



Veterinary Science Newsletter

News and events



Advanced wound therapy technology success story

Atlantis presented to the UQ VETS Small Animal Emergency service on the 1st of July after an altercation with three other dogs. She was unable to stand and had sustained a massive amount of soft tissue trauma. She also had deep lacerations around her head, face and bites to the forelimbs that penetrated the bone.

[Read full article](#)

SVS attends Cherbourg NAIDOC Festival



Once again, in collaboration with our partners: the Cherbourg Aboriginal Shire Council, Darling Downs Public Health Unit, AMRRIC and Boehringer Ingelheim, the School had a stall at the annual Cherbourg NAIDOC Festival to help promote the upcoming Visiting Vet Programme in October. The day was attended by a small group of UQ staff and students. The event was a great success – with quite a few bookings for the vet visit and heaps of fun activities for the kids including: balloon dogs, face-painting and a great game of dog collar quoits!

Congratulations to our 3 Minute Thesis (3MT®) Competition winners



Sara Pagliarani, "Understanding Chlamydia reproductive disease in koalas", winner.

Marjoleine Roos, "Predictors of breathing in humpback whales," 2nd place

Halley Gora Ravuri, "Transdermal delivery of painkillers in dogs," won the people's choice



'Straight Outta Gatton' 5th Year BVSc Student Conference Week

From Monday 22 – Friday 26 July 2019, the School once again held the annual 5th year BVSc Student Conference Week. This year the student-voted theme was 'Straight Outta Gatton'.

[Read full article](#)

UQ VETS at Gatton Show



The School of Veterinary Science has been supporting the Gatton Show from 2012 to date by providing on-ground 24hr veterinary support throughout the show for all animals on the ground. This work covers, all cattle (dairy and beef), sheep, goats, horses, birds, and small animals. Over the last 8 years, we have treated dogs, horses, cows, goats & sheep. We also ensure animal welfare and biosecurity standards are upheld. This year we added crustaceans to the list as we were asked to have a look at some yabbies too!

We attended for 5 days this year from Thursday 18th through to Sunday 21st, and our vet team included Victoria Churchill and Joseph Olm as the vets on grounds, plus our 5th year VETS5024 students. Cattle stats indicate the dairy section is really growing, with just under 200 cows on grounds again this year. A number of dairy exhibitors believe that this will be the year that Gatton has more dairy cattle attending than at the Brisbane EKKA!

New for this year was a UQ & Gatton Show collaboration of an Ag Ed display. The stand focused on educating the general public regarding food and fibre production systems, how UQ (SVS and SAFS) is contributing to agriculture education and research, and what UQ can provide to the local farming community (SVS PAS service). It looked fantastic and was very popular. A big thanks to Teeka Abdul Rahman, for providing all the promotional kit and securing a very good position in the main pavilion.

Equine Specialist Hospital hosts advanced ultrasonography workshop



The Equine Specialist Hospital at UQ VETS recently hosted a 2 day beginners and 2 day advanced equine ultrasonography workshop with the legendary Professor Jean-Marie Denoix. Local, international, and inter-state delegates came to attend the workshops which consisted of intensive lectures/demonstrations followed by the opportunity to get some hands on practice under the guidance of experienced equine ultrasonographers. The event required months of preparation and was considered by delegates and the continuing education organisers "VetPrac" to be a roaring success.

A very big thank you goes to the UQ VETS coordinators (Dain Heffernan and Shannon Dempsey), diagnostic imaging specialists (Drs Alex Young (a crowd favourite we have heard) and Fred Pauwels), all the ESH nurses and volunteers (including awesome 5th year students) as well as Mitch Coyle and his staff for the preparation of the wonderful horses that helped to make the event such a smash hit. Thanks also to the sponsors Randlab, Medical Plus, and Zebra.

Vet Nurses offer well received continuing education seminar

Earlier this month the small animal internal medicine nurses Melissa Lindert and Jayne Shearer presented a CE seminar on the approach and management of neurological patients. The evening was well-attended and raised a lot of interest in the audience. The feedback from nurses, veterinary technicians and veterinary tech students was fantastic. The internal medicine team is very proud of the achievement of their highly skilled nurses. We believe it is important for nurses working in specialist departments to share their competence with the wider nurse and vet tech community and to contribute actively to the dissemination of knowledge for the wellbeing of our 4-legged patients.

A/Prof Henning attends FAO workshop in Bangladesh



In July 2019, Associate Professor Joerg Henning attended an FAO workshop in Dhaka, Bangladesh, which focussed on investigations to determine factors contributing to endemicity of Highly Pathogenic Avian influenza (HPAI) H5N1. Key stakeholders and international experts were discussing multi-country research findings on endemicity of HPAI H5N1 in order to develop recommendations for policy makers.

Associate Professor Henning was also invited as international expert to advise on the development of a MSc curriculum in Applied Veterinary Epidemiology as part of the Field Training Program for Veterinarians (FETPV) in Bangladesh. The expert consultation was held at the Chittagong Veterinary and Animal University (CVASU),

Bangladesh and was supported by GHD/EMPHNET.

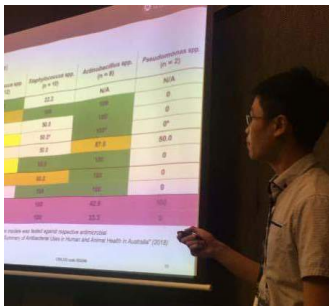
Furthermore, Associate Professor Henning, worked with five MPhil and PhD students at CVASU who conduct their research under his supervision on avian influenza, one-health and antimicrobial resistance. On the home stretch back to Australia, Associate Professor Henning attended international student recruitment events in Hong Kong and visited City University Hong Kong.



Arvind Sharma attends University Federation of Animal Welfare meeting in Belgium

Arvind Sharma, PhD student from The Centre for Animal Welfare and Ethics (CAWE), attended the 2019 University Federation of Animal Welfare meeting in Belgium this month to present his work on the welfare of cows in shelters in India.

Fifth year BVSc student Ka Yuen wins ANZCVS award



Congratulations to our Fifth year BVSc student Ka Yuen who won the Equine chapter of the ANZCVS award for best research abstract presentation. He gave two presentations:

Yuen KY, Hinrichsen S, Gibson JS, Medina-Torres CE, Bertin FR, Zedler S, Kidd L, Stewart AJ.* Cytology and microbiology of surgical and traumatic equine synovial infections. Australian and New Zealand College of Veterinary Scientists-Science Week, Gold Coast, Australia, July 2019.

Yuen KY, Hinrichsen S, Gibson JS, Medina-Torres CE, Bertin FR, Stewart AJ.* Antibigram and multidrug resistant organisms from a referral equine hospital. Australian and New Zealand College of Veterinary Scientists-Science Week, Gold Coast, Australia, July 2019.

Dr Caitlin Mack wins prize at Science Week



Dr Caitlin Mack, Small Animal Internal Medicine resident, presented at Science Week her project entitled: 'Antimicrobial resistance patterns in lower urinary tract pathogens in dogs in South East Queensland'. The project was well-received and Caitlin won the resident prize of a value of \$1000. The whole team is very proud of her achievement!

Avian and Exotic Pet Service at Science Week

The Avian and Exotic Pet Service was represented well at the recent Science Week, the annual conference of the Australian and New Zealand College of Veterinary Scientists. Our resident, Dr Alex Mastakov, convened the one day Avian Chapter

program, which was held at the Star Casino on the Gold Coast.



Topics presented by the Service included:

- Alfaxalone anaesthesia induction in chickens (Alex Mastakov, resident)
- Regional anaesthesia in birds (Akshata Taggers, intern)
- An update on juvenile galah wasting syndrome (Bob Doneley, head of service)

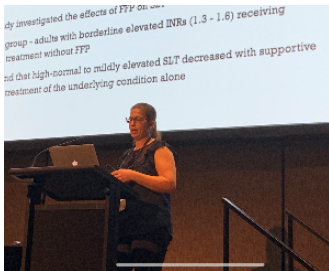
Our former student, intern and extern, Hamish Baron also presented on 'Point of care diagnosis of *Macrorhabdus ornithogaster*'

For Alex and Akshata it was their first conference presentation; even better, Akshata has only been with the Service for 2 months! Both received very favourable comments from many of the other attendees.

The Service's avian and exotic nurse, Bec de Gier, volunteered to assist running the day's events and was able to sit in on many of the presentations. She and Gary Fitzgerald also played key roles in assisting Alex and Akshata develop their presentations.

Photo: The Avian and Exotic Pets Service, L to R: Alex Mastakov, Bob Doneley, Akshata Taggers, Bec de Gier.

Emergency and Critical Care Department at Science Week



The ECC department gave 3 talks in the Emergency and Critical Care at Science Week on the Gold Coast. Here is a picture of Dr Sarah Purcell giving a talk on the use of fresh frozen plasma in small animals. Dr Sureiyan Hardjo also gave a talk on surgical airway access in small animals in the young speakers section. Dr Mark Haworth gave a talk on a recent publication in the Australian Veterinary Journal discussing anaphylaxis in a dog following intravenous Alfaxan administration. These talks were well received and created a lot of discussion.

UQ VETS attend the Equestrian Veterinarians of Australia Bain Fallon Conference



UQ VETS were well represented at the Equestrian Veterinarians of Australia Bain Fallon Conference. In a competitive selection process Dakota Leschke (4th year BVSc), Sophia Hinrichsen (5th year BVSc) and Allison Stewart presented oral research presentations. Jordan Fletcher (4th year BVSc), Ka Yuen (5th year BVSc), Georgina Johnston (DVClinSci Sports medicine resident), Carlos Medina-Torres and Allison Stewart presented research or case poster presentations. Steve Zedler, Carlos Medina-Torres and Allison Stewart lectured at the event.

The students were all mentored through the summer UQ Research Scholarships and they should be congratulated for being selected to present at the premier equine veterinary conference in the Southern Hemisphere.

Hannah Smith, one of our previous ESH interns, has won the Peter Irwin Award for best paper published in the Australian Equine Veterinarian for 2018 for work written

during her UQ VETS ESH internship. Her prize was awarded at the Bain Fallon Gala dinner.

Welcome to our new staff

- Alison McElroy Veterinary Nurse – Equine
- Dr Ben Wood Assoc Prof in Production Animal Medicine
- Dr Vincent Yoon Small Animal Emergency & Critical Care Clinician
- Patricia Eats (Trish) Livestock Coordinator.

Teacher Showcase: Helen Owen – Veterinary Pathology



Qualifications:

BVMS PhD MANZCVS DACVP MPhil (Vet Ed)

Helen is best known for her role as a Veterinary Pathologist and also as a great teacher who has been passionate about preparing preclinical students for their transition to clinical learning, particularly in relation to clinical reasoning. The ultimate *grass-roots* quiet achiever, Helen has been instrumental in the development of the third year viva and associated clinical reasoning teaching activities.

Programs involved with – BVSc, MVSc, BVetTech

Helen has contributed significantly to pathology and clinical reasoning courses. She is an outstanding teacher, a highly dedicated lecturer, who challenges students to maximise their learning experiences. She is able to make her material stimulating and interesting, engaging with students at their level of understanding. She has tailored her teaching and uses innovative teaching methods such as online learning modules, manuals, peer teaching and group work to assure optimal learning outcomes for her students.

Helen has a desire to learn from her students and improve her teaching. She has recently completed a Masters of Philosophy (Veterinary Education) entitled: 'The development of teaching and assessment materials to encourage the growth of clinical reasoning skills in the preclinical phase of the Veterinary Science Program'. In this work, Helen describes how her action research project refined her teaching approach. She provides feedback to her students and listens to them, and has modified her teaching practises to ensure she is providing her students with the best experience.

Helen has taken an active leadership role in teaching and has been an active member of the Teaching & Learning Committee, Assessment Subcommittee and Year 2/3 BVSc Program Coordinator. Through these, and other roles, Helen has contributed significantly to curriculum design and assessment most significantly the remodelling of the third year BVSc and capstone viva exam.

Helen is knowledgeable, engaging and highly organised in course planning and assessment, and innovative in practical and tutorials and assessment practices. She is compassionate, respectful and well-liked by students and her colleagues. Helen will be missed by all and we wish her all of the best in her future endeavours – don't be a stranger.

Brought to you by the SVS Vet Ed Network

Vital statistics:

Years of teaching: 9

Discipline areas: Anatomic pathology

Course coordination: VETS3060, VETS3070, VETS7609

Teaching courses:

VETS3060, VETS3070, VETS7609, VETS5020, VETS2007, VETS3040, VETS3018.

Student testimonials:

Appeals to the way students think and explains in the terms I can deal with.

Very approachable and encouraged thinking for myself

Upcoming events and opportunities



Faculty of Science Final of the 2019 Three Minute Thesis (3MT®) Competition

Monday 5 August, 1-5pm, QBI Auditorium

[More information](#)

The Australian Small Animal Veterinarians (ASAV) conference

August 12th to 16th at Star Casino on the Gold Coast. The theme this year is “It’s all in the head” with international speakers including Dr David Maggs (ophthalmology), Dr Simon Platt (neurology), Dr Loic Legendre (dentistry) and Dr Sagi Denenberg (behaviour) included in the line-up. There are four full days of small animal talks with two days each of dentistry and behavior.

As well as these well-renowned international speakers, a great team of local speakers will also be presenting, including some UQ speakers. Dr Rebekah Scotney will be leading the way with a plenary session on Wednesday 14th August based on her PhD entitled “Occupational stress and compassion fatigue in the small animal veterinarian” and then Dr Alana Rosenblatt is speaking also on Wednesday with two talks on head and neck imaging – one with commonly available radiographic tools and one with more advanced imaging. “

Through UQ’s contribution to the speaker line up and as a general recognition from ASAV of all that UQ does to help with their continuing education programs, they have offered a 5% discount for anyone associated with UQ wanting to attend the upcoming meeting. Just use the promotion code *Five_Percent* when registering.

[Register here](#)

Geospatial Methods in the Garden City



21-25 October, 8am-4.30pm, Toowoomba City Library. International expert Dr Emanuele Giorgi will provide an introduction to geostatistical models and their application to disease mapping problems. Participants will learn how to carry out geostatistical analysis using state-of-the-art methods and statistical software.

[More information](#)

Third National Antimicrobial Resistance (AMR) Forum

This event will be held in Brisbane on November 8 2019 at the RBWH Education & Conference Centre at Herston.

SVS is a major partner to this event, which brings together physicians, nurses, pharmacists, veterinarians, dentists, policy makers, and others, under a multidisciplinary umbrella of effective action against AMR in human and animal medicine.

On Thursday afternoon prior to this conference, there is a veterinary workshop - [Developing and Using Prescribing Guidelines: Guidelines to the Guidelines](#). As many SVS

staff and students as possible are encouraged to attend in person. The seminar room for the workshop will be Zoom enabled for those that cannot make it to Herston, but still may like to attend. Any questions please contact Justine Gibson or Rowland Cobbold.

[More event details](#)

UQ VETS Equine Practitioners Conference 2020



The Second Annual UQ VETS Equine Practitioners Conference will be held on Wednesday 5 and Thursday 6 February 2020 with themes of colic, lameness, cardiology and reproduction. There will be eleven 30 minute lectures from our equine specialists, residents and farrier and then six 90 minute laboratories. Hands-on practical skills will be taught with 23.5 hours of CPD.

[More information](#)

Vet Ed Down Under Symposium 11-13 February 2020: *Sharing practice growing together*



The symposium is a two day event to be held on Tuesday 11 and Wednesday 12 February, 2020, promoting veterinary education in the Australia/New Zealand region through the sharing of innovations, ideas and best practise in teaching and learning in an open and friendly atmosphere. Post-conference workshops will be scheduled on Thursday 13 February, 2020.

[Abstract submissions open 1st August!](#)

[More information](#)

In case of an emergency

In case of confirmed emergencies such as gas explosions, life threats, confirmed fire, please contact **000** - remember to call out of UQ first by dialling another 0 first, i.e. **0-000**.

For medical emergencies, UQ still mandates UQ Security be contacted first, all hours, on ext **53333** or **3365 3333**.

In both cases, remember to let them know you are calling from UQ GATTON campus and in the latter case, your building number.

8114 (Veterinary Science Building)

8106 (Veterinary Teaching Building including Anatomy, Post-mortem, MPL and Histo labs)

8156 (Veterinary Medical Centre)

8179 (Clinical Studies Centre)