JD STEWART ADDRESS & ALUMNI AWARDS RECEPTION 2014
VETERINARY SCIENCE

THE UNIVERSITY OF SYDNEY
FACULTY OF VETERINARY SCIENCE
JD STEWART LECTURE AND
ALUMNI AWARDS RECEPTION 2014

FRIDAY 6 JUNE 2014
VETERINARY SCIENCE CONFERENCE CENTRE
THE UNIVERSITY OF SYDNEY

ORDER OF PROCEEDINGS

6pm Formal Proceedings
Introduction
Professor Rosanne Taylor
Dean, Faculty of Veterinary Science

Congratulations from Alumni Council
Dr Bill Porges, BVSc ‘69 PhD ‘78
Adjunct Associate Professor, Veterinary Science,
Honorary Fellow, St Andrew’s College,
University of Sydney Alumni Council Member

Presentation of Alumni Awards
Professor Rosanne Taylor
Dean, Faculty of Veterinary Science

6.20pm JD Stewart Lecture
Professor David Raubenheimer

7.15pm Cocktail Reception

8.15pm Reception concludes
Professor James Douglas Stewart was the founding father of the Faculty of Veterinary Science. His celebrated working life was committed to advancing Veterinary Science and Veterinary Education at the University of Sydney and in Australia.

JD Stewart is remembered as an inspirational founding member of Australia’s veterinary profession, and is honoured as the Faculty’s first Dean through the annual JD Stewart Address.
Food influences everything we do. Nutrients impact on just about every aspect of an animal’s life, from reproduction to growth, resistance to disease, vulnerability to predators and, ultimately, lifespan. Find out from Professor Raubenheimer what nutritional ecologists are discovering as they investigate how nutrients influence the relationships between animals and their environment, from an ecological and evolutionary perspective.

Our relationship with food is complex, involving many nutrients, which interact in diverse ways in their influence on us. Hear about a new approach for disentangling the complex influences of nutrients on animals, as Professor Raubenheimer introduces the concept of nutritional geometry and shows how it applies to his own research and that of collaborators, to solve a range of problems in nutritional ecology.

Starting with examples from lab studies, and then showing how nutritional geometry has helped us to understand the behaviour of animals in the wild, including monkeys, baboons, gorillas and orangutans, Professor Raubenheimer will conclude by comparing the nutritional ecology of humans to these other primates. Discover how this new perspective can help us to understand why in recent years humans have accumulated levels of body fat unprecedented in history.
ALUMNI AWARD FOR PROFESSIONAL ACHIEVEMENT

DR JANET ILKIW
BVSC ‘72 DipVetAn ‘73 PhD Vet Science ‘80

Dr Jan Ilkiw receives the Faculty of Veterinary Science Alumni Award for Professional Achievement in recognition of her contributions to veterinary anaesthesia and analgesia as well as her excellent mentoring record in both clinical and research arenas. Dr Ilkiw’s research in feline anesthesia has changed the way we practice veterinary medicine, specifically in balanced anaesthetic techniques for cats.

Dr Ilkiw was awarded her Bachelor in Veterinary Science in 1972 and completed her PhD in 1980. In 1998, she received the prestigious Norden Distinguished Veterinary Teaching Award and in 2005 was awarded Sacramento Humane-iterian of the Year Award.

In 1985, Dr Ilkiw commenced work at the University of California- Davis as visiting Assistant Professor in the Department of Surgery. Almost two decades later she now holds the position of Associate Dean, Academic Programs within the same Faculty. In this position she has spearheaded widespread changes in teaching practices and assessment within the veterinary school curriculum.

Dr Jan Ilkiw is unique in that she continues to excel in all aspects of Veterinary anaesthesia (clinical service, research and student instruction), but has a huge impact as a leader in education. Rather than prioritising activities that further her personal and professional standing, she devotes a huge amount of time to helping other people achieve their goals.
ALUMNI AWARD FOR PROFESSIONAL ACHIEVEMENT

PROFESSOR ROBERT JOLLY
BVSC ’55 PhD ’64 DSc ’84 (Massey)

Professor Robert Jolly receives the Faculty of Veterinary Science Alumni Award for Professional Achievement in recognition of his contributions as a world leader in the field of lysosomal storage diseases. Much to his credit, the Pathobiology Group in IVABS is now regarded as one of the strongest veterinary pathology departments in the world.

Professor Robert Jolly graduated with his Bachelor of Veterinary Science from the University of Sydney in 1955 and following 6 years in mainly large animal practice returned as a teaching fellow in veterinary pathology and completed his PhD in 1964. Following two years at The Ontario Veterinary College as an Associate Professor of Veterinary Pathology, he was in 1965 appointed initially as senior lecturer then Reader in veterinary pathology at the newly established Veterinary School at Massey University. In 1986 his outstanding teaching and research contributions in veterinary pathology were recognised with a personal chair in Veterinary Pathology. Professor Jolly served on Massey University’s Doctoral Research Committee for fourteen years and was the inaugural Chair of the Massey University Animal Ethics Committee.

In addition to his teaching responsibilities, Professor Jolly was able to establish a research programme funded for over 20 years by the National Institutes of Health in the US and to become a world leader in the field of lysosomal storage diseases. Although he retired in 1996, Professor Jolly has continued his research on storage diseases and has worked in collaboration with the Lysosomal Disease Unit at the Women and Children’s Hospital in Adelaide using mucopolysaccharides IIIA as a model for the analogous human disease.

Professor Jolly has maintained and enhanced his international reputation in the field of lysosomal storage diseases and has published approximately 50 papers in international journals since retirement. At the same time, he has been an inspiration and mentor to postgraduate students and young academic staff members in Pathology Group at Massey University.
ALUMNI AWARD FOR INTERNATIONAL ACHIEVEMENT

DR JOHN COPLAND
BSc ’64 PhD Vet Science ’68 D VetSc ’13

Dr John Copland receives the Faculty of Veterinary Science Alumni Award for International Achievement in recognition of his distinguished contributions to Animal Health internationally.

Dr John Copland graduated from the Faculty of Veterinary Science at the University of Sydney in 1963 and completed his PhD in the Department of Veterinary Pathology at the University of Sydney in 1968, as well as a Master of Science (Aquaculture) from the University of Stirling in 1980.

Dr Copland has made an outstanding contribution to the field of animal and veterinary research and production in the developing world. Among many other achievements, he has directly contributed to major successful research outcomes on rodent control in SE Asian rice fields, and assisted with the development of a thermo tolerant vaccine for Newcastle Disease for village and commercial poultry production systems. This vaccine has been widely adopted in Africa and Southeast Asia.

Dr Copland’s career has earned him an international reputation in animal health and animal production science. Among his honours are the AIDAB Award in 1988 for Excellence (jointly with Professor Peter Spradbrow from the University of Queensland), and the 1996 Kesteven Medal of the Australian Veterinary Association and Australasian College of Veterinary Scientists for distinguished contributions to Animal Health Internationally, an Honorary Doctorate of Science / DVM from the Universiti Peritanian Malaysia; the Agricultural Medal from the Ministry of Agriculture and Rural Development, Vietnam; and ultimately in 2006, an Officer in the Order of Australia for service to veterinary science. The honorary degree of Doctor of Veterinary Science from the University of Sydney was conferred upon Dr John William Copland AO, in 2013.
ALUMNI AWARD FOR COMMUNITY ACHIEVEMENT

DAVID FRASER
BVSc ’63 PhD ’67 (Cambridge)

Professor Fraser receives the Faculty of Veterinary Science Alumni Award for Community Achievement in recognition of his outstanding contributions to the education of students of animal and veterinary sciences, to animal and human health through his research, and to the health and wellbeing of humans and animals through his international involvements.

Awarded Bachelor of Veterinary Science with first class honours in 1962. Recipient of a Cambridge Commonwealth Scholarship he completed his PhD at Cambridge University in 1967. He was elected Dean for the Faculty of Veterinary Science at the University of Sydney in 1992, a position he held for 6 years.

His contributions, which encompass teaching, academic leadership, research and community service, extend far beyond what is expected of a Professor and faculty Dean in Sydney University. Included are his deep involvement in the Leadership Program at Cornell University, USA, his research collaboration in the UK, USA and Germany, which have continued into his retirement years, and his major contributions as advisor and contributor to the World Health Organisation.

Professor Fraser has continued to make significant contributions to the study of the role of Vitamin D in calcium metabolism in domestic animals. He is invited to the Veterinary Faculty in Hannover Germany each year to participate in research examining age and diet related effects of Vitamin D – Calcium metabolism in dairy cows and goats. During these periods in Germany he also reviews and comments on postgraduate research projects.

Professor Fraser retired in 2007 and continues as the sole teacher of nutrition to undergraduate Veterinary Science and Animal Bioscience and supervises postgraduates and postdoctoral Fellows, all on a pro bono basis. He has been a valuable mentor and supporter of veterinarians planning their career and is in demand in this role.
ALUMNI AWARD FOR YOUNG ALUMNI

DR JESSICA KING
BAVBSc ’06 PhD Vet Science ‘10

During her studies Jessica was regarded as a solid thinker, caring for animal welfare with a keen interest for inquiry through bioscience. In 2006, she was awarded a Bachelor of Animal and Veterinary Bioscience with first class honours and was the recipient of the Invasive Animal CPC PhD scholarship.

Her PhD titled Investigating the life cycle and transmission of Neospora caninum in Australia features work which is critical to our current understanding of the lifecycle of the parasite that dogs transmit in Australia. She was rewarded with the Chief Executives’ prize for achievement for the top student at the Invasive Animals CRC.

Whilst at the University, she demonstrated her passion for infectious diseases and her drive to find solutions. She has successfully taken such experience with her to the new endeavours and areas in animal health and welfare including her current employer Novartis Animal Health.

As Senior Scientist with Novartis Animal Health, Jessica is involved in the design, management, execution and reporting of field and pen trials for both large and small animals.

With a remarkably successful publishing record, Jessica actively communicates her findings at both Australian and International conferences.
IMPORTANT DATES FOR YOUR CALENDAR

THURSDAY 17 AND FRIDAY 18 JULY 2014

Partners is Veterinary Education Conference:
Essential Skills for Practice Success: Keeping you practice on the sharp edge of the educational roundabout
Veterinary Science Conference Centre, The University of Sydney
Registrations open now:
sydney.edu.au/vetscience/partners/conference

FRIDAY 1 AUGUST 2014, 5PM

2014 Beveridge Lecture:
Bartonellosis: One Health Perspectives on an Emerging Infectious Disease
Presented by Professor Edward Breitschwerdt, North Carolina State University
Veterinary Science Conference Centre, The University of Sydney
Registrations open now:
sydney.edu.au/vetscience/beveridge.pdf