

# You're invited: Beef industry breakfast



## Smart \$pending on superb science

**Venue** Rivershed, Howard Smith Wharves  
5 Boundary Street, Brisbane, Queensland

**Date** Tuesday, 31 March 2020

**Time** 6:45am – 9am

### Investing in transformational change

The Australian beef industry is constantly working towards increased productivity and profitability through better management – but what science, technologies and practices are going to get us there?

Join MLA at this beef industry breakfast to hear about the investments that are delivering 'transformational change' for Australian beef.



#### Welcome



##### Michael Crowley

Michael is MLA's General Manager for Research, Development and Adoption (RD&A). This portfolio includes investment in livestock productivity, genetics and feedbase RD&A, as well as regional consultation and Meat Standards Australia.

#### Facilitator



##### Professor Wayne Bryden (UQ)

Wayne is the Foundation Chair in Animal Science at the University of Queensland and is a registered Animal Nutritionist. His research interests include nutrition of monogastric animals and nutritional toxicology of all domestic species.

#### Speakers



##### Dr Simon Quigley (UQ)

**Pathways into and out of the hypothalamus (a small but important area of the brain) that control feed intake under both protein-deficient and phosphorus-deficient diets – and what can be done to increase intake.**

Simon is a Senior Research Officer in the School of Agriculture and Food Sciences UQ. His main research interests are ruminant nutrition and metabolism within the context of the northern Australian beef industry.



##### Dr Nick Hudson (UQ)

**The role of mitochondria (organelles in cells) in rumen wall and muscle cells in determining which animals are likely to gain weight faster (and therefore become 'better doers'), and if this can be detected and/or measured at an early age.**

Nick worked for CSIRO in a multi-disciplinary Systems Biology group before joining the School of Agriculture and Food Sciences UQ. Nick has been instrumental in developing methods using various RNA/DNA-based biotechnologies to predict phenotypes of commercial importance in cattle, sheep, pigs and chickens.



##### James Volmer (UQ)

**Methanogens (microorganisms that produce methane) in humans, what causes them to thrive, their impact on health, and what might be done to reduce their impact – with reference to and comparison with ruminants.**

James is a second-year PhD candidate studying at the Diamantina Institute UQ. He's focused on methane-producing microbes resident in the gastrointestinal tract of animals to better define and manage them in agriculture and medicine.

#### REGISTRATION

Register at [mlabreakfast0320.eventbrite.com.au](http://mlabreakfast0320.eventbrite.com.au)

Go to [howardsmithwharves.com/location](http://howardsmithwharves.com/location) for travel and parking options.

#### More information

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