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Veterinary Science

Veterinary Science Newsletter

News and events

First national dog and cat cancer database in the making

For the first time in the world, a database of dog and cat cancer occurrences in Australia that will collect standardised data from pathology labs and universities in real-time is being created via an ARDC-supported project, **ACARCinom**. The database (ACARCinom – Australian Companion Animal Registry of Cancer) will help answer the questions around companion animal cancers plaguing veterinary researchers, epidemiologists and clinicians.

This project is coordinated by A/Prof Chiara Palmieri and A/Prof Ricardo Soares Magalhaes from UQSVS in collaboration with five university veterinary schools (University of Sydney, JCU, University of Adelaide, Murdoch University), QUT and two leading veterinary pathology providers (Idexx, Gribbles).

Read more

No horsing around: super-fast Hendra test developed

University of Queensland vets are diagnosing the deadly Hendra virus in horses faster than ever, developing a diagnostic point-of-care kit that can detect the pathogen in under an hour, rather than days.

Veterinarian Professor Ben Ahern said a rapid point-of-care diagnostic test to detect Hendra infections in horses has been sorely needed for decades.

Recent visit by State Development and Regional Industries Committee

The Gatton Campus hosted the UQ Senior Executive Team and a visit from the State Development and Regional Industries Committee on July 29th. The attendees were treated to fabulous in-field presentations by researchers from SAFS, SVS and QAAFI. They were bowled away with the impact stories and impressed by how much the campus has developed since previous visits. Sincere thanks to the Faculty engagement team who pulled everything together.

Clinical Staff Achievements

The following staff were successful in their examinations by the Australian and New Zealand College of Veterinary Scientists (ANZCVS).

Fellowship of the ANZCVS (FANZCVS)

- Dr Alexandr Mastakov BVSc MVM (Avian Medicine) FANZCVS (Avian Medicine)

Membership of the College (MANZCVS)

- Dr Akshata Taggers BVSc MANZCVS (Avian Medicine)
- Dr Mirrim Kelly Bosma BVSc MANZCVS (Veterinary Pathology)
- Dr Emily Jones MANZCVS (Veterinary Pathology)
- Dr Samantha Day BVSc MANZCVS (Veterinary Emergency & Critical Care)
- Dr Sarah Rodwell BVSc MANZCVS (Medicine of Dairy Cattle)
- Dr Carla Kowald BVSc MANZCVS (Veterinary Practice (Small Animal)
- Dr Irving Kat BVSc MANZCVS (Veterinary Anaesthesia)
- Dr Darby Walmsley BVSC MANZCVS (Small Animal Surgery)

International Qualifications

The ANZCVS is not the only path for post-graduate qualifications in Australia. The following have been awarded qualifications from international veterinary Colleges.

- Dr Caitlin Mack (Has passed exams to become a Diplomate, American College of Veterinary Internal Medicine but not yet awarded)
- Dr Jess Wise (Diplomate, European College of Equine Internal Medicine)

Staff News

Welcome
Jess Cleary - Veterinary Nurse
Sarah Duncan - Veterinary Nurse
Suman Gupta - Postdoctoral Research Fellow
Jessica Wise - Veterinary Clinician

Expected arrivals:
Viviana Gonzalez Astudillo - Lecturer in Veterinary Pathology
Stephanie Bond - Lecturer in Veterinary Anatomy
Phoebe Gill - Veterinary Clinician

Taylor Pini - Lecturer in Veterinary Reproduction

Departures:
Lauren Cash - Veterinary Clinician
Michelle Sinclair - Project Manager – CAWE

UQ Library News

Exciting news, the new Librarian team is now in place for Gatton Campus!

Felicity Berends, our Senior Librarian for the Faculty of Science will be in the lead, with our two new staff Angie and Jo to be based fulltime at the Gatton campus library.

- Angie Richards will be our new liaison for the School of Agriculture and Food Sciences and Queensland Alliance for Agriculture and Food Innovation (QAAFI)   a.richards@library.uq.edu.au
- Jo Whitcombe will be our new liaison for the School of Veterinary Science. J.whitcombe@library.uq.edu.au

You may prefer to utilise the new universal email address for librarians; librarian@library.uq.edu.au that is now in place for your convenience, to ensure a prompt response to any query.

Our new librarians will be reaching out to you in the near future, ensuring a seamless transition is in place for all your library support.

Maria Larkin is moving to a new role in the library but will be keeping a keen interest in all things Gatton.

Library Workshops

Library staff offer classes (workshops) in research skills, software, publishing, and research management online and in-person.

Classes are added often, so check https://web.library.uq.edu.au/library-services/training regularly.

In-person classes coming to Gatton campus soon :

Word: Creating a Structured Thesis (CaST)
Thursday September 2nd, 9:30am -12:30 pm

This session is very similar to the Word Advanced session. It has been customised to focus on UQ's thesis submission requirements using formal documentation rather than generic skills based training.

Following this training participants will be able to:

- Use styles with confidence
- Apply automatic heading numbering
- Generate automated tables of contents, figures etc.
- Insert captions and cross-references
- Combine documents and merge formatting

Book in here: https://studenthub.uq.edu.au/students/events/Detail/3624671

Excel: Intro to Spreadsheets

Thursday September 2nd , 1pm -3pm
At the end of this session, class participants will be able to:

- Design and create a simple spreadsheet
- Enter data, labels, formulas and simple functions
- Format and sort data
- Present data in charts

Book in here: https://studenthub.uq.edu.au/students/events/Detail/3624672

R with RStudio: getting started
Thu 9 Sep 2021,
9:30 am - 11:30 am
https://studenthub.uq.edu.au/students/events/Detail/3618595

Python with Spyder: Introduction to Data Science
Thu 9 Sep 2021, 1:00 pm - 3:00 pm
https://studenthub.uq.edu.au/students/events/Detail/3631807

Nvivo: Getting started
Thu 16 Sep 2021, 9:30 am - 12:30 pm
https://studenthub.uq.edu.au/students/events/Detail/3632099

Excel: processing data
Thu 16 Sep 2021, 1:00 pm - 3:00 pm
https://studenthub.uq.edu.au/students/events/Detail/3632101

R data manipulation with RStudio and dplyr: introduction
Thu 30 Sep 2021, 9:30 am - 11:00 am
https://studenthub.uq.edu.au/students/events/Detail/3632129

QGIS: Introduction to mapping
Thu 30 Sep 2021, 1:00 pm - 3:00 pm
https://studenthub.uq.edu.au/students/events/Detail/3634143

Premiere Pro: Video Editing Basics
Thu 7 Oct 2021, 9:30 am - 11:30 am
https://studenthub.uq.edu.au/students/events/Detail/3636281

Excel: Further Functions
Thu 7 Oct 2021, 1:00 pm - 3:00 pm
https://studenthub.uq.edu.au/students/events/Detail/3636282

Exam Support
The Library's AskUs Exam Support service provides IT support to students during centrally administered examination periods. This includes mid-semester, end of semester, deferred and supplementary examinations. This service is also available for school-based online exams. Course Coordinators who would like their students to have access to online exam support are asked to provide the details of any online assessments that are due during the semester to the following shared document: School exams during semester.xlsx

For any examinations related questions, please contact examinations@uq.edu.au.

Please note that at least two weeks notice in advance of the scheduled assessment date is required to ensure Exam Support is available to students.

Teacher showcase

Dr Alex Young - Senior Lecturer in Veterinary Diagnostic Imaging

BVSc (Hons1) DACVR
Registered Specialist in Diagnostic Imaging

Alex is best known for her role as an equine radiologist. She is involved in teaching into both the Bachelor of Veterinary Science programme via a combination of didactic and tutorial-based teaching and also work-integrated learning for the final year students. She also contributes substantially to extra-curricular CE/ CPE offerings for practicing veterinarians.

What makes her a great teacher? In the words of a colleague: *'Alex has an amazing ability to explain complex and difficult subjects in a simple and engaging way. Her endless enthusiasm inspires deep learning and motivation in her students.'*

When asked what underpins her teaching approach, Alex emphasises the critical importance of creating a safe learning environment for her students where they all feel free to ask questions, try new things and 'have a go' with safety, particularly when in a group setting. It's okay to be wrong, we are all wrong sometimes, but having a plan of attack is really important. How do we figure out the solution and a way forward by going back to first principles? Alex aspires to prepare students for day one of practice – where they won't have the answers for everything, but they will definitely have the skills to figure it out!

Vital statistics:

Years of teaching: 12 years

Discipline areas: Equine diagnostic imaging

Course coordination: VETS5028

Teaching courses: VETS3060, VETS4022, VETS5015, VETS5028

Current RHD students: Alex is supervising two projects looking at: (1) diagnostic imaging to reduce Thoroughbred racing fatalities and (2) osteoarthrosis in large cats

Clinical contribution:
Service Leader, The Diagnostic Imaging Service – two days per week on clinics

External teaching
Alex contributes to a range of CE offerings for example the Centre for Veterinary Education, VetPrac, VetPD and Equine Veterinary Association events

Student quote:
'Alex is approachable, knowledgeable, and integrative to so many different learning types. She has passion and really cares that the students understand the important content necessary to be a good clinician. It is so refreshing to have a teacher who cares so much about her students and her profession. She makes you feel comfortable, is never condescending and it is just generally such a successful learning experience.'

Here are a couple of illustrative student quotes to highlight the effectiveness of Alex's teaching approach:

'Alex has a fantastic way of explaining things that can be difficult to understand (e.g. ultrasound orientation) and her lectures were clear and engaging. She is also just a wonderful person, and very kind and approachable! '

'I really love how Alex explains things - she really tries her best to ensure that students understand what's going on and I really appreciate it. She really makes me want to pursue more study/learning into diagnostic imaging - ultrasounding is a lot of fun :)'

'Can tell she puts a lot of effort into the slides, tutorials which inspires learning from students. Also understands that the content can be confusing, so goes over it multiple times and doesn't mind repeat questions'

'The imaging prac was awesome! Having the opportunity to use ultrasound equipment on live animals really built on my skills along with my confidence.'

Compiled by Dan Schull for the SVS Vet Ed Network

Upcoming events and opportunities

UQ global engagement seed funding project on veterinary cancer surveillance

Saturday the 11th of September at 10 pm AEST (9 am BRT, 1 pm BST, 2 pm CET) the GIVCS (Global Initiative for Veterinary Cancer Surveillance) is presenting the **UQ global engagement seed funding project on veterinary cancer surveilllance** - a collaboration between UQSVS, Sao Paulo State University (Brazil), UNESP (Brazil), Technical University of Munich (Germany), Pontifical Catholic University (Chile), Nông Lâm University (Vietnam), University of Zurich (Switzerland) and University of Brawijaya (Indonesia). They will be also launching the **Veterinary International Classification of Diseases for Oncology (Vet-ICD-O-1),** the first coding system for cancers in animals, in collaboration with the International Agency for Research on cancer (IARC). Please contact A/Prof Chiara Palmieri (c.palmieri@uq.edu.au) for more details.

FREE REGISTRATION (Zoom link for the event)

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)