Just a couple of reminders from me this month.

Firstly, don’t forget that as part of next year’s compact we will have funds to support ECR & MCR supervisors of new research students, both undergrad ($1K) and postgrad ($6K). These are once off payments per student starting in 2015, part time and Masters Students will be funded pro-rata. Student’s projects will be rated on the quality of research and be ranked by the Research Development Committee. Limited funds are available – but students need to be in place before funding is distributed. Now is the time to look out for new students and to encourage them to apply for scholarships!

Secondly, don’t forget that bequest funding needs to be spent by the end of November. No carry forwards will be allowed this year.

Congratulations to Professor Ken Johnson who has just been awarded the WSAVA Hills Pet Mobility award for his clinical research in orthopaedics of dogs and cats at the opening ceremony of the WSAVA congress in Cape Town.

Below you will see a photo of our CPC/MBI Intramural fellows who enjoyed a morning tea in the CPC building recently. They are all making great progress with their projects and appear to be enjoying their research time. We are going to advertise another round of fellowships in November, so if you are interested, start thinking about your projects now and start looking into developing new collaborations with researchers within CPC and MBI.

I am away in October – a mix of work and holiday! Navneet will be holding the reins. Don’t forget to send all correspondence to vetsci.adr@sydney.edu.au so that it is actioned in my absence.

All the best,
Kathy
30 SECONDS WITH ... DR MICHAEL RIMMER

WHAT IS YOUR AREA OF EXPERTISE?
Marine finfish aquaculture - mainly marine finfish reproductive biology and larval rearing.

MOST EXCITING RESEARCH DISCOVERY TO DATE?
The influence of fatty acid nutrition on survival and growth of marine finfish larvae, particularly the major differences in fatty acid requirements between different species.

WHAT IS ON YOUR RESEARCH BUCKET LIST?
developing improved hatchery techniques for difficult to rear species, such as rabbitfish (Family Siganidae).

SOMETHING ABOUT YOU THAT WE DON’T KNOW?
Most weekends will find me catching butterflies in the limestone karst mountains between Makassar and Camba.

WHO HAS BEEN IN THE NEWS..

- The Huffington Post (US), The Arizona Republic (US) reported on research by Dr Melissa Starling from the Faculty of Veterinary Science into optimism and pessimism in dogs.

- Fox News (US), CBS Philly (US), El Norte de Castilla (Spain) dogs, La Vanguardia (Spain) reported on research by Dr Melissa Starling from the Faculty of Veterinary Science into optimism and pessimism in dogs.

- Dr Melissa Starling from the Faculty of Veterinary Science was interviewed on ABC Newcastle Drive about her research into optimism and pessimism in dogs.

- The Washington Post (U.S), Discovery News (US), Spektrum der Wissenschaft (Germany) interviewed Dr Melissa Starling from the Faculty of Veterinary Science about her research optimism and pessimism in dogs.

- 891 ABC Adelaide Afternoons, 702 ABC Sydney Drive and Radio National’s PM interviewed Dr Melissa Starling from the Faculty of Veterinary Science about her research into optimism and pessimism in dogs.

- Dogs can be pessimists too. Dr Melissa Starling from the University of Sydney’s Faculty of Veterinary Science has developed an objective, non-invasive means of measuring optimism and pessimism in dogs. For more information, please visit: sydney.edu.au/news/84.html?newsstoryid=14058 to read the full story.

- BC Alice Springs interviewed Liz Arnott from the Faculty of Veterinary Science about new research showing that livestock producers have much to gain from putting more effort into the health and wellbeing of their working dogs.

- ABC News 24 Sydney, ABC News (Perth, Darwin, Melbourne and Sydney), 720 ABC Perth and 774 ABC Melbourne, interviewed Professor David Raubenheimer from the Charles Perkins Centre, Faculty of Veterinary Science and School of Biological Sciences about the eating habits of the fat-tailed dunnart.

- Food to get Tassie devils in the mood: Sydney joins forces with Taronga Zoo. Researchers from the University of Sydney’s Charles Perkins Centre have joined forces with Taronga Zoo for a world-first study on the eating habits of endangered Tasmanian devils and fat-tailed dunnarts. sydney.edu.au/news/84.html?newsstoryid=14003 to read the full story.

- Best way to train farm dogs has lessons for all dog training. A study from the Faculty of Veterinary Science at the University of Sydney suggests the best training methods for working dogs. sydney.edu.au/news/84.html?newsstoryid=13990 to read the full story.

- Psychology Today (US) published research from the Faculty of Veterinary Science about how to create a successful working dog.

- Professor David Raubenheimer from the Charles Perkins Centre was interviewed on Radio National’s World Today about research into why Australia has the fastest rising obesity rates in the world.

- What keeps two Australian scientists up at night. Dr Cameron Clark from the University of Sydney’s Faculty of Veterinary Science and Vancess Moss from the ARC Centre of Excellence for All-Sky Astrophysics reflect on the life of an Australian scientist sydney.edu.au/news/84.html?newsstoryid=13928 to read the full story.

A reminder if you have any research or findings that you think are suitable for media coverage please contact verity.leatherdale@sydney.edu or 9351 4312 before your work is published.

If you have any media items please send to vetsci.adr@sydney.edu.au
CONGRATULATIONS....... 

University of Sydney graduates leave their mark in all walks of life, and the 2014 Alumni Award winners are outstanding examples of that inspiring tradition.

This year’s Alumni Awards, which will be presented in The Great Hall on 17 October, Mrs Layla Schrieber MScVetSc will be awarded the Rita and John Cornforth Medal (PhD) for PhD achievement at the 2014 Alumni Awards.

Congratulations to the research students who participated in the 3 minute thesis competition.
- Christie Budd
- Izmira Mohd Ismail
- Ashlie Kelsall
- Barbara Padalino
- Taylor Pini
- Mark Westman

30 SECONDS WITH ... 
DR ROSLYN BATHGATE

WHAT IS YOUR AREA OF EXPERTISE?
Applied reproduction – developing artificial reproduction technologies for different species.
Comparative reproduction – understanding the solutions developed by different species to overcome reproductive problems.

MOST EXCITING RESEARCH DISCOVERY TO DATE
Developing the techniques to make pig embryos of a pre-determined sex.

WHAT IS ON YOUR RESEARCH BUCKET LIST?
A Nature paper.

SOMETHING ABOUT YOU THAT WE DON’T KNOW?
My most recent obsession is my new bee hive – I can spend ages sitting and watching them go and come back with loads of nectar.

ISAG
INTERNATIONAL SOCIETY FOR ANIMAL GENETICS

The 34th ISAG conference was held July 25- August 1, 2014 in Xi’an, China. This was our first conference in China and registrations topped 1200 with 400 posters presented, reflecting the high profile of animal genetics research in China.

However, the purpose of this message is to summarize the main points of interest for members.

1. Honorary member: Professor Emeritus Frank Nicholas of the University of Sydney was elected as an honorary member based on his many research contributions in animal genetics as well as for his creation of the database, Online Mendelian Inheritance in Animals (omia.angis.org.au)

2. Journal: Animal Genetics. Chris Moran retired as editor of the journal and the new Editor-in-Chief is Professor Hans Lenstra. Chris is congratulated for an excellent job as editor; his tenure was marked by the institution of a system of associate editors, frequent presentations at conferences and other sites advocating excellent manuscript preparation and the challenges presented by competition from many new journals covering animal genetics.

Best wishes,
Ernie Bailey
President, ISAG
Leigh Ann Ackland, Katherine Ashley, Julia de Bruyn, Johanna Wong, David Coleman & Mardee Cassin

Food insecurity, poverty and hunger were recently the topic of conversation with students from the Faculty of Veterinary Science and Faculty of Agriculture and the Environment representing the University of Sydney at the Crawford Fund’s 2014 Parliamentary Conference ‘Ethics, Efficiency and Food Security: Feeding the 9 Billion, Well’ in Canberra on August 26th. This annual event brought together Australian and international speakers to explore the many facets of food and nutrition security and respond to the challenge of meeting the demands of a growing population.

The parliamentary conference featured a wide and engaging list of speakers from around the world. Highlights of the program included an opening address by Professor Catherine Bertini, former Executive Director of the United Nations World Food Program, who emphasised the importance of supporting and engaging with women in efforts to improve nutrition. The audience also heard from Dr Shenggen Fan, Director General of the International Food Policy Research Institute (IFPRI) who highlighted the high economic return of eliminating global hunger and malnutrition and suggested ways in which Australia could address these issues, particularly in the Asia-Pacific region.

The annual conference also marks the presentation of the Crawford Fund Medal. Established in 2010 to recognise people who have made a considerable and continued contribution to international agricultural research, the Crawford Fund Medal is awarded to those who have made and continue to make an enduring contribution to global food security. This year the Crawford Fund Medal was awarded to Associate Professor Robyn Alders AO for her contribution to improving food security and childhood nutrition, through her work with smallholder farmers in Africa and Asia. Congratulations Robyn, the award is well deserved and the University congratulates you on a significant achievement.

Four students from the University of Sydney received travel scholarships to attend the conference, as part of the Crawford Fund’s efforts to encourage the involvement of young people in this sector. They were joined by three other students from the University of Sydney to participate in the Crawford Fund Young Scholar’s Day at the National Library.

The event extended opportunities for students to connect with peers and those further along in their careers, and included talks from Professor Catherine Bertini and Dr Nick Austin, CEO of the Australian Centre for International Agricultural Research (ACIAR), on the value of agricultural research and international development.

Students also heard from scientists with extensive experience in this field and from members of Researchers in Agriculture for International Development (RAID), a new network aiming to build links between students and young researchers involved in international agricultural research. Among positive outcomes of the conference are plans for a Sydney branch of RAID, to continue transdisciplinary connections and engage other students in the food security debate. Stay tuned for more details about events on campus in the coming months!

Overall, the event was an engaging discussion of how to increase food production in an ethical and efficient way and an excellent opportunity for students to learn about opportunities to work in, with and for developing countries. The students would like to thank the Crawford Fund for the opportunity to attend their 2014 Parliamentary Conference ‘Ethics, Efficiency and Food Security: Feeding the 9 Billion, Well’ and look forward to promoting the work of the Crawford Fund and engaging students from across the University on the issue of food and nutrition security and poverty alleviation.

For more information please contact A/Prof Robyn Alders (robyn.alders@sydney.edu.au).
PUBLICATIONS
AS LISTED ON IRMA JULY 2014


Gardner, Emma Gillian and Alders Robyn . "Livestock Risks and Opportunities: Newcastle Disease and Avian Influenza in Africa." Planet@ Risk 2.4 (2014).


**FUNDING OPPORTUNITIES**

**FELIX WANDEL ANIMAL WELFARE RESEARCH AWARD**
Ludwig-Maximilians University invites nominations for the Felix Wandel animal welfare research award. This recognises outstanding, experimental and innovative scientific papers aimed at, or resulting in, the replacement or reduction of animal testing, the general fostering of the idea of animal protection, ensuring the health and the appropriate housing of laboratory animals, pets and livestock, or supporting core research for the purpose of enhancing animal protection. Scientists, members of scientific institutions, expert societies, authorities or representatives of the scientific media may nominate candidates. Nominees may be persons or groups involved in research in Germany or abroad. The papers should be recent and contain the results of original research. The award is worth a maximum of €30,000 which may be divided among several prize winners.

Further information [felix-wandel-forschungspreis.de/en/aussschreibung](http://felix-wandel-forschungspreis.de/en/aussschreibung)

Closing Date: 30 Sept 2014

**GRANTS FOR FELINE HEALTH RESEARCH** invites applications for its research grants. These are awarded to aid research into the causes, prevention and cure of illnesses affecting cats, or other species where the results are likely to be of relevance to cats. The grants’ priority health research area for 2014 is feline infectious peritonitis in addition to the following areas:

- Feline infectious peritonitis;
- lymphosarcoma;
- breast cancer;
- asthma;
- arthritis;
- tooth and gum disease;
- diabetes;
- pyometra;
- hyperthyroidism;
- kidney, heart or liver failure;
- fertility;
- skin or eye problems;
- behavioural problems;
- immunisation protocols.

Scientists, veterinarians and postgraduate students working in Australian universities or research institutes may apply. All research must pass strict guidelines to ensure the welfare of animals involved. Grants are worth up to AU$5,000.


Closing Date: 30 Sept 2014

**THE WINIFRED VIOLET SCOTT CHARITABLE TRUST** invites applications for its research grants. These promote and encourage kindness towards animals, or the preservation and protection of wildlife or endangered species.

Funds will be awarded to charitable organisations at any part of the world that hold appropriate Australian Taxation Office endorsements.

Closing date 30 Sep 14

**THE ASSOCIATION FOR THE STUDY OF ANIMAL BEHAVIOUR** invites applications for its research grants. These support pilot and small-scale projects in all areas of animal behaviour that are unlikely to attract funding from alternative sources. Grants may be made to allow the applicant to travel to conduct collaborative research, or to bring a collaborator to the applicant’s institution. Research projects in all areas of animal behaviour will be considered.

Applicants must have a PhD and should have been ASAB members for a minimum of one year. Preference may be given to applicants early in their career and first-time applicants.

Grants are worth up to £7,500 and may cover equipment, research expenses, salaries, travel and subsistence.

Closing date 01 Oct 14
[asab.nottingham.ac.uk/grants/research.php](http://asab.nottingham.ac.uk/grants/research.php)

**THE SWEDISH-NORWEGIAN FOUNDATION FOR EQUINE RESEARCH** invites applications for its research grants. These aim to support both traditional veterinary and agro-research, as well as equine research from social sciences perspectives.

Nordic and international cooperations, as well as interdisciplinary projects are encouraged. Applications must be written in Swedish or Norwegian.

Closing date 01 Oct 14
[hastforskning.se/soka-anslag/#.VBJu6LF--PxA](http://hastforskning.se/soka-anslag/#.VBJu6LF--PxA)

**SCIENCE AND INNOVATION AWARDS**

Grants to realise big ideas for agriculture from young rural innovators

Grant applications are now open for the 2015 Science and Innovation Awards for Young People in Agriculture, Fisheries and Forestry. If you’re 18-35, this is your chance to apply for a grant of up to $22,000 to fund your project on an innovative or emerging scientific issue that will benefit Australia’s primary industries.

There are twelve industry Science Award categories open for applications: biosecurity, cotton, dairy, fisheries and aquaculture, grains, horticulture, meat and livestock, new and emerging rural industries, pork, red meat processing, viticulture and oenology and wool. Each category includes a grant of up to $22,000 and is generously supported by the research and development corporations as our Science Award partners.


Closing Date: 3rd October 2014
FunDIng O PPORTunITIES

ARc LiNKaGE PROjeCT SCHeMe - 2015 FiNDAIng – NOw OPeN

The ARc Linkage Project SCHeMe opened on 17 September 2014. The ARc closing date is Wednesday 12 November 2014. The Internal closing date is Monday 27 October 2014.

Getting started  Visit the ARc website: arc.gov.au/about_arc/arc_profile.htm#linkage

There will be a range of information added to the Research Support website over the next few weeks. Keep an eye out for the release of the following resources:

• University of Sydney writing strategy guide
• University of Sydney salary scales for your budget
• Letter of Support (template) where the industry partner(s) explain their role and participation in the project.
• ARc Written Evidence form (Certification form)
• Budget tool to check contribution amounts
• University of Sydney Standard Linkage Project Agreement (template)
• Mutual Confidentiality Agreement (template)

Contact: Kay Winton E:- kay.winton@sydney.edu.au

postDoctorAL reSEARCHeR TRAiNING fELLoWSHiPS fOR CLeNiCiNS The WelCome Trust invites applications for its postdoctoral training fellowships for clinicians. This flexible fellowship scheme enables individuals to engage with areas of research that are new to them. It is for candidates who either undertook a PhD early in their career and now wish to refresh their research skills, or have recently completed a PhD and wish to explore a new research field or environment, to gain the skills that will help them answer their longer-term research vision

Closing Date- Preliminary application deadline: 27 October 2014 (5pm)
welcome.ac.uk/Funding/Biomedical-science/Funding-schemes/Fellowships/Clinical-fellowships/wtp052588. htm

ALaN RoBERTSoN FuND fOR ANiMAL GEneTiCS
The British Society of Animal Science invites applications for grants under the Alan Robertson fund. This aims to further research and education in the application of genetics to livestock production. The fund will support study tours or projects, and travel to attend congresses or meetings.

A total of £1,400 is available to finance grants each year. Applicants need not be society members.

Further Information:- 2.bsas.org.uk/about-bsas/funds-awards-jobs/alan-robertson-fund-for-animal-genetics/
Closing Date 31st October 2014

workSHOPS/COURSes

eResearch news for Vet Sci

Jeremy Hammond from intersect.org.au has offered to hold a series of the following FREE workshops:-

• Introduction to UNIX and HPC
• Advanced HPC / parallel programming
• Cleaning and exploring your data with Open Refine
• Data visualisation with Google Fusion Tables
• Intro to Machine Learning
• MS Excel for Research

Please contact jeremy@intersect.org.au if you are interested in attending any of the workshops. If there are reasonable numbers Jeremy has offered to run the workshops at Camden!

Other workshops offered by intersect are:-

HPC and bioinformatics
The University is in the process of setting up the HPC facility for researchers. It will be online early 2015 for all research projects. There will also be a bioinformatics module ($2k/person/year) that gives researchers access to bioinformatics training, tools and support. If you have immediate HPC needs, the University has free compute time on NCI for researchers.

For more information:- mike.baker@sydney.edu.au.

Research Data Storage
The University is pleased to announce that the new Research Data Store is online. Space is allocated on a per project basis by completing a Research Data Management Plan. Each project may receive up to 2TB of active, working space at no charge and $50/TB/year for additional space. Archive space is automatically allocated along with working storage and can also be used for old archived projects. The archive space comes at no cost to the researcher, regardless of size.

For more information:- staff.ask.sydney.edu.au/app/answers/detail/a_id/524/ or contact:- researchdatasupport@sydney.edu.au

eResearch consulting

Intersect is the peak eResearch body for NSW and the Faculty and its researchers have access to its services through the University’s membership. Intersect is able to help you with project scoping for grants, eResearch advice, cloud compute through NeCTAR, HPC and data management. Consulting comes at no cost to university-based researchers.

For more information:- jeremy.hammond@sydney.edu.au

OF iNTeREST TO POSt-GRAduATE/1ST YeAR PHD, iNTeRESTED IN CoMMERCIALISATION:
Successful Innovation Workshop is the two day commercialisation boot camp for post graduate/PhD students. The workshop will be held on Wednesday 10th and Thursday 11th September 2014, in the Seminar Room of the National Innovation Centre, at the Australian Technology Park.
WORKSHOPS/COURSES

In this 2 day workshop you will explore ways to commercialise your research through practical case studies, workshops and networking. At the end of this program, you will have a greater understanding of what is involved in successful commercialisation. Speakers will help you understand how to prepare yourself, what questions to ask and how to develop wealth from your research.
Discover the best ways to commercialise your research.
Identify your full IP value and how to protect it.
Learn the essential elements of a business plan.
Gain an insight into market validation.
Understand business opportunities and investment options.
Take home valuable knowledge from industry professionals.
Network with government, university, CEOs and industry.

DATABASES ON TRIAL AT THE LIBRARY

Are you interested in finding out more about how the rise of pampered pets and increasing awareness of new pet services has driven growth in the Veterinary industry? Or perhaps you would like access to company reports from the big multinationals in the dairy industry?
The Library is currently trialling IBISWorld with a view to taking out a subscription to this resource. We rely on your feedback to determine whether new resources are relevant and required for your teaching and research. As such, we really appreciate your taking the time to try this resource and let us know what you think using the sydney.edu.au/library/databases/dbevaluation.html
For access to the trial please go to:- sydney.edu.au/library/databases/trial.html

FOR MORE INFORMATION CONTACT
E vetsci.adr@sydney.edu.au
F facebook.com/VeterinaryScienceSydney?ref=hl.
sydney.edu.au/vetsci/research
Updates to Morris Animal Foundation's Veterinary Student Scholars Program!

Call for proposals and who may apply:

Beginning Thursday, October 2, 2014, Morris Animal Foundation will accept veterinary student proposals for mentored research from any accredited US college, university or school of veterinary medicine. New for 2014-2015 will be the opportunity for international veterinary students at accredited institutions to apply for mentored research grants. Morris Animal Foundation is proud to offer 5 grants for international veterinary students this year. Each institution (US and international) may still select and submit only one veterinary student project for review; grant monies will provide stipends for selected students. Morris Animal Foundation encourages each institution to select and submit the very strongest student project based on scientific merit, relevance to animal health and adherence to Morris Animal Foundation’s policies and guidelines. Proposals must be written by students, and submissions must be made online by the academic institution (limit one per institution).

Exciting Opportunities for students!

Based on a rigorous scientific review of final reports submitted by student award recipients at the end of their projects, a select few will be invited to attend and present a poster at the Morris Animal Foundation Scientific Advisory Board and Trustee Meeting in June of 2016 in Denver, CO. Students must submit final reports in the fall of 2015, reports will be reviewed and students will be notified in early 2016 if their project has been selected for poster presentation at the board meeting. This will allow a great opportunity for a group of outstanding veterinary students to network and connect with the prestigious Morris Animal Foundation Scientific Advisory Board.
For more information...

Veterinary Student Scholars 2014 - 2015 Guidelines: [CLICK HERE]

Veterinary Student Scholars 2014 - 2015 Online Application: [COMING SOON]

* Proposals will be accepted beginning Thursday, October 2, 2014 and due Thursday, February 5, 2015 *