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DIARY DATES

TUESDAY 21 JANUARY 2014
ARC DISCOVERY INFO SESSION
Where: Wallace Theatre (Science Rd)
Time: 1:00 – 2:30pm

TUESDAY 28 JANUARY 2014
ANIMAL ETHICS - “IRMA” TRAINING SESSION CAMDEN
Where: GTB, Computer Room 105
Time: 10:00 – 12:00pm

MONDAY 10TH FEBRUARY 2014
RSPCA AUSTRALIA SCIENTIFIC SEMINAR 2014
Where: Lecture Theatre 275, Carslaw (F07)
Time: 5:30 - 7:00pm

WEDNESDAY 12TH FEBRUARY 2014
EMERGING RESEARCH STARS IN THE FACULTY OF VETERINARY SCIENCE SHOWCASE
Where: Carne Lecture Theatre, Gunn Bld B19
Time: 10.00am - 4.00pm

WELCOME

Happy New Year!! I am excited to have the opportunity to welcome you to our first Research News Newsletter. With the fantastic support of Marie Wildridge, Kim Heasman and the new Research Development Committee, I will be circulating a newsletter once a month celebrating our research achievements. My hope is that this newsletter will help build a stronger research culture and may result in new collaborations as we learn more about what other teams are accomplishing. Please help support this newsletter by letting us know when you or your students are awarded grants or prizes, publish papers or make a splash in the media.

I will also use this forum as an opportunity to update you on other research developments within the University and provide overviews of topics covered at SEG-Research Committee, the Division of Natural Sciences Research Committees and other committees. Two issues worth flagging are that we have been asked to remind researchers of the importance of research integrity and the need to comply with the rules and requirements of funding bodies. There is a form available for researchers to use to record authorship of and contributions to papers: s14.sydney.edu.au/science/staff/research/resources/faculty.shtml. Apparently there have been some breaches in this area within the University. Also, given recent political comments, researchers are asked to consider carefully the titles of grant applications.

At the moment many of you are slaving away at grant applications. Don’t forget that we have fantastic support from the research office and from Prof Ian Hume. If you are working on a large grant application – please let me know. I am happy to put you in touch with appropriate support personnel and if there is interest, run some grant development workshops.

To kick the year off we are going to highlight the research of some of our emerging research stars and some of our newly appointed research superstars! The event will be held in the Carne lecture theatre on Wednesday 12th February. More details will be circulated shortly. Please come along and support your colleagues. We would also like to invite collaborators and industry partners. To help build our database – please send details of people that you would like to be on our mailing list for newsletters and seminar announcements to vetsci_adr@sydney.edu.au.

We are also planning to promote our research more through social media. Just drop us an email if you have projects you would like to see promoted.

Over the coming weeks I am going to be visiting many of you to learn about your research and to establish whether there is anything we can do to help support your research better. If you haven’t been in touch yet and would like to make an appointment – just drop me an email. I look forward to working with you all over the coming year. I hope 2014 is a great year for you all.

PROFESSOR KATHERINE BELOV
ASSOCIATE DEAN RESEARCH
30 SECONDS WITH ... PROFESSOR CLAIRE WADE

WHAT IS YOUR AREA OF EXPERTISE?
I am driven to improve animal health through the application of the latest genomic technologies and high performance computing.

MOST EXCITING RESEARCH DISCOVERY TO DATE?
Our team has discovered a large number of coding changes that underlie canine morphology through next generation sequencing. These can help us better understand things such as coat colour and texture, ear and tail shape, bone density, and disease risk.

WHAT IS ON YOUR RESEARCH BUCKET LIST?
We aim to help animal breeders breed genetically healthy animals every time.

SOMETHING ABOUT YOU THAT WE DON’T KNOW?
I am passionate about competing with my two Nova Scotia Duck Tolling Retrievers in performance dog events and particularly retrieving trials.

MEET YOUR NEW COMMITTEE MEMBERS.
The successful applicants for the new Research Development Committee are:-
SubDean Research Development: Dr Navneet Dhand
Health and Disease: Dr Damien Higgins and Dr Joy Becker
Companion/Clinic: Dr Natasha Hamilton and Associate Professor Vanessa Barrs
Production: Associate Professor Kendra Kerrisk and Dr Gabriel Machovsky-Capuska
Wildlife: Dr Cathy Herbert and Associate Professor David Phalen
CPC: Professor David Raubenheimer
MBI: Dr Siobhan Mor
In addition – ex officio members include
ProDean: Associate Professor Paul Sheehy
AD Postgrad: Associate Professor Merran Govendir
Sub Dean UG Res: Dr Roslyn Bathgate
Sub Dean PG Res: Dr Jeff Downing
Sub Dean Indigenous: Dr Jaime Gongora
Library: Ms Karen Black

RDC committee members will be working with the ADR to enhance the research culture within the Faculty. Please let them know if you have any ideas to help us to promote and celebrate our research successes and to continue to build our research standing within the University and the broader community.

WHO HAS BEEN IN THE NEWS..

• A University of Sydney study that has found dogs may suffer from the canine equivalent of short man syndrome.
The Daily Telegraph, Sydney Morning Herald, the Age, Herald Sun, Northern Territory News, Canberra Times, Cairns Post, West Australian, Adelaide Advertiser, Townsville Bulletin, Bendigo Advertiser (18/12/13) and AAP Newswire (17/12/13) mentioned a University of Sydney study that has found dogs may suffer from the canine equivalent of short man syndrome. The study was also mentioned on 2UE Early Breakfast and Professor Paul McGreevy from the Faculty of Veterinary Science was interview about the findings.

• The study reported a lack of off-leash parks is contributing to an epidemic of overweight dogs and quoted Professor McGreevy.
702 ABC Breakfast and Afternoons, ABC Newcastle Day Shift, and 3AW Melbourne Afternoons (18/12/13) and Radio National Country Breakfast (21/12/13). The Daily Telegraph (21/12/13) reported a lack of off-leash parks is contributing to an epidemic of overweight dogs and quoted Professor McGreevy

• Best Places for Seafood
Dr. Gabriel Machovsky-Capuska with a colleague from New York published a paper on Animal Cognition journal. On the 24th Dec the research was highlighted by the New York Times.

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


Crowley, J, Po, E, Celi, P, Muscatello, G. Systemic and respiratory oxidative stress in the pathogenesis and diagnosis of Rhodococcus equi pneumonia. Equine Veterinary Journal, 45(S45), 20-25.
NEW GRANTS

The Faculty would like to congratulate the following academics and celebrate the award of the following grants.

- **Simon deGraaf**: ARC Discovery: Packed to perform the effects of telomere traits and free radicals on sperm phenotypes fertilization success and offspring viability (2014 - 2016).
- **Yani Garcia / Kendra Kerrisk**: Dairy Australia primary focus on robotic milking and its application on commercial dairy farms
- **Yani Garcia / Kendra Kerrisk**: MEG to build a purpose built vehicle to test interactions between cows and autonomous vehicles (‘robots’) in a pilot study with the Australian Centre for Field Robotics through 2014.

CURRENT FUNDING OPPORTUNITIES

ARC This year, the rules have been released as a single document which applies to all four of the schemes. The ARC has also produced a summary of changes to each set of rules. Visit the ARC website arc.gov.au/ for full funding rules, the summary of changes and ARC instructions to applicants. Further information can be obtained via the Research Website, sydney.edu.au/research_support/

Australian Companion Animal Health Foundation (ACAHF) Application for Funds 2014 further information can be found asava.com.au  Applications close Monday 3rd February 2014

Research training fellowships Wellcome Trust, GB further information wellcome.ac.uk/ Applications close 7th February 2014

Dont forget Research Professional researchprofessional.com/ has many other opportunities listed every day.
Every year, about $3 billion is spent worldwide on animal tests to ensure the safety of consumer products — including drugs, chemicals, food, and cosmetics. While pesticides and drugs are extensively tested, food additives are mostly not, and the testing of cosmetics is even banned in some parts of the world. But what are these animal tests worth when a common, relatively safe drug like aspirin fails most of them?

The 2014 public lecture series will challenge our basic assumptions of toxicity testing and explore how we can promote the uptake of non-animal methods.

**Prof Thomas Hartung**

*Chair for Evidence-based Toxicology*

*Johns Hopkins Bloomberg School of Public Health*

*Center for Alternatives to Animal Testing*

*Baltimore, USA*

**Monday 10 February 5.30–7.00pm**

*Lecture Theatre 275, Carslaw (F07)*

*Camperdown Campus*

**University of Sydney**

*Barff Road, Camperdown*

**Register for free event:**


**For more information visit:**