

2019 Student Conference – Gatton

Day 1 – Monday 21 October 2019 - Venue 8255-105

Session / Time	Presenter	Course Code	Title	Supervisor	
1	8:00	Yi Ding	AGRC7611	The Rock lobster industry in Australia	Ammar Abdul Aziz
	8:15	Reith Parker	AGRC7611	Animal Welfare Regulatory Risk in Australian Ruminant Livestock Production	Ammar Abdul Aziz
	8:30	Han Wang	AGRC7611	Review of the agricultural practices for the cotton industry in the northwest inland cotton-growing area of China	Ammar Abdul Aziz
	8:45	Ling Yan	AGRC7611	Review of the Development of Flower E-commerce in China	Ammar Abdul Aziz
	9:00	Guanming Wang	AGRC7611	How electronic technology will influence agriculture in the future.	Phillip Currey
	9:15	Qing Sheng	AGRC7611	Research on Honey Fraud in China	Rajendra Adhikari
	9:30	Sokhomony SIn	AGRC7611	Agribusiness Small and Medium Enterprises (SMEs)c Access to Financial Services in ASEAN countries: A review	Anoma Ariyawardana
	9:45	Hayden Morris	AGRC7611	Review of Consumers Attitudes, Perceptions and Behaviours towards Imported Seafood products from Asia	Anoma Ariyawardana
10:00 - 10:25		BREAK – Morning Tea			
2	10:30	Meab Mdimi	AGRC7618	Opportunities for capturing greater nutritional outcomes for peri-urban households of Dodoma city, Tanzania	Anoma Ariyawardana
	10:45	Yuxin Wang	AGRC7611	Chinese consumers' perceptions of milk safety issue based on actions implemented by government and milk companies in China: A Review	Anoma Ariyawardana
	11:00	Umar Abubakari	AGRC7611	Disentangling approached to E-extension: Mapping the Terrain	Severine Van Bommel
	11:15	Emily McKechnie	AGRC7618	Community Use of a Landscape Approach to Wild Dog Control	Severine Van Bommel
	11:30	Yiwei Chen	AGRC7618	Efficacy of Oxfendazole and Piperazine against small strongyles of horses and subsequent egg reappearance period	Anne Beasley
	11:45	Ziwei Wang	AGRC7617	Efficacy of three combination anthelmintic products against equine cyathostomins in Australia	Anne Beasley
	12:00	Hasanain Ali Abed Al-Gburi	AGRC7618	Effect of protease enzyme on egg production, eggshell quality and gut microbial profile of laying hens	Elham Assadi Soumeh

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Session / Time	Presenter	Course Code	Title	Supervisor	
12:15 - 12:55					
BREAK - Lunch					
3	13:00	SiYuan Zhang	AGRC7617	The effectiveness of probiotics Fermented Herb Extract (FHE) on both forage and grain feedlot diets (Multikraft) and forages (Brome grass) by in vitro fermentation	Sarah Meale
	13:15	Bwalya Nkole	AGRC7618	The Growth Performance, Organ Development and Gut Morphology of Broiler Chickens under Thermoneutral and Heat Stress Conditions	Elham Assadi Soumeh
	13:30	Yunjia Yang	AGRC7617	Targeted and Non-targeted Metabolomics in Broiler Chicken Plasma Under Thermoneutral and Heat Challenge Conditions	Elham Assadi Soumeh
	13:45	Kai Li	AGRC7618	Links between heat stress and health status of cows	John Gaughan
	14:00	Hao Xiang	AGRC7618	Validation of the Dairy Heat Load Index	John Gaughan
	14:15	Raagini Kanjithanda	AGRC7618	The ecology and control of Black Rat (<i>Rattus rattus</i>) populations at the Port of Brisbane, Australia	Luke Leung
	14:30	Nan Jin	AGRC7618	Surveying morphometric characteristics and the disease status of wild dogs in south-east Queensland	Peter Murray
14:45 - 15:10					
BREAK – Afternoon Tea					
4	15:15	Shruti Shrotri	AGRC7617	Oestrous cycle of the captive southern hairy nosed wombats as assessed by urinary steroid metabolites	Steve Johnston
	15:30	Jiaheng Li	AGRC7617	Organic acids and probiotics as substitutes for antibiotic growth promoters in broilers	Wayne Bryden
	15:45	Han Dang	AGRC7617	The effects of dietary lauric acid on growth performance of broiler chickens	Xiuhua Li
	16:00	Yunyi Liang	AGRC7617	Probiotics and organic acid as alternatives to antibiotic growth promoter in broiler diets	Xiuhua Li
	16:15	Oluwafemi Oshodi	AGRC7618	Making safe silage from cassava leaves	Karen Harper

2019 Student Conference – Gatton

Day 2 – Tuesday 22 October 2019 - Venue 8178-103

Session Time	Presenter	Course Code	Title	Supervisor	
1	9:00	Cheuk Him Nicholas Ng	AGRC4614	Phylogenetic analysis of Australian psyllids in preparation for potential incursions of <i>Candidatus Liberibacter</i>	Anthony Young
	9:15	Isabelle Johansen	AGRC4614	Biomass partitioning and growth parameters of genetically modified sorghum with higher protein and larger grain	Ian Godwin
	9:30	Dawson Henricks	AGRC4614	Determining the potential use of Molybdenum (Mo) as a tracer to quantify fertiliser Phosphorus (P) recovery from the soil	Mike Bell
	9:45	Belinda Weber	AGRC4614	The potential for infra-red thermography to indicate feed efficiency in young bulls	Karen Harper
	10:00	Madeliene Facy	AGRC4614	Quantifying heterosis using genomics in popplewell composite beef cattle	Mark Dieters
	10:15	Melody Thomson	AGRC4614	Hidden Gems: are ground pearls causing Pasture Dieback	Anthony Young
	10:30	Sophie Dansie	AGRC4614	The Response of Garlic (<i>Allium Sativum L.</i>) seed-bulbs to Pre-planting Cold Temperature Storage	Robyn Cave
10:45 - 11:10		BREAK – Morning Tea			
2	11:15	Jane Dunn	AGRC4614	A comparative study of the growth and nutritional value of original and newer cultivars of Rhodes grass (<i>Chloris gayana</i>)	Shane Campbell
	11:30	Shaun Hudson	AGRC4614	Investigating the influence of temperature and pH on the release of hydrogen cyanide from Cassava tissues	Shane Campbell
	11:45	Justin Macor	AGRC4614	Long-term changes in native pasture composition in North Queensland under different grazing management strategies	Shane Campbell
	12:00	Peta Stockwell	AGRC4614	Phosphorus metabolism in the muscle of growing weaners.	Simon Quigley
	12:15	Ciara O'Brien	AGRC4614	The Effectiveness of Stem-Injected Chemical and Biological Herbicides for the Management of Invasive Woody Weeds on Franklin Vale Creek, Spicers Hidden Vale	Victor Galea
	12:30	Amy Bentley	AGRC6650	Probiotic supplementation and the amelioration of stress in weanling horses	Anne Beasley

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Day 2 – Tuesday 22 October 2019 - Venue 8178-103

Session Time	Presenter	Course Code	Title	Supervisor
12:45	Brittany Nurse	AGRC6650	The effects of using the lunge and automated horse walker as exercise techniques on the <i>splenius</i> and <i>biceps femoris</i> muscles in the horse.	Rebeka Zsoldos
13:00 - 13:40		BREAK - Lunch		
13:45	Darwin Horyanto	AGRC6650	Impacts of Heat Stress on Growth Performance, Ileal Nutrient Digestibility and Meat Quality on Broiler Chickens Fed Standard vs Reduced Crude Protein Diets	Elham Assadi Soumeh
14:00	Jacoba Madigan-Stretton	AGRC6001	Super-dosing of multi-enzymes in reduced energy diets of broiler chickens: impacts on growth and gut health	Elham Assadi Soumeh
14:15	Thomas Lally	AGRC6001	The relationship between BioCondition, small and medium-sized mammals and other landscape variables	Peter Murray
14:30	Ying-Hsu Liao	AGRC7618	Impact of fallow frequency on soil aggregation and water stability	Alwyn Williams
14:45	Roy Govinden	AGRC7618	Evaluating the effects of crop row spacing and weed control treatments on the management of turnip weed [<i>Rapistrum rugosum</i> (L.) All.] in wheat [<i>Triticum aestivum</i> L.]	Bhagirath Singh Chauhan
15:00	Munkhjargal Nyamsuren	AGRC7618	The effect of stubble management on aggregated distribution and associate wind erodibility	Gunnar Kirchhof
15:15	Arisede Chisaka	AGRC7618	Identification of new maize single cross testers for CIMMYT Heterotic Group B maize germplasm adapted to Mid-Altitudes	Mark Dieters
15:30 - 15:55		BREAK – Afternoon Tea		
16:00	Alina Naa Densua Alberto Djanie	AGRC7618	The effect of heat treatment (hot water & dry heat) and drip-line placements on the yield and quality of garlic (<i>Allium sativum</i>)	Robyn Cave
16:15	Yimeng Li	AGRC7618	The effect of air nanobubble in distilled water on the growth of hydroponic lettuce	Robyn Cave
16:30	Paawan Sood	AGRC7618	Farmers' perception on pesticide use practices and poisoning in India	Severine Van Bommel
16:45	Liu Shi	AGRC7618	Using pre-treatments to improve seed-based restoration outcomes	Steve Adkins

2019 Student Conference – St Lucia

Day 3 – Thursday 24 October 2019 - Venue 39A-209

Session and Time	Presenter	Course Code	Title	Supervisor	
1	9:00	Shiyi Li	FOOD4618	Encapsulated probiotics using a double emulsion and the impinging aerosols method in thickened skim milk and yogurt	Bhesh Bhandari
	9:15	Jia Wen Tey	FOOD4618	How does Australian pork taste? A project to improve the flavour of pork for Asia-Pacific consumer.	Eugeni Roura
	9:30	Thomas Hay	FOOD4618	New product development of bushfood confectionery: Desirability and commercial viability	Melissa Fitzgerald
	9:45	Kang Wei Cher	FOOD4618	3D Printing Sea Cucumber	Sangeeta Prakash
	10:00	Joseph Nastasi	FOOD6001	The Characterisation of the Bunya Nut and its Functional Properties for New Product Development	Melissa Fitzgerald
10:15 - 10:40 BREAK – Morning Tea					
2	10:45	Rafael Jode Nguenha	FOOD7617	Effect of carotenoids content and 430-nm LED array photosensitization on inactivation of <i>Aspergillus flavus</i> and aflatoxin B1 formation in maize.	Yasmina Sultanbawa
	11:00	Mengfan Cao	FOOD7618	Genome analysis of the cheese fermenting bacterium <i>Lactococcus</i>	Mark Turner
	11:15	Wen Shi	FOOD7618	The effect of c-di-AMP on the stress resistance of <i>Lactococcus lactis</i>	Mark Turner
	11:30	Runzhe Li	FOOD7618	Comparing the quality of different rice varieties from the wet season in Queensland grown on research station	Melissa Fitzgerald
	11:45	Xing Xin	FOOD7618	Comparing physical qualities of rice grown in north Queensland	Melissa Fitzgerald
	12:00	Wei Li	FOOD7618	Survival of probiotics in the localised microenvironment of 3D printed food	Bhesh Bhandari
	12:15	Yu-Jen Lu	FOOD7618	Multiple-foaming properties of milk	Minh Thao Ho
12:30 - 13:10 BREAK - Lunch					

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Day 3 – Thursday 24 October 2019 - Venue 39A-209

Session Time	Presenter	Course Code	Title	Supervisor
13:15	Jiadi Zhao	FOOD7618	Acid gelation of camel milk	Minh Thao Ho
13:30	Jinlei Zhu	FOOD7618	Effect of heat and pH-treatment conditions on properties of rehydrated whey protein powder	Minh Thao Ho
3 13:45	Ruiliang Fan	FOOD7618	Defining the Texture of the food by 'softness' and 'stickness' and Industrial Methods	Sangeeta Prakash
14:00	Kirti Mittal	FOOD7618	3D Printing of Broccoli and Pumpkin Seed	Sangeeta Prakash
14:15	Yuanyuan Xie	FOOD7618	3D printing of French fries from potato and tapioca starch	Sangeeta Prakash
14:30	Yixiao Wu	FOOD7617	The development of Nannochloropsis sp. in food area	Peer Schenk
14:45	Shanmugam Alagappan	FOOD7618	Interaction of Polyphenols with Soluble Dietary fibres	Sushil Dhital

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Day 4 – Friday 25 October 2019 - Venue 39A-209

Session and Time	Presenter	Course Code	Title	Supervisor	
1	9:00	Julie Sosso	AGRC6001	Prevalence of endophytes in macadamia plants in Australian nurseries	Olufemi Akinsanmi
	9:15	Celina Lim	AGRC6001	Effects of nitrogen fertiliser on growth and nodulation of <i>Milletia pinnata</i>	Brett Ferguson
	9:30	Alexandria Mattinson	AGRC6001	Induction of Novel CLE peptide Hormones in Response to Pathogen Infection of <i>P. vulgaris</i>	Brett Ferguson
	9:45	. Arzoo	AGRC7618	Identification, genetic characterization and phylogenetic analysis of CLE peptides in algae, mosses and chickpea using bioinformatics tools	Brett Ferguson
	10:00	Zhouyang Su	AGRC7618	Relationship between Fusarium crown rot resistance and drought tolerance at gene levels in wheat and barley	Chunji Liu
	10:15	Yiyang Xiao	AGRC7618	Impact of Rootstock on early growth in macademia	Craig Hardner
	10:30	Yang Ang	AGRC7618	Assessing pathogenicity of <i>Fusarium oxysporum</i> on watermelon	Elizabeth Aitken
10:45 - 11:10 BREAK – Morning Tea					
2	11:15	Shubhdeep Kaur	AGRC7618	Analysis of SIX gene expression of endophytic <i>Fusarium oxysporum</i>	Elizabeth Aitken
	11:30	Zhendong Liu	AGRC7618	Characterization of a series of endophytic Fusarium species on Banana plants	Elizabeth Aitken
	11:45	Xiangyu Ni	AGRC7618	The role of SIX7 gene in <i>Fusarium oxysporum</i> f.sp. <i>ubense</i> subtropical race 4 for virulence towards Cavendish banana	Elizabeth Aitken
	12:00	Yongshen Wu	AGRC7618	Impact of low and high temperature on the physiological characteristics and yield of rice under aerobic conditions	Jaquie Mitchell
	12:15	Xiaolu Zhang	AGRC7618	Root angle and early vigour in rice plants under aerobic conditions	Jaquie Mitchell
	12:30	Orita Faleatua	AGRC7617	Genotypic variation and relationships among morphological traits contributing to maintenance of rice yield exposed to abiotic stress	Jaquie Mitchell
	12:45	Rui Yan	AGRC7617	Physiological mechanisms contributing to low-temperature tolerance under aerobic conditions	Jaquie Mitchell

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Day 4 – Friday 25 October 2019 - Venue 39A-209

Session Time	Presenter	Course Code	Title	Supervisor
13:00 - 13:40				
BREAK - Lunch				
13:45	Abhishek Soni	AGRC7618	Management of invasive <i>Navua</i> sedge (<i>Cyperus aromaticus</i>) using competition and simulated herbivory interactions of Humidicola grass (<i>Brachiaria humidicola</i>) and Rhodes grass (<i>Chloris gayana</i>)	Kunjithapatham Dhileepan
14:00	Chengxi Huang	AGRC7618	Isolation and characterization of the core bacterial taxa associated with banana	Paul Dennis
14:15	Shruti Thapa	AGRC7618	Use of Plant Growth Promoting Rhizobacteria for the biological control of <i>Phytophthora capsici</i> in Snap beans (<i>Phaseolus vulgaris</i>)	Peer Schenk
14:30	Sijia Xu	AGRC7618	Seed bank dynamics of <i>Avena sterilis</i> ssp. <i>ludoviciana</i> under different tillage systems practices in the north-eastern grain region of Australia	Steve Adkins
14:45	Zhetian Zhang	AGRC7618	Identifying Pastoral Species for Local Soil Types for Outcompeting and Suppressing Fireweed	Steve Adkins
15:00	. Shamli	AGRC7618	Testing alternative host opuntia species as a potential target for biocontrol agents (<i>Dactylopius SP.</i>) previously established in Queensland	Steve Adkins
15:15	Azalia Renee Rodriguez	AGRC7618	Fur seal and sea lion vulnerability and resilience to climate change	Nathalie Butt
15:30	Michael Walsh	FOOD7618	Towards the circular nutrient economy – recycling nutrients from wastes as next-generation fertilisers.	Susanne Schmidt