



CQU AT BEEF AUSTRALIA 2024

CQUNIVERSITY TRADE STALL

You'll find the CQUniversity booth in the Robert Schwarten Pavilion at site R22-23.

Meet with leading CQU researchers and teaching staff across a range of disciplines, from agriculture to health, at our daily Ask an Expert sessions, see the program from [page 2](#).

Dates: Monday, 6 May – Friday, 10 May 2024

Times: 8.30 am – 5 pm

Location: Site R22-23, Robert Schwarten Pavilion, Rockhampton Showgrounds

Visit cqu.edu.au/beef24 for information on planning out your visit and how to book tickets.

PROPERTY TOUR AT CENTRAL QUEENSLAND INNOVATION AND RESEARCH PRECINCT (CQIRP)

Visit our Central Queensland Innovation and Research Precinct for a behind-the-scenes look at the latest in livestock technologies.

Date: Wednesday, 8 May 2024

Time: 8.30 am to 1 pm

Location: CQU Central Queensland Innovation and Research Precinct (CQIRP), departing from Rockhampton Showgrounds

Cost: \$149

Visit cqu.edu.au/beef24 for more information and to secure your tickets.

PATHWAYS, PAY-CHEQUES, AND PASSION: THE ADVENTURE OF BECOMING AN AGRICULTURAL PROFESSIONAL SEMINAR

Hear from a panel of industry speakers as they discuss their diverse roads to success, including the financial rewards on offer, the huge variety of jobs to choose from, and the ability to travel across Australia and around the world. With 172 000 jobs currently available, there's never been a better time to upskill and carve out an exciting and rewarding career in Australia's agriculture sector.

Date: Thursday, 9 May 2024

Time: 2 to 3.30 pm

Location: James Lawrence Pavilion A, Rockhampton Showgrounds

Cost: Free – Ticket required

Visit cqu.edu.au/beef24 for more information and to secure your tickets.

BE WHAT YOU WANT TO BE

cqu.edu.au

ASK AN EXPERT AT THE CQUNIVERSITY TRADE STALL

WHEN	CQU EXPERT	TOPIC	WHO SHOULD COME AND CHAT WITH US?
Monday, 6 May 2024			
9 am	Jane Barker, Research Officer and Dr. Thom Williams, Research Fellow, Precision Livestock Management	TNQ Drought Hub AgValuate Jane and Thom will run through the TNQ AgValuate Platform to help producers understand what tech to adopt.	Producers looking to decide on and understand what tech to adopt.
10 am	Dr. Anita Chang, Senior Postdoctoral Research Fellow and Justin Macor, CQU PhD Candidate	Being a student researcher in the USA, is it worth doing? Anita Chang and Justin Macor will share their experience's of working in beef research in the USA and provide some tips and tricks on how to make it happen.	Any research students thinking they might like to work towards doing some of their work in the USA.
11 am	Professor Mark Trotter, Professor, Precision Livestock Management	Which smart tag should I buy for my particular operation? The PLM team at CQU have been testing all the smart tags on the market and have significant insights into which will work best in different situations. If you are thinking of investing in this technology come along and discuss it with them first!	Any producers looking into buying a smart tag.
12 pm	Dr. Tienieke Trotter, Lecturer, Agriculture	Emerging Tropical Forages and Dual Purpose Crops The Cropping Research Team at CQUniversity are exploring range of new dual purpose and forage crops. Come along and learn about how peanuts can be useful as both a food crop and for grazing livestock.	Producers looking to diversify existing operations.
1 pm	CQUniversity Bachelor of Agriculture students, Kimberley Bland and Riley Keys	Chat with current Agriculture students and find out what its like studying with CQU and the opportunities available to you!	Anyone interested in studying agriculture.
2 pm	Catriona Pearce Central Queensland Regional Beef Research Committee Chair and Dr. Thom Williams, Research Fellow, Precision Livestock Management	Meet your Regional Beef Research Committee Chair – CQ Catriona Pearce Do you want to influence the future Research and Development priorities for the Northern Beef Industry? The North Australian Beef Research Committee (NABRC) sets the agenda for research priorities in the beef industry and guides MLA investment. Each region sets its own priorities through Regional Beef Research Committees. This is your opportunity to meet with your local committee chair and provide feedback.	An opportunity to meet your local Regional Beef Research Committee Member alongside a researcher to provide feedback on what research priorities are required.
3 pm	Priscila Bernardes, Senior Postdoctoral Research Fellow, Precision Livestock Management	Get connected Brazil and Australia Some of the key researchers in the CQUniversity Livestock Research Team are originally from Brazil. If your visiting from Brazil and are keen to make some local contacts or if you just want to test out your Portuguese come along and meet the team.	Any Brazilians that are visiting beef week can make the connection through CQU with our local exp-pat researchers.
Tuesday, 7 May 2024			
9 am	Dr. Simon Quigley, Professorial Research Fellow, Livestock and Animal Science	Livestock Feeding Systems Professor Simon Quigley is an expert in Ruminant Nutrition, if you have questions about how to get the best out of your cattle from a feeding perspective Simon can help guide you in the right direction.	Any producers or industry keen to get some detail around ruminant nutrition and feeding systems.
10 am	Professor Delwar Akbar, Director, Centre for Regional Economies and Supply Chains and Professor John Rolfe, Professor, Regional Economic Development	MEAT Capricorn Project –The viability of a small-scale, multi-species abattoir in Central Queensland	Specialist meat producers in Central Queensland.
10 am	Dr. Karen Harper, Associate Professor, Agriculture, Science and Environment	New research into pasture quality testing – where does the industry need to go next and what's happening in this space? Assoc Prof Harper's research has focused on ruminant nutrition and tropical pastures including projects to reduce methane emissions by supplementing feed with dietary lipids, dairy cattle nutrition in sub-tropical Australia and probiotic supplements. She has also worked on research projects in Indonesia, Myanmar and across Africa.	Anyone interested in emerging technologies for measuring pasture quality.

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Tuesday, 7 May 2024 continued

11 am	Catriona Pearce Central Queensland Regional Beef Research Committee Chair and Dr. Thom Williams, Research Fellow, Precision Livestock Management	Meet your Regional Beef Research Committee Chair - Central Qld Catriona Pearce Do you want to influence the future Research and Development priorities for the Northern Beef Industry? The North Australian Beef Research Committee (NABRC) sets the agenda for research priorities in the beef industry and guides MLA investment. Each region sets its own priorities through Regional Beef Research Committees. This is your opportunity to meet with your local committee chair and provide feedback.	An opportunity to met your local Regional Beef Research Committee Member alongside a researcher to provide feedback on what research priorities are required.
12 pm	Carlos Maglietti, CQU PhD Student, Michael Thomson, Extension and Engagement Manager and Dr. Karen Harper, Associate Professor, Agriculture, Science and Environment	The Argentinian Connection Some of the key researchers in the CQU University Livestock Research Team are originally from Argentina. If your visiting from Argentina and are keen to make some local contacts or if you just want to test out your Spanish come along and meet the team.	Any Argentinians that are visiting beef week can make the connection through CQU with our local expat researchers.
1 pm	CQU University Bachelor of Agriculture students, Kimberley Bland and Riley Keys	Chat with current Agriculture students and find out what its like studying with CQU and the opportunities available to you!	Anyone interested in studying agriculture.
2 pm	Dr. Diogo Costa, Senior Research Officer, Precision Livestock Management	Measuring and Mitigating Methane Diogo Costa leads CQU University's methane mitigation research. A key project he leads is exploring how additives, directly injected into drinking water can reduced methane emissions for cattle in extensive grazing environments.	Producers interested in methane emission mitigation in rangeland environments.
2 pm	Richard Cox, South East Queensland Regional Beef Research Committee Chair and Professor Mark Trotter, Professor, Precision Livestock Management	Meet your Regional Beef Research Committee Chair – SE Qld Richard Cox Do you want to influence the future Research and Development priorities for the Northern Beef Industry? The North Australian Beef Research Committee (NABRC) sets the agenda for research priorities in the beef industry and guides MLA investment. Each region sets its own priorities through Regional Beef Research Committees. This is your opportunity to meet with your local committee chair and provide feedback.	An opportunity to met your local Regional Beef Research Committee Member alongside a researcher to provide feedback on what research priorities are required.
2 pm	Sherrie Lee, Associate Lecturer in Nursing	CQU University's Bachelor of Bachelor of Nursing Chat with our nursing team and find out where a career in nursing can take you.	Anyone interested in a career in Nursing.
3 pm	Rebecca Burnham, Nuffield Scholar and Professor Mark Trotter, Fulbright Scholar	Study scholarships for producers, students and industry, from Nuffield's to Fulbright's	Any producers, researchers or industry experts keen to develop themselves through a study scholarship program like the Nuffield or Fulbright schemes.
3 pm	Associate Professor Amy Cosby, Senior Research Fellow, Agri-tech Education and Extension	Farming and Fatigue: growing sensible solutions + Agricultural Education	Anyone who manages people on farms and is interested in fatigue management. Plus, anyone in industry, or primary or secondary school teachers interested in agricultural education initiatives to encourage an interest in agricultural careers.
4 pm	Dr. Elise Crawford, Senior Lecturer, Occupational Health and Safety	Health, Safety and Wellbeing in the Agricultural Industry through Good Work Design + CQU University's Safety Sciences Courses	Prospective students and/or farmers and those working in agriculture.

Wednesday, 8 May 2024

9 am	Luke Heales, Senior Lecturer, Physiotherapy	MSK injuries from repetitive strain in the workforce + CQU University's Bachelor of Physiotherapy (Honours)	Anyone in a role with repetitive use, plus anyone interested in a career in Physiotherapy.
10 am	Justine Connor, Head of Course, Bachelor of Nursing	CQU University's Bachelor of Bachelor of Nursing Chat with our nursing team and find out where a career in nursing can take you.	Anyone interested in a career in Nursing.
11 am	Justine Hamilton, Head of Course and Senior Lecturer, Speech Pathology	CQU University's Bachelor of Speech Pathology (Honours) Cognitive effects of concussions on work, school and daily living.	Anyone interested in a career in Speech Pathology, plus anyone involved in horseback riding or bull riding and their families.

WHEN	CQU EXPERT	TOPIC	WHO SHOULD COME AND CHAT WITH US?
Wednesday, 8 May 2024 continued			
12 pm	Dr. Romeo Batacan, Senior Lecturer, Medical Science and Regional Medical Pathway Students William Lauga and Sarah Prasla	CQUniversity's Regional Medical Pathway, Medical Science and Medical Laboratory Science Courses Chat with our Regional Medical Pathway Students about their studies and have your blood pressure checked.	Anyone interested in a career in the medical field or wanting to chat about general health.
2 pm	Rob Pearce WQ RBRC Chair and Professor Mark Trotter	Meet your Regional Beef Research Committee Chair - Western Qld Rob Pearce Do you want to influence the future Research and Development priorities for the Northern Beef Industry? The North Australian Beef Research Committee (NABRC) sets the agenda for research priorities in the beef industry and guides MLA investment. Each region sets its own priorities through Regional Beef Research Committees. This is your opportunity to meet with your local committee chair and provide feedback.	An opportunity to meet your local Regional Beef Research Committee Member alongside a researcher to provide feedback on what research priorities are required.
2 pm	Jessica Birt, Associate Lecturer in Nursing	CQUniversity's Bachelor of Bachelor of Nursing Chat with our nursing team and find out where a career in nursing can take you.	Anyone interested in a career in Nursing.
3 pm	Dr. Ben Peterson, Head of Course and Senior Lecturer, Podiatry and Jamie Pritchard, Podiatry Clinical Supervisor	CQUniversity's Bachelor of Bachelor of Podiatry Chat to the CQU Podiatry about problems affecting the feet and the legs, such as foot problems at work, sporting injuries, shoes and work boots, and skin and nail problems.	Anyone interested in learning more about a career in podiatry and the injuries podiatrist treat. Plus anyone keen to chat about looking after your leg and foot health in the workplace.
4 pm	Dr. Gemma Mann, Senior Lecturer and Access Coordinator	Pathways to university with Skills for Tertiary Education Preparatory Studies (STEPS) at CQU + Creating an LGBTIQ+ inclusive workplace	Anyone looking to study at university who may not meet entry requirements for their desired course, is returning after some time away, or wants to build confidence and skills to succeed in their chosen degree; including school leavers, people who did not complete Grade 12, mature age students, or if you desire a change in career.
Thursday, 9 May 2024			
9 am	Dr. Anita Chang, Senior Postdoctoral Research Fellow	Technical Series for Developers - Detecting Calving using sensors Anita Chang has led CQUniversity's research into the development of sensors for detecting calving in beef cattle. Anita has published numerous papers exploring how GPS and accelerometer data can be used to identify behaviours associated with parturition.	On-animal sensor companies wishing to develop algorithms for calving detection.
9.30 am	Justin Macor, CQU PhD Candidate	Sensor-based detection of dystocia and degree of difficulty in calving Justin Macor is completing his PhD into the use of sensors to quantify dystocia and the degree of difficulty experience by the cow during parturition.	On-animal sensor companies wishing to develop algorithms for dystocia detection or researchers involved in this field.
10 am	Dr. Thom Williams, Research Officer, Precision Livestock Management	New and emerging phenotyping tools for Northern Australian cattle Dr. Thom Williams leads CQUniversity's research in phenomics. This program is particularly focused on the automated collection of data from cattle in extensive grazing situations. It also aims to develop measures for novel traits such as heat stress tolerance and grazing distribution.	Producers and industry interested in understanding what tools are being developed to automate the collection of existing and novel traits in genetic evaluation programs in Northern Australia.
11 am	Dr. Cara Wilson, Senior Research Officer, Precision Livestock Management	The next generation of traceability in the livestock industry Dr. Cara Wilson has led a project exploring how sensors can be applied to link on-farm animal behaviour with meat processing outcomes. It has also explored how these sensors might be developed as part of future national traceability programs.	Beef producers, meat processors, cattle transport companies, tech developers.
12 pm	Jim Kinder, Adjunct Professor and Professor Mark Trotter, Professor, Precision Livestock Management	Get Connected with Australia - USA Professor Jim Kinder is a leading researcher from Ohio State University and hold an adjunct position with CQUniversity. Any visiting industry representatives from the USA can drop by and meet with Jim and Professor Mark Trotter to discuss linkages with the USA across industry and academia.	Any Americans that are visiting beef week can make the connection through CQU with our local exp-pat researchers.

WHEN	CQU EXPERT	TOPIC	WHO SHOULD COME AND CHAT WITH US?
Thursday, 9 May 2024 continued			
1 pm	Dr. Tienke Trotter, Lecturer, Agriculture and Mani Naiker, Senior Lecturer, Chemistry	Honey bees and honey products: Bioactives in honey particularly as products of pollination in spice crops The cropping and chemistry researchers from CQUniversity have teamed up to explore what bioactive compounds honey might be harvesting from new and emerging spice crops.	Anyone interested in learning more about emerging research into how honey bees produce some of the most bioactive compounds known to science.
1 pm	CQUniversity Bachelor of Agriculture students, Kimberley Bland and Riley Keys	Chat with current Agriculture students and find out what its like studying with CQU and the opportunities available to you!	Anyone interested in studying agriculture.
Friday, 10 May 2024			
9 am	Jonathan Reid, CQU PhD Student	Technical Series for Developers - Detecting Oestrus using sensors Jonathan Reid is a PhD student exploring how oestrus related behaviours might be detected using on-animal sensors.	On-animal sensor companies or researchers seeking to understand how to use GPS and accelerometer data to detect oestrus in cattle.
9.30 am	Caleb Rykaczewski, PhD Student	Technical Series for Developers - Detecting Bull mating and breakdown Caleb Rykaczewski is a PhD student with Ohio State University looking into how sensors might be used to detect key bull behaviours and lameness within the breeding season.	On-animal sensor companies or researchers seeking to understand how to use data to detect bull mating activity.
10 am	Professor Mark Trotter, Professor, Precision Livestock Management	How to do collaborative research with a university as a Agtech startup There are many opportunities for industry to collaborate with universities but getting the relationship going and making it work for both parties can be a challenge. Mark Trotter has been involved in numerous industry research partnerships and will provide some key insights on how to get the best out of collaborations, as well as detailing the funding opportunities out there that can help make these happen.	Agtech companies interested in working out how they can tap into research funding opportunities and work with universities.
11 am	Jane Barker, Research Officer and Dr. Thom Williams, Research Officer, Precision Livestock Management	TNQ Drought Hub AgValuate Jane and Thom will run through the TNQ AgValuate Platform to help producers understand what tech to adopt.	Producers looking to decide on and understand what tech to adopt.
12 pm	Karen Smart, Head of Course and Lecturer, Oral Health	Beef up Your Smile CQUniversity's Bachelor of Oral Health + Key oral health information and tips on doing an oral cancer screening at home	Anyone interested in a career in Oral Health, plus anyone looking for great oral health tips.
12 pm	Michele Caines, VET Teacher in Nursing and Rachel Legros, Senior VET Teacher in Nursing	CQUniversity's Diploma of Nursing Chat with our nursing team and find out where a career in nursing can take you.	Anyone interested in a career in Nursing.
1 pm	Associate Professor Ryan Kift, Head of College Science and Sustainability	Health and safety hazards at your farm	Anyone interested in chatting about health and safety when working on farms.
1 pm	Jenn Stanley, Lecturer, Occupational Therapy	CQUniversity's Bachelor of Occupational Therapy (Honours) + Returning to work following farm related accidents	Anyone interested in a career in Occupational Therapy, or who would like to know more about the field. Plus anyone working in the agricultural industry.
2 pm	Carmen Barnard, Associate Lecturer in Nursing	CQUniversity's Bachelor of Bachelor of Nursing Chat with our nursing team and find out where a career in nursing can take you.	Anyone interested in a career in Nursing.
4 pm	Dr. Gemma Mann, Senior Lecturer and Access Coordinator	Pathways to university with Skills for Tertiary Education Preparatory Studies (STEPS) at CQU + Creating an LGBTIQ+ inclusive workplace	Anyone looking to study at university who may not meet entry requirements for their desired course, is returning after some time away, or wants to build confidence and skills to succeed in their chosen degree.

Ask an Expert program is subject to change. Current as of 3 May 2024

