College Science Week
Gold Coast 7th-9th of July
Australian & New Zealand College of Veterinary Scientists Cattle Chapter

The economics of improving health and welfare outcomes - using science to maximise farmer returns

KEYNOTES SPEAKERS:

Mark Wustenberg (US)
Bill Malcolm (Aus)
Davld Hawkins (NZ)

- Beef production economics
- Dairy production economics
- One shared session with Pharmacology
- 17 speakers including 4 emerging scientists
- PLUS: A 2 hour Farm Business Workshop with Tom Walsh

EVERYONE WELCOME! Bring the family for some school holiday fun and challenge yourself with cutting edge ideas in a very collegial environment

Register here or see the full science week program

zoeis

Elanco

Boehringer Ingelheim
<table>
<thead>
<tr>
<th>TIME</th>
<th>THURSDAY 7 JULY 2016</th>
<th>FRIDAY 8 JULY 2016</th>
<th>SATURDAY 9 JULY 2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.00</td>
<td>Plenary</td>
<td>Plenary</td>
<td>Plenary</td>
</tr>
</tbody>
</table>
| 9.00 | Joint session with Pharmacology Chapter  
| 9.30 | Tim Moravek: Driving the profitability of Northern Australian Beef Herds – marginal productivity and profitability concepts | Dave Hawkins: Economics of moving away from calving induction |
| 10.00 | MORNING TEA IN TRADE DISPLAY AREA |
| 10.30 | Andrew Woodward: Factors Affecting Milk Residues | Tom Walsh:  
Farm Business Management: where can you make a difference (Workshop) | Emerging Scientist Session  
Aaron Yang (Massey): Evaluating the economic loss caused by Digital Dermatitis  
Andres Ardilla (UQ): Is Bovine Digital Dermatitis an emerging disease affecting Australian dairy herds  
Kate Loudon (Murdoch): Factors influencing dark cutting |
| 11.00 |  
Stephen Page:  
Antimicrobial Stewardship in Cattle Practice: Latest Developments |
| 11.30 |  
Elizabeth Shackleton: Novel Transdermal Analgesia in Cattle |
| 11.40 |  
LUNCH – FIRST FLOOR |
| 1.30 | Bill Malcolm: Estimating the economic benefit from pregnancy testing | Bill Malcolm: The economics of pasture renovation or cropping in grazing systems | Rowan Wilson: The cost of calving |
| 2.00 | David Hawkins:  
Farm Cash Flow |
| 2.10 | Jim Shovelton: Driving profit on Southern Beef enterprises | Mark Wustenberg: A Processor’s perspective on Milk Quality |
| 2.30 | Neil Lane: Using DairyBase on farm |
| 3.00 | AFTERNOON TEA IN TRADE DISPLAY AREA |
| 4.00 | Mark Wustenberg:  
Using Lean & HACCP principles to improve farm business effectiveness | David Hawkins: Engaging clients in a more business focussed discussion – a veterinary consultant’s perspective (Panel discussion) |
| 4.30 | Tim Moravek:  
Using basic beef cattle numbers to provide meaningful diagnostics and herd budget planning |
| Finish @ 5pm | Chapter Annual General Meeting | | |
MAJOR SPEAKERS

Mark Wustenberg
Mark works as the Vice President of Quality and Producer Relations for Tillamook County Creamery Association. Current responsibilities include all food safety and quality assurance activities from farm to customer as well as farm level field service support. Mark has worked in a number of other executive roles at Tillamook including operational oversight of Tillamook’s processing and manufacturing activities and as interim CEO. TCCA is a 100 member farmer owned cooperative that produces and markets cheddar cheese as well as other dairy products generating ~$850 million in annual sales. Prior to joining Tillamook County Creamery Association, Mark worked for Monsanto Company as a technical support veterinarian.

Before that he and his wife, Judy, operated a dairy practice in Tillamook County Oregon. In addition to their local practice they provided production management, and business development support to dairy and related businesses both nationally and internationally. A significant part of their time was focused on nutrition and milk quality services.

Professor Bill Malcolm
Bill Malcolm grew up in a wheat farming area in the Victorian Mallee. He graduated from UNE with a B.Ag.Econ. and subsequently worked as Farm Manager at Roseworthy Agricultural College, running a mixed dairy/cropping farm during 1977-78. In 1979-80, he returned to UNE as a junior research fellow in farm management economics. He joined the Melbourne University School of Agriculture in 1980 as tutor in agricultural economics. Subsequently, Bill earned his M.Agr.Sc. in 1989 and his D.Agr.Sc. in 1996, which helped him proceed through the academic ranks to Associate Professor in 1996. Bill remains a member of staff in the Melbourne School of Land and Environment, although since 2009 holds a joint appointment with Victorian Department of Economic Development, Jobs, Transport and Roads as Principal Scientist Farm Systems Economics, in their Agricultural Research Division. Bill has been active in teaching inside and outside the classroom. He has supervised around 40 Masters and 20 PhD students, and has served as a co-supervisor to many more. He taught a final year Farm Management Economics subject to B.Ag.Sci. students at Melbourne University annually from 1985 to 2010, in addition to a range of other agricultural economics subjects.

Bill has (with 75 or more co-authors) written around 150 journal articles and conference papers and a number of books, mainly in the area of farm management economics where he stands out in Australia. Books that he has written, or made a significant contribution to, include The Farming Game Now and Agriculture in Australia. In the course of his career, Bill has conducted farm management economics training courses for farmers and Department of Agriculture and industry professionals (both in Australia and overseas), has had considerable involvement in practical farming and farm management advisory roles, has been a member of the advisory boards to several large farm businesses, and served as a member of Keenan’s Dairy Feed Company’s International Scientific Advisory Board 2007-12.

David Hawkins
David graduated from Massey University in 1992. After several years in mixed practice in New Zealand and abroad he started with Franklin Vets in 1997 as a farm services veterinarian and became a director of the company in 2003.

David operates from the Waiuku branch servicing farm and lifestyle clients. He has a broad experience in mastitis management and control, clinical trial work and is growing an Intelact consultancy base. David is the current Dairy Cattle Veterinary Society Representative on the National Mastitis Committee and contributes regularly to various farming publications on mastitis and milk quality issues.