

DairySA Innovation Day 2015

Powering Up Your Herd



Key speakers:

Brian Houin

Homestead Dairy Indiana USA

Dr Jennie Pryce

Department of Economic Development
and La Trobe University

Dr Richard Rawnsley

Tasmanian Institute of Agriculture

Dr Matthew Shaffer

Dairy Australia

Wednesday 20th May 2015

The Barn Palais, Mount Gambier, SA

Join the conversation!



Dairy SA



@Dairy_SA # DID15

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Closing session:

Gallagher

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DairySA Innovation Day 2015

Wednesday 20th May, 2015

Morning session

9:30 am Registration, morning tea and trade displays

10:00 am Louise Stock, Emcee, DairySA Welcome

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10:05 am James Mann, DairySA

DairySA update: DairySA delivers farmer-driven projects across SA covering many aspects of dairy farm business operation and industry development.

10:10 am Shane Hellwege,
Group Manager,
Industry People and Capability,
Dairy Australia

People in Dairy: Dairy Australia delivers a wide range of programs focused on developing skills and capability to the people resource in the dairy business. Shane Hellwege provides insights into some of the newer people programs including Stepping Stones and Stepping Up, eMe and farm safety.

Dr Matthew Shaffer,
Program Manager,
Genetics and Data Management,
Dairy Australia

Animal Genomics and Herd Improvement: Matt Shaffer overviews Dairy Australia's key work in the genetics area including where the focus is now and into the future. He sets the scene for the day and introduces the keynote topic of 'Genomics for the Future'.

10:40 am Dr Jennie Pryce, Department of
Economic Development & La Trobe
University with dairy farmer Brian
Houin, Homestead Dairy, Indiana, USA

Genomics for the Future – How can genomics help power up your herd?

This Q&A style session will provide an international perspective on the use of genomics in commercial female selection, optimising breeding programs and accelerating genetic gain.

11:45 am TAFE SA / NCDEA Graduate Presentation

12:00 pm Lunch

Take time over lunch to visit our generous sponsors' trade displays – discover some new information and grab a give-away or two!

Sponsored by Warrnambool Cheese & Butter

Concurrent sessions

There is a choice of attending two sessions of the three available OR attend just the 'Stepping up' session

Session A
1:00–1:50 pm
2.00–2.50 pm
At the Stage

Dr Richard Rawnsley,
Tasmanian Institute of Agriculture

Virtual dairy: what will the dairy farm of the future look like?

Dr Richard Rawnsley, Tasmanian Institute of Agriculture will take participants on a journey into the possible, the practical and the potential for dairy farming in Australia in the next 10 to 20 years. What technologies are in the pipeline and what will be their potential to power up your herd?

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Session B
1:00–1:50 pm
2.00–2.50 pm
The Steakhouse

Dr Matthew Shaffer,
Program Manager,
Genetics and Data Management,
Dairy Australia

New frontiers in herd improvement and genomics

Matt will discuss commercial applications and role of the national herd improvement taskforce. He will cover the national database including its benefits and how to access and use it on-farm, as well as industry herd improvement strategies and his views on animal genomics and where it is heading.

Sponsored by Heritage Seeds

Session C
1:00–1:50 pm
2.00–2.50 pm
The Foyer

Dr Jennie Pryce,
Department of Economic
Development & La Trobe University

Developments in genomics: Building on the morning's keynote presentation, Jennie will shine a light on the practical application of genomics in herd development: deciphering ancestry and breed, identifying novel breeding values, selecting replacements and controlling inbreeding.

Sponsored by South East Vets

Session D
1:00 –2:50pm
The Oaktree
Room
(This session
runs ONCE only)

DairySA's Penny Schulz facilitates the session with Jed Boshier, Michael Hawker and the Wallace Sisters.

Stepping up—career pathways and future planning in dairy

Journeys in dairy farming will be the focus of this session, ranging from study, building wealth, equity partnerships, working abroad and moving up the career ladder with South East locals, ex-locals or localish young dairy farmers Jed Boshier, Michael Hawker and the Wallace Sisters (Annalee McKinnon, Joanne Jones and Megan Bowering). This interactive workshop is open to all dairy people, particularly those planning their path in dairy and looking for first-hand accounts of experiences in a wide range of dairy industry roles. Dairy Australia's Sally Roberts will also be introducing the Stepping Stones resources specific to SA.

Sponsored by Sinclair Wilson

Powering Up Your Herd

Closing session

3:00pm Coffee & Tea

3:15 pm Brian Houin,
Homestead Dairy, Indiana, USA

A USA perspective: Homestead Dairy's Brian Houin will give an insight into his family's dairy farm business, its significant growth and development over the past 20 years and the role of innovation in their operation. He will explain their plans for the future and what opportunities he sees on the horizon, particularly in herd development and genetic gain. Brian will give the conference a feel for the US dairy industry, its drivers and its direction, both domestically and internationally.

Sponsored by Gallagher

3:45 pm Summary and Close

Head to "The Top Paddock" to discuss the day's events with refreshments sponsors **APAL Agricultural Laboratory**, other delegates, members of the organising committee and the **DairySA Board** to discuss the day's events over a light graze and drinks until 5:30 pm.

The dinner...

In the evening, the DairySA Young Dairy Network will host the Innovation Day Dinner, open to all, from 6:30pm with guest speaker Jed Boshier providing insights into China's dairy sector from his experiences working in the Chinese dairy industry.

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The speakers

Dr Matthew Shaffer is Program Manager for Genetics and Data Management with Dairy Australia. He was CEO of Holstein Australia for over seven years, was significantly involved with the Australian herd improvement industry and understands the importance of giving farmers tools to make better herd management decisions. Matthew was elected President of the World Holstein Friesian Federation in 2012.

Dr Jennie Pryce is a Principal Research Fellow of La Trobe University and a Senior Research Scientist in Biosciences Research Division of the Department of Economic Development, Jobs, Transport and Resources where she leads dairy genetics projects. Along with international dairy industry involvement, in Australia she sits on the Dairy Moving Forward Fertility group and Holstein Australia's Breed Development and Conformation Committee.

Brian Houin, Homestead Dairy, is a dairy farmer in Indiana USA, running a family-owned commercial dairy of 3,800 Holsteins, milked across three farming sites. Homestead Dairy has earned a reputation for its milk production and reproduction metrics, and has incorporated the use of CLARIFIDE into its heifer replacement selection and breeding management program consistently since May 2012. The dairy routinely tests replacements heifers on a monthly cohort basis.

Dr Richard Rawnsley is Dairy Centre leader of the Tasmanian Institute of Agriculture (TIA). Richard's main research interests are pasture agronomy, biophysical modelling, precision agriculture and dairy farm system analysis. The TIA Dairy Centre in collaboration with CSIRO, as part of the wider sense-t program, has been undertaking a project examining on-animal sensors to better understand behaviours of dairy cows.

Jed Boshier is Operations Manager for AHF's (Australian Dairy Farms Group) dairy farm hub in South West Victoria. Previous to this he spent two years working for AustAsia Modern Dairy Co Ltd in China where he was responsible for the construction, management and development of a greenfield site to a fully operational 6,000 cow dairy farm. Prior to his work in China, he was Operations Manager and a business partner at Port MacDonnell Dairying Pty Ltd.

Michael Hawker has dairy farming in his blood, having grown up and worked on the family farm near Heywood, and he now works for Casey and Bonnie Taylor at Surreylea Farms. He has completed a range of dairy industry qualifications and is actively involved in the Glenelg Young Dairy Development Program. Michael was runner up in the 2014 Great South West Dairy Awards for Young Dairy Leader of the Year, individual winner of the National Dairy Challenge 2014 and a member of the winning team.

The Wallace Sisters: Annalee McKinnon, TAFE SA Lecturer, Megan Bowering, Farmhand at Burrungle Dairies and Joanne Jones, Herd Manager at Donovans Dairy. Forget about McLeod's Daughters, Mt Gambier has the Wallace Sisters! They go by different names these days but sisters Annalee, Megan and Joanne all work in the dairy sector, having taken on different roles and followed varying paths. It will be interesting to hear their different dairy career journeys and the experiences that have led to where they are today.

Presentations will be available after Innovation Day at www.dairysa.com.au

