



Murdoch
UNIVERSITY

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Murdoch Agricultural Research Symposium

Friday 2 September 2016

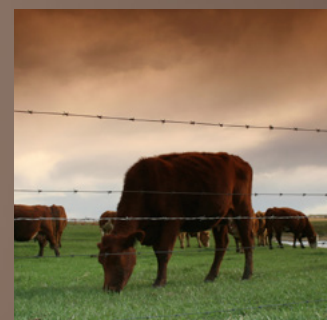
9.30am Registration

10.00am Industry relevant presentations by leading Murdoch University agricultural scientists and emerging talent

BBQ lunch and Barley Appreciation Sundowner

Latest in cutting edge research covering advances in sheep and cattle production and welfare, nitrogen fixation, meat science, acid and drought tolerant crops of the future, non-wetting soils, carbon economy, crop and pasture disease management plus much more

Free admission, everyone welcome



RSVP to VLSevents@murdoch.edu.au
by Friday 26 August 2016

Parking Carpark 9, Nyarrie Drive,
Murdoch University, South Street,
Murdoch, 6150



Murdoch Agricultural Research Symposium Program

Friday 2nd September 2016



9.30 - 10.00 Registration and morning coffee/tea

Plenary sessions	Speaker	Topic
10.00 - 10.10	Vice Chancellor Eeva Leinonen	Welcoming address
10.10 - 10.25	DG DAFWA Mark Webb	The future of Agriculture research in WA & official launch of Crop and Pasture Sciences major
10.25 - 10.40	John Howieson	Pastures production in a climate variable future
10.40 - 10.55	Andrew Thompson	More ewes, more lambs
10.55 - 11.10	David Penthick	Are Ewe Tough? The future of MSA sheepmeat
11.10 - 11.25	Richard Harper	A Carbon Economy- future demands on agriculture

Emerging Scientists Hour of Power	Speaker	Topic
11.25 - 11.30	Graham Gardener	Introduction
11.30 - 11.35	Amy Lockwood	Effect of mob size and stocking rate on lamb yield
11.35 - 11.40	Jing Juan	Markers for wheat grain yield improvement under drought
11.40 - 11.45	Emily Grant	Predicting flystrike from the lounge chair
11.45 - 11.50	Tim Haskett	Evolution of rhizobia via gene transfer
11.50 - 11.55	Rachel O'Reilly	Lamb or Hogget - What Aussies, Chinese and US consumers confirmed
11.55 - 12.00	Sarah Stewart	The impact of stress in lambs on meat quality
12.00 - 12.05	Felipe Burgos	How much N does your crop need? - remote sensing N levels with drones
12.05 - 12.10	Maddison Corlett	Lamb meat colour stability
12.10 - 12.15	Simon Yeap	The impact of water repellency on nutrient availability and crop nutrition
12.15 - 12.20	Steve Connaughton	Accuracy of X-rays to determine lamb yield
12.20 - 12.25	Mirza Nazim Ud Dowla	Phenology genes for better adaptation and yield of wheat in rainfed agriculture
12.25 - 12.30	Tom Edwards	What do we want from perennial legumes in sheep production?

12.30 - 13.15 Lunch

Concurrent sessions	Concurrent Session 1- Production Animal Science		Concurrent Session 2- Crop and Pasture Science	
	Speaker	Topic	Speaker	Topic
13.15 - 13.15	Peter McGilchrist	Shedding the light on dark cutting in WA beef	Richard Bell	Nutrient management to decrease crop stress caused by drought and frost
13.30 - 13.45	Serina Hancock	Late break?- Grazing cereals to fill the feed gap	Giles Hardy	Key fungal diseases in agricultural crops in WA
13.45 - 14.00	Graham Gardener	Objective carcass measurement technologies for the meat industry	Jason Terpololli	Keeping N fixation optimised by engineering genetic stability in rhizobia
14.00 - 14.15	David Miller	On-farm/pre-export welfare	Kirsty Bailey	Breaking the mould - reducing post harvest grain losses
14.15 - 14.30	Khama Kelman	Does the meat that's good for you taste good too?	Yong Jia	Acid soil tolerant barley - quantum leap for yield in Western Australia

14.30 - 15.00 Afternoon Tea

Concurrent sessions	Concurrent Session 1- Production Animal Science		Concurrent Session 2- Crop and Pasture Science	
	Speaker	Topic	Speaker	Topic
15.00 - 15.15	Fiona Anderson	Breeding sheep that give more meat	Camilla Hill	Maximise barley yield potential by manipulating phenology genes
15.15 - 16.00	Sarah Blummer	Fat for robustness in Ewes	Yonglin Ren	Postharvest Biosecurity, Food Safety and Market access
16.00 - 16.15	Caroline Jacobson	Recent developments in emerging parasites and impacts on sheep production	Yong Han	Genome editing - new frontier for future crop improvement
16.15 - 16.30	Anne Barnes	Health and Welfare monitoring of exported sheep	Brad Nutt	New serradella, biserrula and legumes for pasture in mixed farming systems
16.30 - 16.45	Mike Lawrence	Pain management during castration	Sofie de Meyer	New microbes for N fixation in legumes in ag. production systems

Finale	Speaker	Topic
16.45 - 17.00	Chengdao Li	Good barley for good beer
17.00 - 17.05	DVC Research David Morrison	Close

17.05 - 18.30 Barley appreciation sundowner