sunday 22 September 2013  
8.30am - 5.30pm  
Esplanade Hotel Fremantle  
Food and drinks are included

At a fraction of the full WA Conference registration cost you can attend the Young Speakers’ Program for the opportunity to network with members of the profession, gain VetEd points and hear from academics about current research being undertaken.  
Eleven talks currently on the program.

**Bookings are essential**  
Please fill in a booking form for each attendee

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**Registration Form**  
This completed form becomes a Tax invoice for GST once payment has been made. ABN 63 008 522 852

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<th>Tick appropriate box</th>
<th>AVA member</th>
<th>Non member</th>
<th>Vet nurse</th>
<th>Vet student</th>
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<td>Young Speakers’ Program</td>
<td>$110 (includes catering)</td>
<td>$220 (includes catering)</td>
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<td>$20 (no catering), $55 (with catering)</td>
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<th>Catered Packages</th>
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<td>All catered packages include morning tea, afternoon tea and standard lunch or Novartis sponsored lunch with Mandy Burrows. The $20 student package does not include any catering.</td>
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Young Speakers’ Program

Fracture epidemiology in the Thoroughbred racehorse
Dr. Christopher T Sun BVSc, MRCVS

Fractures are a global welfare concern in the racing Thoroughbred and as veterinarians, it is our responsibility not only to address the health of the individual fractured horse, but also to understand the disease on a population scale. Is a horse more at risk while racing or in training? Are there true differences in fractures between regions or can there be an alternative explanation? The following presentation will provide an historic overview of fracture epidemiological studies and discuss the challenges facing the industry.

Resting the Thoroughbred racehorse, fracture prevention or propagation
Dr. Christopher T Sun BVSc, MRCVS

We associate resting or ‘spelling’ as giving a chance for racehorses to recuperate or recover after a period of high strain exercise, but can we in fact be causing more harm than good? The following presentation will expose why rest may actually be bad for a racehorse.

Characterisation of methicillin-resistant Staphylococcus pseudintermedius from cases of canine pyoderma in Australia
Dr Meng Siak BVSc BVMS (Hons) MANZCVS (Canine Medicine)

Methicillin-resistant Staphylococcus pseudintermedius (MRSP) is an emerging pathogen in veterinary companion animal practice. In this presentation, we report the isolation of MRSP from cases of pyoderma in dogs and their genetic relatedness to internationally disseminated MRSP clones. We will also briefly discuss diagnostics and treatment options for MRSP.

Mechanical testing of a PEEK or Steinmann LCP-rod model
Dr Lucas Beierer BVSc, MACVSc, Grad Dip Ed

A plate-rod repair is employed in the management of diaphyseal fractures in dogs when reinforcement is required beyond a standard plate repair. Despite their benefit, bicortical screw placement in plate-rod repairs can be very challenging due to screw impingement caused by the intramedullary rod. A novel solution to this problem is the use of a drillable intramedullary implant (PEEK). The biomechanics of this approach will be compared to a standard plate-rod repair in a locking compression plate model.

Cytokines in leukoreduced and non-leukoreduced stored canine packed red blood cells
Sarah Purcell

Stored blood products contain leukocytes and accumulate inflammatory cytokines. The transfusion of leukocytes and cytokines is associated with febrile non-haemolytic transfusion reactions and recipient inflammation. Our study aims to document the concentration of cytokines in stored non-leukoreduced canine packed red blood cells (PRBCs) during storage and compare this to cytokine concentrations in leukoreduced canine PRBCs during storage. Our hypothesis is that non-leukoreduced canine PRBCs will have significantly higher concentrations of cytokines when compared with leukoreduced canine packed red blood cells.

Phalangeal fillet technique for metacarpal pad reconstruction in a dog
Dr Tania Shaw BVSc (Hons)

Neoplasia involving the metacarpal or metatarsal pad may require complete excision of the pad. Loss of the metacarpal or metatarsal pad requires reconstruction with other pad tissue to allow functional weight-bearing on the limb. This is a case report describing the successful use of a bilateral phalangeal fillet technique to reconstruct a weight-bearing surface in a dog following complete excision of its right metacarpal pad for malignant melanoma. Also included in this presentation will be a brief discussion of the canine melanoma vaccine.

Internal fixation of adjacent long bones: testing a feline antebrachial fracture model
Dr Tim Preston

Radius and ulna fractures have been reported to comprise 2-8% of feline long bone fractures. Cats have an interosseous membrane that provides superior supination and pronation and needs to be maintained for dexterity post op. Recent studies suggest that internal fixation of both the radius and ulna may reduce the incidence of complications. This paper aims to discuss differences in feline antebrachial anatomy and function, implant challenges and preliminary results from testing three different locking constructs in a feline antebrachial fracture gap model.

Unilateral restrobulbar Haematoma following bilateral maxillary nerve block
Claire Loughran MRCVS

The successful management of a unilateral retro-bulbar, haemorrhage following bilateral maxillary nerve block. Treatment of this condition relies on prompt recognition and treatment of the condition. The corner stone of treatment is providing drainage aimed at decreasing the increased intra-orbital and intraocular pressure.

The sonographic appearance of gastrointestinal lymphoma in dogs
Dr Mika Frances

The specific sonographic features of gastrointestinal lymphoma have not been described in isolation in dogs. In this study, 4/15 dogs illustrated that gastrointestinal lymphoma may be present with no sonographic abnormalities of the gastrointestinal tract. This is a clinically relevant finding as it provides an indication to biopsy, which may lead to improved sensitivity in detecting this condition.

Prevalence of feline immunodeficiency virus in a shelter cat population in Perth
Rosamund Yozin

The aim of this study was to determine the prevalence of FIV infection in a cat shelter population and to assess factors associated with FIV positive status.

Factors influencing blood pressure in anaesthetised dogs undergoing elective desexing
Renata Costa

The objective was to explore the association between signalment (gender, age and body mass) and hydration status and intraoperative blood pressure in dogs undergoing elective desexing. It was hypothesised that hydration status, but not signalment would influence MAP measured during anaesthesia.