NUFFIELD
international news
January 2014

International Chairman - STUART WRIGHT - Tel: (64) 03 318 3897, Email: astuwright@xtra.co.nz
International Secretary - JIM GELTCH - Tel: (03) 5480 0755, Email: jimgeltch@nuffield.com.au

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Have you booked your trip to the Triennial yet?
It’s Canada’s turn to show their agriculture to the world
- and they can’t wait to show it to you!

For over 60 years, the Nuffield Scholarship programme
has been providing unparalleled opportunities to some of
the world’s best agri-food producers and professionals.
Nuffield Canada is pleased to host and present the next
great opportunity for you to learn more about agriculture,
make a contribution to the topic, rekindle old relationships
and make some new ones.

BOOK THE DATES IN YOUR DIARY
– you will not want to miss this event!

More information on page 6, or visit
www.nuffield.ca/triennial

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Chairman’s Report

STUART WRIGHT
Nuffield International Chairman
stuart.wright@annatfarms.co.nz

2014 Scholars announced

As 2013 came to its end, preparations for the next Nuffield year are well underway. All countries have now announced their Scholars for 2014 and they will meet for the Contemporary Scholars Conference in Sydney early in March.

This is always an exciting event where new Scholars have the chance to meet, mix and debate with their contemporaries and set the scene for their scholarship year and beyond.

Triennial Conference

The Triennial Nuffield Conference is set for June and our Canadian hosts have planned an exciting event on the Eastern Sea Board of Canada, with the theme of “Prosperity through innovation”.

I encourage all Scholars to make the effort to attend if they can to experience a unique event which crystallises the Nuffield ethos, challenges the mind, and provides a great opportunity to renew old friendships and develop new ones.

Registration are now open and our Canadian Scholars are looking forward to your support and participation.

Retiring Board Members

During the year, at Nuffield International Board level, Terry Hehir and Barb Stefanyshyn-Cote have retired as their terms as chairs of their respective countries, Australia and Canada, are completed.

I would personally like to thank both of them for their invaluable input as we have developed Nuffield International into an organisation that represents the collective ideals of all participating countries.

This is a process that is still in progress as we develop the Nuffield brand globally and debate the issues to reach a consensus on the best way to continue that development.

Andrew Johnson, the new Australian chairman, is Terry’s replacement and the new Canadian chairman is 2011 Scholar, Kelvin Meadows.

One of the privileges of this job, as Nuffield International Chairman, is the chance to meet some outstanding younger people involved in agriculture from all the Nuffield countries. Rob Cook is one of those people who certainly made an impression with me.

An inspiration

Rob hails from the remote outback of the Northern Territory of Australia, where he and his family farm cattle on the Suplejack Downs Station.

Rob had a serious helicopter accident in 2008 that left him a C4 tetraplegic. But this didn’t stop him completing a Nuffield Scholarship in 2011, which is when I had the privilege of meeting him and his wife.

He has recently published a book called “When the dust settles”. If you want a great read about a recent Nuffield Scholar that gives you a flavour of outback Australia, plus an inspirational story about an individual’s struggle with adversity then I highly recommend it.

All the best for the rest of the year, and I look forward to meeting many of you in Canada in June.

“One of the privileges of this job is the chance to meet outstanding younger people involved in agriculture from all the Nuffield Countries.”

NUFFIELD INTERNATIONAL CALENDAR

<table>
<thead>
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<th>Date</th>
<th>Event</th>
<th>Venue</th>
<th>Host</th>
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<tbody>
<tr>
<td>1-8 March</td>
<td>2014 Contemporary Scholars Conference</td>
<td>Sydney and Canberra</td>
<td>Nuffield Australia</td>
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<tr>
<td>22-23 March</td>
<td>Queensland Autumn Tour and AGM</td>
<td>Brandaberg, Queensland</td>
<td>Nuffield Australia</td>
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<tr>
<td>4-6 April</td>
<td>2014 New Zealand Biennial Conference</td>
<td>Wairakei Resort, Taupo</td>
<td>Nuffield New Zealand</td>
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<tr>
<td>23-24 April</td>
<td>Frank Arden Memorial Conference</td>
<td>Harper Adams University</td>
<td>Nuffield UK</td>
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<tr>
<td>15-28 June</td>
<td>2014 Triennial Conference</td>
<td>Halifax, Nova Scotia,</td>
<td>Nuffield Canada</td>
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<td></td>
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<td>Charlottetown, Prince Edward Island</td>
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<tr>
<td>18-22 Sept</td>
<td>2014 Australia National Conference</td>
<td>Launceston</td>
<td>Nuffield Australia</td>
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2014 Global Focus Tours

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<tr>
<th>Date</th>
<th>Host</th>
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<tr>
<td>1-16 March</td>
<td>Global Focus (Brazil) - AU, NZ, Brazil, Mexico, UK</td>
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<tr>
<td>1-16 March</td>
<td>Global Focus (South Africa) - AU, South Africa, Kenya, Russia, Poland, Czech Republic, Germany, USA</td>
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<tr>
<td>28 May - 11 July</td>
<td>Global Focus (China) - AU, Philippines, China, USA, Canada, Netherlands, France, Ireland</td>
</tr>
<tr>
<td>31 May - 16 July</td>
<td>Global Focus (India) - AU, India, Qatar, Ukraine, Brussels, France, USA</td>
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For further information, please visit www.nuffieldinternational.org
Four GFPS

We have added one more Global Focus Program (GFP) in 2014 to cater for the additional Scholars wishing to participate. 36 scholars from every country are participating in the four GFPS, adding greatly to the dynamics and strength of the program.

On behalf of Nuffield Australia and International, can I extend a big thank you and congratulations to Jim Geltch who tirelessly works continuing to improve the experience and opportunity of our scholars from every country have. Well done!

Learning post scholarships

In Australia, we place particular emphasis on post-scholarship opportunities - with encouragement to take part in courses such as the Executive Program for Agricultural Producers in Texas USA, as well as the Worshipful Company of Farmers’ Challenge of Rural Leadership and Farm Business Management courses, both in the UK. Combined with a range of executive development, management and director courses and ad hoc speaking and presentation engagements, our Scholars are regularly on the front line, pushing themselves and agriculture.

New Directors

Our board welcomes four new directors, including, for the first time, two external directors; Mike Taylor and Donald McGauchie.

We Mike and Donald we are privileged to have two people who bring a wealth of experience and knowledge to our team.

Combined with Nuffield’s Jane Bennett and Michael Chilvers, Nuffield Australia is well positioned and I look forward to working with the board over the coming years.

2014 CSC

Australia is hosting the 2014 CSC in Sydney and Canberra in March. This will be a highly interactive and affordable week-long networking experience. We look forward to welcoming our contemporaries there and further strategizing NI initiatives with the board.

In this respect, Australia continues to support the initiatives of Nuffield International to seek out financial support to award a Nuffield International Scholarship outside the current Nuffield countries.

Can I wish you all the very best in health and seasons, and take this opportunity hoping you have a safe and Merry Christmas to you and your families.
2014 Scholars Announced

Earlier this month the Nuffield NZ Trustees announced five successful scholarship recipients for 2014. They were:

Lucy Cruickshank - Masterton sales and marketing entrepreneur from Wairapapa
Mel Poulton - Beef and Lamb NZ Western North Island extension manager, from Woodville
Paul Olsen - potato grower, from Opiki, Palmerston North
John Murphy - Marlborough Garlic general manager and vineyard owner
Dan Shand - North Canterbury sheep and beef farmer, and entrepreneur

This is the first time that we held the announcement of the new Nuffield Scholarships at a reception in Parliament. We were hosted by the Associate Minister for Primary Industry, Hon Jo Goodhew. The minister not only presented the 2014 Scholars with their Nuffield tie or brooch, but also talked to those gathered about the importance of leadership in agriculture.

Nuffield NZ continues to select for potential leaders in New Zealand agriculture. We see the enduring need to build human capacity to not only meet the current and future on-farm challenges, but also lead the debate on ever increasing difficult rural and national issues affecting agriculture.

Joint venture

The New Zealand Nuffield Trustees have continued to work on the new joint venture with Kellogg’s and Lincoln University. A Memorandum of Understanding has recently been signed between the two organisations which details how we will work together. It is our vision to create a leadership pipeline for New Zealand agriculture.

Juliet Maclean (Nuffield NZ Trustee) and Richard Green (Nuffield NZ Director) have been working through the detail of appointing a new General Manager to head the new consortium. They are pleased to announce that the position has gone to Anne Hindson.

Sharing “back office functions” assists both Nuffield NZ and Kelloggs to make another step up to be able to afford full-time management.

Powering into the future

Our biannual conference will be held in April at Wairakei, near Taupo, from the 3rd to the 6th April. The theme of the conference is

“A Nuffield Scholarship is one of New Zealand’s most valuable and prestigious awards with a limited number awarded each year,” says Nuffield NZ Chairman, Julian Raine. “To be awarded a Nuffield Scholarship is to be awarded a life changing experience. Nuffield New Zealand is investing in our future rural leaders.”

Five new names were added to the historic list of Nuffield New Zealand Scholars in late October at an event held at Parliament. The five new Scholars join more than 140 others who have been awarded Nuffield Scholarships in the past 60 years.

“Our Nuffield Trustees were impressed with the overall standard of applicants and any of the final 10 would have been worthy candidates for a scholarship,” says Julian. “Although the final selection was close, for the second year in a row, I’m pleased to announce five successful Scholars.”

“Turing good farming into big business, potato (cropping) production and the positioning of manuka and other honey off-shore.”

“Powering into the future”. Taupo and the surrounding area is the geothermal capital of NZ where exciting alternative uses of geothermal energy are being utilised to grow our agricultural industries.

The field trip will include a look at farming in a nitrogen ‘capped’ catchment and alternative research in the sheep industry.

At our last conference, Jim Geltch and a number of travelling scholars were in attendance. We welcome all Nuffield visitors. Hopefully, we will see some of you there.

Rural Leadership Consortium General Manager appointed

Anne Hindson has been appointed as General Manager of the Rural Leadership Consortium, a new joint venture between the Nuffield Farming Scholarship Trust and the Kellogg Rural Leadership Programme.

“Anne joins us with a diverse business background, including sports and event management,” says Nuffield Trustee, Juliet Maclean. “She understands the importance of effective leadership and the value of encouraging high levels of team performance. Anne has a real interest in the on-going development of people, at all stages of their careers.”

Anne’s previous experience includes Project Manager for Education New Zealand, Business Advisor for the Selwyn District Council, Christchurch Manager for the RWC 2011, and Director of the National Conference for the New Zealand Association of Event Professionals.
It has been an active year for Nuffield Canada and I have very much enjoyed being a part of it.

**Off to a great start**
We started off by hosting the 2013 CSC in Ottawa, with 60-plus Scholars and chairs from each Nuffield nation.

While the Scholars were learning about Canadian agriculture and world issues, the chairs took the opportunity to do some strategic planning, constructing a mission and vision statement, and deliberating about the future direction of Nuffield International and the possibility of having Nuffield International Scholars.

There were many thoughtful and intense meetings with excellent discussion. In my opinion, Nuffield International is off to a great start.

**Summer picnics**
This year there were summer picnics held in both Eastern and Western Canada. Many Scholars had the chance to get together and catch up. We also took the opportunity to have a short meeting and discuss the direction of Nuffield Canada and future Scholars.

There was excellent discussion with the outcome being – full steam ahead. It was fortunate to have Alan Millar, our acting executive director, attend both picnics.

Our Western Picnic was at the home of Joe and Joan Linnell. The Eastern Picnic was held in Madoc, Ontario.

**2014 Triennial**
Another large project for Nuffield Canada is the 2014 Triennial which is coming in June.

Thanks to all of the Scholars that have been involved in the organisation of this fantastic event, especially Barry Cudmore, who is chairing the project.

The event begins on June 15th in Nova Scotia and concludes in Alberta with a rodeo. What could be more entertaining!! Please check out the website for all of the details http://nuffield.ca/triennial/.

We have worked on a new logo and website that will be going live shortly.

**New reports, new Scholars**
Since my last annual report, I am pleased to announce that we have three new reports added to our collection – Kelvin Meadows, Leona Dargis and Sarah Megens.

We have enjoyed the presentations of Brenda Schoepp and Crosby Devitt.

We have three scholars travelling the globe – Gayle Creutzberg, Blake Vince and Clayton Robbins. You can check out their blogs at http://nuffield.ca. And, we have three new scholars raring to go – Cheryl Hazenberg, Darryl Chubb and Steven Wolfgam.

Congratulations and good luck to you all.

**Passed on...**
It has also been a sad year for Nuffield Canada with the passing of six of our members - Raymond Loo, Larry Yeo, Ken Ferguson, Mervyn Hamilton, R Mac Sprowl and John McLean.

Unfortunately, Raymond Loo was in the midst of his Nuffield experience when he lost his battle with cancer. He has been recognised by Nuffield Canada as an Honorary Nuffield Scholar.

**Sponsorship news**
As we wind down our activities that were funded by CAAP, we look back on the strides that we have made - a review of all Canadian Nuffield Scholars, more awareness of our program, increased new Scholar preparation and engagement, and a clearer direction for our future.

We still have work to do, but we have come a long way, baby!

In regards to sponsorship, I am very pleased to report that progress has been made with not one, but two sponsors coming on to support Scholars for the next three years.

Thanks to Glacier Media for sponsoring a Canadian Scholar and also to Grain Farmers of Ontario for supplying funds for a grain farmer from Ontario.

In addition, both organisations are supplying money directly to Nuffield Canada to support the program. We are grateful to them both and are using this as a spark for the rest of our campaign.

**New chair**
As I step down as chair, I am happy to report that Kelvin Meadows will be taking my place.

I am very honoured to have been elected chair and, only due to an overworked agenda, do I step back.

I want to sincerely thank Rod Bradshaw, who continues with the duties of secretary and treasurer, and Alan Millar for all of their extra effort and hard work. I truly appreciated your assistance.

I see continued great things from our Scholars and wish everyone the best in all of their endeavours.

Warmest regards, Barb

**KELVIN MEADOWS NEW CHAIRMAN**

**Kelvin Meadows is a 2011 Canadian Nuffield Scholar. His topic delved into the factors that contribute to a successful farmer-owned value chain, including farmer investor relations and expectations, as well as plant capitalization and board/management composition.**

For over 20 years, Kelvin was a pedigreed seed grower, and an owner/operator of a seed cleaning and export business in Saskatchewan.

During his farming tenure, Kelvin had the opportunity to spend 10 years as director and chairman of the Saskatchewan Canola Development Commission, which gave him exposure to different aspects of the food industry.

After divesting themselves of the farm in 2008, Kelvin and his wife, Shelley, moved into value-added food processing through an investment in Avena Foods Inc, a Regina-based gluten free oat milling plant where Kelvin currently sits as chairman of the board.

They also own and operate a land development company, seed crop inspection business and Kelvin recently joined the Business Development team at Input Capital, the world’s first canola streaming company.

Kelvin sees great value in the Nuffield program and looks forward to his time as chairman of Nuffield Canada.

**Nuffield in the news!**

In November 2013, three Nuffield Scholars gave interviews for Global News Canada. Crosby Devitt (2012 NSch), Brenda Schoepp (2012 NSch) and Harold Perry (2006 NSch) each spoke confidently about the value of a Nuffield Scholarship and expertly about their area of agriculture.

http://globalnews.ca/video/980435/nuffield-scholarship-recipients
The excitement starts on June 15th in Halifax, Nova Scotia, then heads to Prince Edward Island on the 20th, followed by Ontario on the 24th.

With a theme of ‘Prosperity through innovation’, we’ll be meeting with some of Canada’s top agricultural and food entrepreneurs - including the extraordinary retailer, Pete Luckett, the man behind some of Eastern Canada’s strongest brands and the success of Canadian premium grocery stores and food service distribution in Halifax (www.peteluckett.com).

We’ll be looking at and sampling some of the best Canadian fruit, vegetables, freshly-caught seafood, wine and dairy. At the same time as learning about renewable energy, food marketing, growing of ethnic (or new) crops, and seeing some of Canada’s top agricultural research stations.

We will also be providing memorable trips through the beautiful Annapolis Valley, the Bay of Fundy, the Confederation Bridge and Niagara Falls.

Post conference tour
And, if you’re looking for some ‘WILD WEST’ action to finish your tour across Canada, there is a post-conference tour being offered throughout Alberta from June 29th to July 5th. Based around Edmonton, the programme includes a trip to the great Ponoka Stampede.

Budget friendly option
Need more reasons to come? For Scholars post-2008, we’re offering a new ‘budget-friendly’ option. This “Real Canuck Triennial Tour” includes the opportunity to be billeted with local hosts in Nova Scotia, as well as joining backpacking and hiking tours. You will also be able to participate in Conference Day in Halifax on June 19th.

Nuffield Canada will give a warm welcome to all Scholars from all Nuffield countries in Halifax, Nova Scotia - the Atlantic Gateway to Canada.

You will arrive on June 15th, 2014 and visit some of the most innovative and unique agriculture operations and cultural sites in Nova Scotia. The Conference Day, on June 19th, will challenge your intellect and stimulate new thinking.

You will then travel to Prince Edward Island on June 20th and tour a variety of agriculture, agri-food and aquaculture operations. You will also get an opportunity to join in the 150th year celebration of the Canadian Confederation. You will walk in the steps of our founding fathers who attended the Conference of Confederation in Charlottetown in 1864, leading to the birth of Canada in 1867.

All the while that you are in Nova Scotia and Prince Edward Island, you will dine on our unique and world renowned seafood and agri-food products. This will culminate with a festival of food in Charlottetown in celebration of our Confederation.

After a night’s sleep, we will then fly you to the centre of Canada for you to discover the best that Ontario agriculture has to offer, including a tour of Niagara Falls and the Niagara wine region.

We will wish many a fond farewell and safe travels on June 28th. For those choosing to continue their Canadian adventure, a post conference tour throughout Alberta is also on offer and will run from June 29th to 5th July.

For more programme information and to register visit: www.nuffield.ca/triennial

Nuffield Canada will be updating the conference programme with speakers, visits and tour stops as they are confirmed.
2013 has been a very busy year for Nuffield Ireland with the re-organisation of our calendar to align ourselves with other Nuffield international countries. To achieve this, we brought our selection process forward from December to early September.

Six scholarships awarded

I’m happy to report that we had a very high level of interest in our scholarships this year, with over five applications received for every scholarship.

We are delighted to announce our six 2014 Scholars as:

- Sean Coughlan - Ballina, Co Mayo (sponsored by Aurivo)
- Mary Delaney - Crosspatrick, Co Kilkenny (sponsored by FBD)
- Joseph Leonard - Stamullen, Co Meath (sponsored by Peter Daly Trust/LIC/Dairymaster)
- Finola McCoy - Mullingar, Co Westmeath (sponsored by IFA/Irish Farmers Journal)
- Tommy Moyles - Clonakilty, Co Cork (sponsored by Meat Industry Ireland)
- Sean O’Brien - Midleton, Co Cork (sponsored by Golden Jubilee Trust)

Putting leadership into action

Our annual conference took place in early November at Mount Wolseley, Tullow, Co Carlow. The theme of our conference was “Putting leadership into action”. Speakers on the day included Nuffield Scholar, Professor John Alliston, Director of Development at the Royal Agricultural University Cirencester, who gave us his perspective of taught leadership.

The returning 2012 Scholars also presented their findings from their travels:

- Sean Cummins - “Knowledge transfer and the adoption of new technologies at farm level”
- Andrew Gow - “How co-ops grow and work together”
- Micheal McCarthy - “OAD milking and how it benefits Irish farmers pre- and post-quota”

Irish agriculture looks forward to an exciting 2014 and to hosting many of our fellow Nuffield Scholars.

“I am delighted to welcome our six new scholars to Nuffield Ireland, and look forward to seeing them develop their full potential, and play an important role in Irish agriculture, their local community and in Nuffield in the years ahead.

“This brings to 63 the total number of Scholars who have been awarded Irish Nuffield Scholarships since 1996.”

LATEST SCHOLAR REPORTS

Amy Jackson (UK) - Can we learn to love the megadairy? Politics, planning and PR
Robert Craig (UK) - The true cost of cheap food
David Wynne Finch (UK) - Collaboration and people
Gareth Davies (UK) - Pasture utilisation: yield from the field
James Szasbo (UK) - Autonomy in agriculture
Robert Hodgkins (UK) - Sheep genomics: the future of profitable performance predictions
Heather Wildman (UK) - Influencing and motivating change: Have dairy discussion groups had their day?
Katy Lee (UK) - New and emerging technologies in agriculture: What’s standing in the way?
Tim McClelland (UK) - Why are you farming - business or pleasure?
Rob Burtonshaw (UK) - Land drainage and its role in farming’s future
Kate Morgan (UK) - An examination of high welfare systems within the pork industry
Jack Clayton (UK) - Modernising the game industry
Ed Green (UK) - How beef production can adapt to changes in global demand and global food culture
Michael Chilvers (AU) - How systemised management of intensive mixed farms could assist expansion
Charles Harrison (UK) - “Keeping up with the Johne’s”: Practical opportunities for the control of Johne’s disease in dairy cattle
Gemma Sadler (AU) - Sustainable weed management and the use of genetically engrained herbicide tolerant crops
Joanne Nash (UK) - Inspection visits of value: Welfare of man and beast
Ray Vella (AU) - Grazing and genetic options to grow the beef business
Dave Reilly (AU) - Date palms for Australia - further developing the industry
Damien Murphy (AU) - Young farmer finance schemes
Rhys Arangio (AU) - Minimising whale depredation on longline fishing
James Male (AU) - Lamb finishing systems - maximising the margins on grain finishing lambs
Dr Zoe Davies (UK) - Movers and shakers in global pig production
Steven Jack (UK) - Opportunities for farming businesses in the produce sector - through provenance, innovation and brand development

For PDF copies, go to www.nuffieldinternational.org
Nuffield International

Major changes

The past year has seen the completion of some major changes for the Trust. The official change of director took place on January 1st and gave a very short lead-in time during December for our new director, Colonel Mike Vacher OBE, FCMI.

I would like to welcome Mike and his wife, Poey, to the Nuffield family.

The Trustees have been very impressed with the way Mike has adapted to his new role and how he has responded to our requests. It has been good to see both him and Poey at our major shows, including Cereals in Lincolnshire and the Livestock Event at the NEC. This has given both of them a good opportunity to meet existing and potential Scholars.

Mike also joined us for the selection of the 2013 Scholars at our new interview date in mid-October, when our selectors awarded 22 scholarships, with two more joining early in 2013 from the selection of the Arden Scholarship.

New timetable

This new October date has proved to be very successful for the newly selected Scholars, as it allows them and their partners to meet as a group early on, link with sponsors and attend a conference where they receive their tie or brooch just a few weeks after their selection.

I would like to take the opportunity to thank all selectors for the time they have put into reading all the applications and attending the selection interviews. I should also like to thank Professor David Leaver who has retired from the Selection Panel. In his place, I would like to welcome Emeritus Professor Allan Buckwell.

2014 Scholar selections

The selections for the 2014 Scholars took place in mid-October and gave rise to 21 new Scholars representing a large cross section of those involved in our industry. Each individual was awarded their Scholarships at the Annual Nuffield Conference held in Cardiff, in November, and will commence their Nuffield studies in mid-October, when our selectors awarded 22 scholarships, with two more joining early in 2013 from the selection of the Arden Scholarship.

New sponsors

Nuffield would not be able to function without the support of our many sponsors, old and new. I would like to welcome two new award sponsors. Firstly, Micron, a specialist feed supplement business, based in the South West, which is offering a Scholar sponsorship. Our second new sponsor, Mole Valley Farmers (MVF), is slightly different from our traditional sponsors. Mike has been working with MVF Chief Executive, Andrew Jackson, and has secured an initial deal for three years, resulting in a significant sponsorship for the Trust’s general activities.

Special thanks

The reports that Scholars produce have again been edited and put on line by Anne Beckett - and we all extend our thanks to Anne for this valuable work. My thanks must also go to the board for all the hard work put in this year.

2013 Annual Conference

The 2013 Annual Conference was held on the 21st and 22nd November at the Vale Resort, Cardiff, with a total of 18 Scholars presenting their findings over the two days.

The event was hosted by a Welsh Scholar Group (chaired by 1998 Nuffield Scholar, Wyn Owen), who were delighted to report the highest delegate numbers for many years, with over 350 individuals attending the first day.

Over 400 delegates then went on to enjoy a fantastic three course meal at the Vale Resort, at which the ‘Steven and Gill Bullock Award for Nuffield Innovation’ was presented to 2002 Scholar, Donald MacPherson.

New board members

At the 2013 AGM, Scholars Ed Green (as the Returning Scholar Trustee) Julie Mate (NSch 1987) and Louise Manning (NSch 2007) were welcomed to the board, along with James Brooke Turner as the external trustee.

RSC Award

As guests of the Worshipful Company of Butchers, Mike and I were invited to lunch at Butchers Hall in London in early November - and were greeted with an award.

The speaker at the event was the President of The Royal Smithfield Club and following his talk, we were presented with The Royal Smithfield Club Bicentenary Award.

The is award is given to an individual or organisation that has made a major contribution to the British livestock industry.

I was delighted and surprised to receive this on behalf of Nuffield UK, as this is the first time this annual award has been presented to an organisation, rather than an individual.

NUFFIELD WINS RSC AWARD

From left: RSC President, Andrew Gilmour, Nuffield Chairman, Stephen Watkins; NFST Director, Mike Vacher; and RSC Chairman, Angus Stovold.

The Nuffield Farming Scholarships Trust was announced as the recipient of the 2013 Royal Smithfield Club Bicentenary Award in recognition of the Trust’s significant contribution to the UK meat industry.

"Nuffield Farming Scholarships Trust has provided over 800 people in agriculture, associated industries and the rural community the chance to travel to expand knowledge and understanding," says RSC Chairman, Angus Stovold. "These individuals have delivered benefits to our industry through knowledge transfer, inspiring commitment and development of tomorrow’s leaders.

"If you are lucky enough to be a Nuffield Scholar, doors throughout the world open which provide access to the world’s leaders in food and farming."
**2014 UK Scholars announced**

Selected on their ability to shape and lead change in their respective agricultural industries, 21 new Nuffield Scholars were announced by the NFST in October.

“Once again, the calibre of applicants who represent associated agricultural, horticultural and rural sectors was extremely high, making the selection process challenging,” comments NFST Director, Mike Vacher. “As a result, we’ve pulled together a group of individuals who I’m sure will rise to the challenge Nuffield presents.”

“The Scholars’ report titles showcase the dynamic and broad nature of the awards, with chosen subject areas ranging from advances in technology in the arable sector and premium beef marketing, through to wool processing and automation in horticulture.” The 2014 Scholars comprise of:

- **Robert Allen** (Devon/South West) - “Turning data into information: How do we maximise the potential of digital technology?”
- **Johnny Alvis** (Somerset/South West) - “Achieving more from less - maximising dairy farming profitability utilising limited resources”
- **Jonathan Birnie** (Tyrone/Northern Ireland) - “Facilitating change within the red meat chain through the dissemination of new technology, enhanced cooperation and mutual sustainability”
- **Mark Bowyer** (Norfolk/Anglia) - “Technology into practice; how is new technology conveyed to arable farmers and do they use it?”
- **James Drummond** (Northumberland/North East) - “Optimising ewe performance for a productive sheep enterprise and a high quality finished lamb”
- **Robert Drysdale** (West Sussex/South East) - “The future of beef production from controlled business when it is successful”
- **Mike Miller** (Dorset/South West) - “All winter grazing”
- **Allister Mitchell** (Armagh/Northern Ireland) - “Marketing premium beef - ecommerce opportunities and business models”
- **Kit Papworth** (Norfolk/Anglia) - “From muck to gold: How to manage a farmer-controlled business when it is successful”
- **Richard Pennock** (North Yorkshire/Yorkshire) - “Investigating different farming systems to improve efficiency in the UK beef industry”
- **Werner Strydom** (Suffolk/Anglia) - “How can we reduce campylobacter in the UK food chain?”
- **David Walston** (Cambridgeshire/Anglia) - “Improving yields NS profits by improving soils”
- **Maeve Whyte** (Warwickshire/West Midlands) - “Eat Your Sprouts! Tackling the food waste issue”

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**2014 Bullock Award winner - Well Hung & Tender!**

**Beef farmer DONALD MACPHERSON from Berwick scooped the 2014 ‘Steven and Gill Bullock Award’ for Innovation after using what he discovered abroad on his Nuffield studies to boost business and boost the British beef industry.**

Donald embarked on his Nuffield study tour in August 2002, spending four weeks Down Under before heading to America to understand how farmers there turn out their famously delicious meat so consistently.

He found the US and Australian beef industries, without subsidies, were more focused on creating the best possible products for customers and had pricing systems that graded meat on eating satisfaction.

On his return, Donald struggled to introduce the same system in the UK, but what he learned abroad helped him to kick start his ‘Well Hung and Tender’ burger business, selling his four-week-hung beef at farmers’ markets in Northumberland and Scotland, with subsequent sales going through shops, restaurants and online.

Since the 2008 financial crisis, the business has focused on event catering and employs 140 casual staff at events across the North East and Scotland.

Still based out of the family’s 90-acre Castlehills Farm, the business now provides 80% of the farm’s revenue.

“I’m chuffed to bits with it [the Bullock Award] and it’s nice to get a wee pat on the back” said Donald. “The scholarship changed everything for me – I’ve worked on a farm all my days and it really opened my eyes to what else is out there. We would not have had the business where it is now without the Nuffield experience.”

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The Steven and Gill Bullock Award celebrates UK Scholars who used what they learned on their scholarship to develop their business innovatively and to contribute to the industry over the past 10 years. An annual prize of £1,000 goes to the winner.
2013 was a particularly positive year for Nuffield France. A new partnership was created and we were glad to be able to select three new Scholars.

Our aim is to enhance our scholarship programme further by finding new sponsors and by organising new learning opportunities for our Scholars. To this end, we are now looking to offer short courses about French agriculture, CAP and communication skills after the selection day.

We were successful in gaining new sponsorship involving specialised magazines. This support will help to spread the word about our scholarships and make them better known amongst producers and the agricultural sector.

The two GFP tours in June 2013 were very much appreciated - both by the Australian Scholars and by the French, who helped organise the tours. As a result, Nuffield France has decided that it would be more beneficial if our Scholars could also participate in the GFP. To help achieve this, a committee, comprising a previous Scholar and a representative of the sponsor, will be set up.

We have our sights set on making more progress this year and will try to find new sponsorship with the aim of selecting at least five Scholars in 2014.

Speaking about the future, Nuffield France is looking forward to welcoming the CSC in 2015!

Patrice POBEL (NSch 2008) went into the beer industry after his scholarship and has recently won a major award for his product. Brewing beer at Pont d’ Ain near Lyon, he picked up the world title for Pale Beer at the World Beer Awards in October 2013.

Nicolas de WATRIGNANT (NSch 2007) grew up studying agriculture and specialised in the horse racing industry. He has recently created his own bloodstock agency in France and is successfully selling horses to the Royal Family in Qatar.

The structure of French agriculture is changing. The number of farms is decreasing and the farms are now much bigger. In France, this trend began a long time ago, in the middle of the 19th Century, as is the case for the majority of European countries. However, the real turning point was at the beginning of the 1960s when a modern agricultural policy was developed, first nationally and then at a European level. This marked the beginning of modernising the agricultural sector and led to a decrease in the number of farms.

According to the 2010 agricultural census, there were 515,000 farms in France (mainland and overseas departments), compared to 665,000 in 2000. Today, these long-term demographic changes are continuing and it does not seem that they will end soon.

The 2010 agricultural census did, in fact, reveal that, in certain regions in France, only 40% of farmers over the age of 50 (who were therefore expected to retire within the next 10 years) knew of a young farmer to take on their farm.

Economic activity in France is predominantly carried out by a small number of large businesses, whereas agriculture remains an industry made up of small, mainly family-run businesses.

On most French farms, the head of the farm works alone, with occasional help from employees or family members. On average, French farms use 1.5 work units. However, cooperative structures are growing in number and, in 2010, covered 46% of annual working units (AWU).

Although there are more and more non-family members in the permanent workforce, they still only represent 16% of all farm workers (compared to 10% in 2000).

SMEs provide another important source of employment in France and across Europe, and agriculture contributes greatly to this sector of the economy as well.

Since the end of the 70s, the export trade for France has provided a healthy surplus. Although this surplus fell in 2009 because of the crisis and the severe decrease in global trade, it picked up again in 2010 (+8 billion Euros) and is expected to be even higher in 2011 (around +11 billion Euros).

The agri-food sector remains key to French exports (representing 10 to 20% of all French exports). The main exports being wine and drinks, cereals and dairy produce.
AUSTRALIA 2014 Nuffield Scholars

BEN BOUGHTON, from Moree in New South Wales, receives the 2014 Nuffield Australia Scholarship supported by the Grains Research and Development Corporation.

Ben will research the potential of Unmanned Aerial/Ground Vehicles (UAV/UGV) for the grains industry.

With his wife, Ben works in his family’s business, Gilroy Farms, which is a dryland cropping enterprise producing wheat, barley, chickpeas and sorghum. Cropping a total of 2,000 hectares, Ben is involved in management decisions, including agronomy and investment, and day-to-day farm operations.

Ben believes that while there is much value for the grains industry in accessing precise data for better paddock management, collecting this data is expensive, time consuming and often confusing.

He says UAVs and UGVs offer huge potential in all agricultural enterprises, but particularly in grains.

“This data could be used in applications such as weed and disease monitoring, water movement and vegetation mapping, facilitating variable rate fertiliser application and yield forecasting,” he explains.

Ben hopes to visit the USA, Europe, and Brazil to conduct his research.

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KAREN BROCK, from Winkleigh in Tasmania, receives the 2014 Nuffield Australia Scholarship supported by Horticulture Australia Limited using voluntary contributions from Nuffield Australia and matched funds from the Australian Government.

Karen hopes to reduce the assessment time of soft berry fruit by developing a technique for placement of gene markers in the plant.

With her husband, Karen owns and operates Brocklands Pty Ltd, a diversified horticultural business supplying plants and tissue culture material to the soft berry fruit and truffle industries, operating a tissue culture laboratory and running a joint venture raspberry breeding enterprise producing wheat, barley, chickpeas and sorghum.

Karen says at present it takes up to three years to get new soft berry fruits to market for assessment. However, she believes this time could be halved by using Polymerase Chain Reaction (PCR) technology to develop a technique for placement of gene markers in the fruit.

“This could mean instant verification of pathogens residing in plant tissue, enabling rapid multiplication which then results in material being released to the market in just 18 months.”

Karen hopes to visit Oregon, Arkansas and California in the USA, as well as the UK, Chile, Morocco and New Zealand.

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TANIA CHAPMAN, from Mildura in Victoria, receives the 2014 Nuffield Australia Scholarship supported by Rabobank.

Tania will research citrus varieties grown around the world to assess suitability for Australian growing conditions, cost efficiency of production and market opportunities they may create.

With her family, Tania owns and operates a 140-hectare citrus property south of Mildura, producing Navel oranges predominantly for export and Valencia oranges for the export, domestic and juice markets.

Tania’s key role in the business is in finance and marketing, with responsibility for the quality assurance program, Maximum Residue Limits and other protocols to ensure that they can export to as many markets as possible. Currently, Mildura Fruit Company exports to 32 countries worldwide.

Tania would like to research the varieties grown in various countries and to see if they are not just suitable for our growing conditions, but can also be produced cost-efficiently, as some varieties require a lot more manual work during the production process. In addition, she is keen to identify counter-seasonal marketing opportunities.

“We provide too much citrus for domestic consumption and currently our industry has an oversupply in key months of our production season. To address this imbalance, we need to identify and switch to new varieties consumers want,” Tania says.

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NIGEL CORISH, from Gooddivindi in Queensland, receives the 2014 Nuffield Australia Scholarship supported by the Cotton Research and Development Corporation and Cotton Australia.

Nigel will study Fertiliser Use Efficiency (FUE) in irrigated cotton crops.

The family business consists of four mixed farming properties on the NSW-Qld border, with 4,000 hectares of irrigated cotton grown annually as the main crop.

They also grow about 4,000 hectares of dry land cultivated crops, including wheat, chickpeas and sorghum, as well as operating a lamb feedlot and running 130-head of Angus breeder cows.

Nigel’s role in the business is to manage and operate one of the properties, Yambocully. He is also part of the Corish Farms management group, which manages the financial decisions across the businesses. With fertiliser, and in particular nitrogen, being one of the biggest farm input costs Nigel is keen to study how to improve both FUE and Nitrogen Uptake Efficiency (NUE) on both his own farm and across the industry.

“There are a number of different forms of nitrogen and a number of different crop application methods,” says Nigel. “My studies will allow me to find the most efficient type and way to apply nitrogen to the crop,” he explains.

Nigel hopes to visit USA, Brazil, China and Europe to complete his studies.

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Record number of scholarships awarded in 2014

Nuffield Australia awarded a record 21 scholarships from around Australia at its National Conference in Perth in September, giving a resounding vote of confidence in the next generation of agricultural leaders.

“We are so pleased to be able to award a record 21 Scholars for 2014,” said [former] Nuffield Australia Chairman, Terry Hehir. “Not only do they bring a new range of experience and knowledge into our organisation, but they are also about to have an experience many alumni have described as life-changing.

“Our 2014 Scholars will be focussing on a wide range of topics - including global export opportunities for vegetables, Unmanned Aerial Vehicles for the grains industry, improving crop germination and yield in a drying climate, intensive hydroponic berry production, productivity gains for dairy farming and commercial viability of alternative flower petal products.”

Australia 2014 Cont/d on page 12
Colin De Grussa, from Esperance in Western Australia, receives the 2014 Nuffield Scholarship supported by CBH Group and CSBP. Colin will research how farmers across the globe interact with government for the benefit of their industry. He works in a family-owned and managed 2,100 hectare farming enterprise, with a 1,600 hectare cropping program consisting of wheat, barley and canola. In addition, the operation turns off around 1,000 prime lambs a year. Colin would like to investigate the ways that primary producers in other nations are engaging with policy makers, and the role of government in the future of agriculture.

“The intention is to identify how farmers and agribusiness can build strong, positive connections to ensure informed policy decisions are made by our politicians. Non-agricultural lobby groups are increasingly influencing politicians while farmers appear to have lost their ability to influence policy direction,” he explains. Colin would also like to examine the way farmers and agribusinesses interact with consumers. To complete his studies, Colin would like to visit North America, the UK and a range of EU nations, to meet with farmers, lobby groups, politicians and advisors.

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Wayne Dredge, from Lakes Entrance in Victoria, receives the 2014 Nuffield Australia Scholarship supported by the Fisheries Research and Development Corporation and Woolworths. Wayne will research various methods of fishing for species such as Gummy Shark and also hopes to assess the environmental outcomes of the techniques on fish stocks and broader environment. Wayne is a commercial fisherman working in the Commonwealth Southern Shark Fishery and the Tasmanian and Victorian Southern Rock Lobster Fisheries. As owner/operator of the “Opal Star”, Wayne spends up to eight months a year at sea, with annual harvest averages of around 15 tonnes of Southern Rock Lobster and 25 tonnes of primarily Gummy Shark. Other catch includes Octopus, some scale-fish and crabs. Wayne would like to study research methods of hook-based fishing compared to gill-net fishing for Gummy Shark, taking into account environmental impact.

“In doing so I wish to compare the efficiency, sustainability and impact on marine mammal interactions of gill-net fishing to hook-fishing as well as identifying which, if any, hook-fishing systems are most likely to be the most successful in our unique Southern Fishing Grounds,” he explains.

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Emma Germano, from Mirboo North in Victoria, receives the 2014 Nuffield Australia Scholarship supported by Horticulture Australia Limited using funds from the National Vegetable R&D Levy and matched funds from the Australian Government. Emma will research global export opportunities for vegetables and other primary produce. Emma is Business Development and Operations Manager for ‘Germano Produce’, a family business supplying cauliflower and cabbage crops for the Australian eastern seaboard fresh market and Woolworths Australia.

The family farm is around 120 hectares, with about 50 per cent planted to vegetable crops. The business currently grows approximately 50,000 cauliflower plants per week for six months of the year and also grows broad beans, cabbage, and Chinese cabbage periodically during the six-month harvest period. Emma will research how different countries approach the issue of export, including what government programs are available to growers, as well as the market opportunities for Australian produce. “I expect this will involve the study of tariffs and free trade agreements, and also how subsidies have an effect on global trade. To complement this, I would also like to investigate how Australia is able to compete in the global food market,” she explains.

Emma plans to visit Europe, Israel, Brazil and China to complete her studies.

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Greg Gibson, from Hagley in Tasmania, receives the 2014 Nuffield Australia Scholarship supported by the Sidney Myer Fund. Greg will study the latest drainage techniques, with the aim of increasing production on non-performing ground through better water management.

Greg manages the family farm in northern Tasmania, a 530-hectare intensive farming operation with a cropping program consisting of alkaloid poppies, onions, processing peas, broccoli and potatoes. Also grown are an array of seed crops including carrot, beet, clover and ryegrass seed. The grazing program consists of an Angus cow herd of 170 head and a 5,000 head fat lamb trading operation.

With water logging a significant issue in the district, Greg’s studies will focus on advances in drainage technology.

“We cannot continue to spend resources on ground that is not producing. To bring non-performing ground into production through better water management and soil health is my goal. “I would like a better understanding of water management, including Variable Rate Irrigation (VRI), soil moisture monitoring and drainage,” he explains. Greg is particularly interested in the feasibility of farmers using a rear-mounted drainage machine on their own tractors. He will travel to the USA, Canada and Europe during his travels.

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Nick Gilles, from Bencubbin in Western Australia, receives the 2014 Nuffield Scholarship supported by the Grassland Research and Development Corporation. Nick will study innovative ways of improving crop germination and yield in a drying climate.

As co-owner and principle manager of the family-owned farming operation in the low-rainfall eastern wheat belt of WA, Nick crops over 5,600 hectares of wheat and over 900 hectares of barley annually. The Gilles’ also run some sheep on the remainder of their property.

With three of his district’s worst winter rainfall years on record occurring in the last ten years, Nick would like to study how to improve wheat germination for better plant establishment in marginal conditions. Nick has a wide range of research targets, including investigating soil moisture measuring devices, mechanical intervention to improve the seedbed and hydro-priming of seed pre-planting.

“I’d also like to look at pre-treatment of seeds with salicylic acid, or similar, to improve the imbibition process, wheat genetics and also soil ameliorants for retaining moisture within the root zone,” he says.

To complete his studies, Nick hopes to visit India, the USA, Mexico, North Africa, Iran and South Africa.

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Tim Gibbins, from Moyston in Victoria, receives the 2014 Nuffield Australia Scholarship supported by Australian Wool Innovation. Tim will study how to achieve the full potential of the Merino sheep breed.

Tim is livestock manager on a Western Districts property, with responsibility for a merino flock consisting of 5,500 commercial ewes and 600 stud ewes, 4,000 weaners and 2,000 mixed-age weathers.

The operation also includes a merino stud and has a winter grazed area of approximately 1,200 hectares, as well as an annual cropping program of around 3,000 hectares.

Tim would like to study the Merino breed with a focus on their period from conception through to weaning.

“I see lambing losses as one of the biggest issues related to this period, but there are also animal welfare concerns.

“I would like to explore the use of DNA markers and electronic identification to better understand genetic traits that could help with lamb survival and growth rates,” Tim says.

Tim believes the wider industry stands to benefit from anyone who can improve the Merino’s ability to conceive and raise a lamb that has the ability to survive to weaning age.

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Emma Germano receives the 2014 Nuffield Scholarship in Australia, which is supported by Australian Wool Innovation. Emma will study how different countries approach the issue of export, including what government programs are available to growers, as well as the market opportunities for Australian produce. Emma explains that she expects this will involve the study of tariffs and free trade agreements, and also how subsidies have an effect on global trade.

Emphasis will be placed on complementing this with the issue of pre-treatment of seeds with seeds such as salicylic acid or similar, to improve the imbibition process, wheat genetics, and also soil ameliorants for retaining moisture within the root zone.

To complete her studies, Emma plans to visit Europe, Israel, Brazil, and China to carry out her research.

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Nicki will study intensive hydroponic berry production within greenhouses. Nicki and her husband are hydroponic rose growers on the Central Coast of New South Wales, producing 6,000 square metres of roses and selling over a million stems a year.

She is in charge of strategic planning and management, plus the sales and marketing of the roses. With a new project underway to grow berries in a fully hydroponic and closed greenhouse system, Nicky would like to further investigate intensive hydroponic berry production on a large commercial scale and whether the system can be combined with aquaculture.

“There are some Australian aquaponic projects producing both fish and leafy greens, like lettuce, herbs and Asian vegetables. However, none to my knowledge are combining hydroponic berries or hydroponic flowers with aquaponics and this provides huge opportunities for this type of production,” she explains.

Nicki would like to visit the USA, Canada, New Zealand, Brazil, Mexico and Europe.

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Hannah will research the ability of Electronic Identification Devices (EID) to deliver production benefits to sheep farmers, with traceability as a bonus. Hannah is farm manager of a family-owned 1,080-hectare prime lamb property, one of three farms the family operates.

It is a fully integrated business, involving merino, first cross and second cross lamb production. She puts 4,500 first cross ewes to Dorset rams, with lambs grown for the domestic and export markets.

While traceability may be the underlying benefit for using EID in sheep, Hannah believes there needs to be significant production benefits that are user-friendly to ensure adoption by the industry. Hannah believes EIDs could help manage seasonal risk by ensuring excess sheep are sold on poor performance, rather than age, and will also ensure the increasing cost of inputs are used most efficiently.

“The technology can help farmers make informed decisions, but it needs to be practical and relevant,” she explains.

Hannah plans to visit New Zealand, the Middle East, America, Europe and Asia to complete her studies.

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Paul will research an integrated dairy farm management system that includes the physical and financial information to reduce risk in the business. Paul is Business Manager (Dairy) for the Van Diemen’s Land (VDL) company, Australia’s largest dairy farming business.

Paul’s role is to oversee the production and profitability of the dairy business, which includes 25 dairies ranging from 300 to 1,800 cows and a heifer-rearing facility.

Paul has several areas he would like to investigate in researching an integrated dairy farm management system. “I’d like to see how to integrate commodity pricing into our management system, research environmental recording and monitoring, and grazing management, as well as to look at stock information and management,” he explains.

With 25 similar, but unique farms, Paul has an ongoing challenge in monitoring both the current, seasonal performance of the properties, as well as adjusting to longer-term factors.

Paul hopes to visit New Zealand, the USA, Brazil, Ireland, China and Saudi Arabia to complete his studies.

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Australia 2014 Cont/d on page 14
AUBREY PELLETT, from Hill End in Victoria, receives the 2014 Nuffield Scholarship supported by the Geoffrey Gardiner Dairy Foundation.

Aubrey would like to visit Europe, the UK and Hong Kong on his travels.

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He is a dairy farmer, milking 450 cows on approximately 190 hectares of milking area and 40 hectares of support area. Being self-employed, Aubrey is the prime decision maker in the business, along with his spouse.

Aubrey plans to examine productivity opportunities Australian dairy farmers may have when looking out 20 years into the future, with a focus on the major opportunities that will deliver ‘more from less’ for the industry.

“I’d like to identify how dairy businesses will profit from the opportunity to feed a larger, wealthier population, but with greater scrutiny on inputs and environmental performance in the long-term.

“I see plenty of areas to investigate, including next generation ryegrasses, alternative hcorpoved feeds, cow genetic improvement, as well as robotic milking and feeding,” he says.

Aubrey would like to visit Germany, Holland, New Zealand and the USA on his travels.

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BEN RALSTON, from Batemans Bay in New South Wales, receives the 2014 Nuffield Australia Scholarship supported by the Fisheries Research and Development Corporation.

Ben will study how to educate Australian restaurant owners/chefs and retailers in serving and handling oysters, creating better links through the supply chain to the benefit of farmers and consumers.

Ben is an oyster farmer on the South Coast of New South Wales, where he produces 80,000 dozen oysters annually on 10 hectares. He is self-employed and responsible for all aspects of his business, including marketing, sales, finances, compliance and regulation.

He would like to see Australian restaurants - and the wider community - order live oysters direct from farmers, shucking and serving the oyster meat in its own natural juice, a common practice overseas.

Ben believes oysters are at their best when they go direct from farm to retailer, giving value to the consumer and more profit for the farmer.

“Using my Nuffield Scholarship, I’d like to experience first-hand how overseas industries handle demand for their product and sell oysters live. This knowledge can be brought back not just for the benefit of farmers, but the chefs and restaurants that sell our oysters,” he explains.

Ben would like to visit Europe, the UK and Hong Kong on his travels.

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CHRIS REICHSTEIN, from Esperance in Western Australia, receives the 2014 Nuffield Scholarship supported by the Grains Research and Development Corporation.

Chris will study how best to deliver information to farmers in order to bring about practice change, resulting in improved profitability and/or sustainability.

Chris crops wheat, barley, canola and field peas over an area of 4,000 hectares north-east of Esperance in the 400 millimetre rainfall zone. The business is purely grain being phased out in 2007.

Chris says while a great deal of research and development work is undertaken in Australia, the packaging and delivery of the messages by traditional means is giving a poor return on dollars invested.

“Like most, farmers are time-poor, so I’d like to investigate the best combination of technology, media, social and scientific means that can be employed to best disseminate this valuable information, and research what role grower groups can play,” Chris explains.

Chris says while his studies may be targeting change at the research and extension level, the benefits would encompass all stakeholders.

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Sarah will research the commercial viability of alternative flower petal products, as well as advancements in the production, packaging and marketing of rose petals.

With her mother, Sarah founded Australia’s first rose petal farm nine years ago and now they grow and freeze-dry the largest colour range of rose petals in the southern hemisphere.

Sarah grows the rose petals outdoors on the family farm, where they have more than 6,000 rose plants and a small crop of hydrangeas, which produce from October through to July.

Sarah will research alternative flower petal products to ensure the domestic industry continues to evolve and thrive.

“My studies will investigate the production and packaging of edible rose petals for culinary use, as well as certified organic rose petals and their commercial viability,” Sarah says.

She will also include research into niche markets, including rose petal oil, crystallized flowers and tourist shops or cafes on flower farms.

Sarah hopes to travel to Ecuador, the UK, France, Bulgaria, Germany and the USA.

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Blog: www.sarahsammon.com

KESHAV TIMALSENA, from Armidale in New South Wales, receives the 2014 Nuffield Australia Scholarship supported by Woolworths.

Keshav will research the use of semi-enclosed glasshouses to maximise tomato production while minimising inputs and waste.

Keshav is employed as senior grower manager of Tomato Exchange, a hydroponic tomato producer with 20 hectares of production under glass. The company produces over 12 million kilograms of truss tomatoes and over one million kilograms of cocktail tomatoes annually for the major supermarket chains.

Keshav says there is an opportunity in the Australian industry to modernise glasshouses, resulting in higher yields while reducing environmental impact.

“There is new technology in the US called semi-enclosed module greenhouses, which have a very clean environmental footprint,” he explains. “In this system, carbon dioxide produced from burning natural gas is retained within the greenhouse. This air is recycled and not released to the atmosphere as in typical glasshouse operations.”

Once this new technology is established in Australia, Keshav believes it will help his industry maximise yields while reducing environmental impacts.

Keshav’s travel itinerary includes the USA, Europe, Mexico, Brazil, Canada and New Zealand.

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DARYL CHUBB, based at Ircauna, Alberta, is a 2014 Canadian Nuffield Scholar recipient.

Daryl grew up on a grain and cattle farm in west central Canada and developed a passion for agriculture early in life which he has now coupled with an entrepreneurial spirit.

After completing his Bachelor of Science at the University of Saskatchewan, Daryl went on to manage a major crop enterprise business, and most recently, start his own agriculture consulting firm, DeNovo Ag.

As a Nuffield Scholar, Daryl will continue working towards the same goals he has set in his professional career. Agronomically, these goals include studying management techniques that increase plant and nutrient efficiency.

Further to that, he will investigate other agronomic attributes that contribute to yield and quality - such as genetic potential, lodging risk, and the use of growth regulators.

Professionally, he will continue to expand and diversify his agricultural and business knowledge, utilising that which he learns to create custom agronomic solutions in a diversity of management areas. Follow Daryl at @DarylChubb.

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Twitter: @DarylChubb
Website: www.DeNovoAg.com

STEVE WOLFGRAM, from Stratford, Ontario, receives a 2014 Nuffield Scholarship and will be studying factors that affect the sustainability of food animal agriculture (pork, beef and sheep) in Canada.

Steve is a veterinarian at South West Ontario Veterinary Services in Stratford, where he also lives with his wife, Leesa, and children Alexandra and Sam.

For the past ten years, Steve has focused on swine herd health and management. Prior to that, he worked in a mixed animal practice, where he dealt primarily with beef and dairy herds.

“The term ‘sustainability’ is sometimes overused or misunderstood, but to me it encompasses profitability (while maintaining an affordable food source), environmental impact, animal health and welfare, and food safety,” says Steve.

“I believe that the Canadian food animal industry is at a cross-road when it comes to sustainability. We need to learn from our past and from other regions that have undergone similar changes, while looking to our future needs, both domestically and abroad.”

Steve will visit China, Brazil, Europe and the USA on his travels. During his studies, updates can be found on Twitter @Steven_Wolfram, or on his blog site (www.stevenwolfram.wordpress.com).

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CHERYL HAZENBERG, from Calgary, Alberta, is a recipient of a 2014 Nuffield Scholarship, and will be studying traceability in beef and ways in which Canada can adapt its systems to meet global consumer demands.

Cheryl’s passion for the beef industry started when she was a teenager on her family’s commercial beef operation in Central Ontario and continued at the University of Guelph where she obtained an agriculture diploma. She is currently the Director of Technical Services for the Canadian Angus Association where she has worked for seven years.

A proud advocate of the beef industry, Cheryl believes that presenting the facts to those who don’t know about food production is the best way to bridge the gap between the food producers and food consumers.

“Consumers are becoming more educated about how their food is raised every day. Our industries need to be able to provide the information they are looking for,” says Cheryl.

Cheryl will travel to Australia, China, Uruguay, Ireland, the UK and France to look at different systems employed by other countries and to learn from consumers.

Follow Cheryl's travels at @CherylHazenberg and www.havevacationwilltravel.blogspot.ca.

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www.havevacationwilltravel.blogspot.ca.

Email: jenniferleroux@live.fr

Justine is a dairy farmer’s daughter who is passionate about agriculture and who studied animal production at university.

Following her studies, she gained valuable experience on a dairy farm in south-west Victoria in Australia with Glenn and Roma Britnell. Back in France, Jennifer now works for BCEl Ouest.

She supports 55 dairy farms, giving advice on a range of subjects - such as feeding systems, nutrition, reproduction and genetics. In the future, she hopes to take over the family farm.

Her Nuffield Scholarship topic is the usage of corn and alfalfa (lucerne) in the dairy industry. She will travel to Canada, China, the USA and New Zealand on her studies.

Email: jenniferleroux@live.fr

**FRANCE 2014 Nuffield Scholars**

JUSTINE DUTHEIL, from Brittany in north-western France, is a 2014 Nuffield Scholarship recipient, supported by France Génétique Elevage.

Justine works in horticultural research and is currently working on a program on cover crops for the GEVES. In a few years, it is her ambition to set up a sheep farm together with her husband.

Justine will study and compare different sheep breeding systems in the world as part of her scholarship. She will try to understand how the environment affects the technical and commercial choices of sheep breeders. This study will also enable her to identify the strengths and weaknesses of each system, in order to help her to make the best choices later in her own breeding programme.

To carry out her research, Justine will be visiting Australia, New Zealand, the UK, Ireland, the Netherlands, Patagonia, China and India.

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LIONEL LAUTURE, from Lauzerte in Southern France, is a 2014 scholarship recipient.

Lionel works on the family farm where he cultivates 110 ha of sunflower, wheat and green lentils. He also grows 60 ha of herbs for sheep and 5 ha of fruit and vegetables - including asparagus, melon, tomato, squash, chestnut, cabbage. The family business also operates a small vineyard.

Lionel will study quinoa in order to understand the technical aspects of growing the crop and to see if he could develop it on his own farm and in his region. He thinks that quinoa could be seen as an alternative in the food consumption.

Countries he would to like to visit include South America, and in particular Bolivia, Peru, Ecuador, Brazil, Colombia, Argentina and Chile. He will also carry out his studies in France and the Netherlands.

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JENNIFER LE ROUX is 25 years old, and is a 2014 French Nuffield Scholar from Brittany, in the north-west of France.

Jennifer is a dairy farmer’s daughter who is passionate about agriculture and who studied animal production at university.

Following her studies, she gained valuable experience on a dairy farm in south-west Victoria in Australia with Glenn and Roma Britnell. Back in France, Jennifer now works for BCEl Ouest.

She supports 55 dairy farms, giving advice on a range of subjects - such as feeding systems, nutrition, reproduction and genetics. In the future, she hopes to take over the family farm.

Her Nuffield Scholarship topic is the usage of corn and alfalfa (lucerne) in the dairy industry. She will travel to Canada, China, the USA and New Zealand on her studies.

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NEW ZEALAND
2014 Nuffield Scholars

LUCY CRUICKSHANK, a 2014 New Zealand Scholar, is an entrepreneur who lives in Masterton where she owns sales and marketing company, Innov8 Aotearoa.

Lucy completed commerce and physical education degrees (marketing and management) at Otago University. She participated in the FAME programme (Food and Agribusiness Marketing Experience) in 2006 and won a Jenesys Scholarship in 2010.

Lucy spent six years as marketing manager for the $250 million Wakatu Incorporation in Nelson and then became global sales manager for beekeeping and manuka marketing company, Watson & Son in Wairarapa.

Since October 2009, Lucy has owned Innov8 Aotearoa and has been assisting NZ companies with strategically selling and marketing their food and beverage products, with a focus on export development. She spent seven years as a FAME Trustee and is on the Masterton Licensing Trust.

For her Nuffield Scholarship, Lucy is proposing to look into either the positioning of manuka and other NZ honey off-shore, including market validation, grading criteria, channels to market and competition from other countries; or a project on sheep's milk and related products (powder, milk, cheese, ice-cream and yoghurt).

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JOHN MURPHY, a 2014 New Zealand Scholar, is the general manager of Marlborough Garlic Ltd, his family's garlic and shallot operation.

John and wife Jo live in Blenheim with their two-year-old daughter Isabel and their new baby Michael.

John has a Bachelor of Arts (Political Science) from Canterbury University and a Bachelor of Arts Honours (Public Policy) from Victoria University. During his study, he completed an internship at Parliament which led to a year as a trainee public relations consultant. He worked as a business analyst for Capital and Coast District Health Board, did a post graduate paper in applied economics at Massey University in 2005 and also undertook the Horticulture NZ Leadership Course in 2011.

With Marlborough Garlic, John oversees planting, growing and harvest programmes in the field, alongside drying, packing, processing and marketing of their products. Recently, he has also been working on the transition to a new company structure and the processing of new convenience products that he sees as a big part of the company’s future.

One of John’s goals for the third-generation company is to be the “best garlic and shallot operation in the world” with a commitment to profitability, doing things the “right way”, providing consistency of supply and innovation. Outside of the business, John would like to continue to grow in a leadership and governance capacity. He is a director of Vegetables NZ and chairman of the Alliums Crop Advisory Group. This year he has been elected chairperson of the Marlborough Process and Fresh Vegetable Growers Society. John and Jo have also planted a 4 ha Sauvignon Blanc vineyard which reached maturity in 2012.

For his scholarship, John is interested in how good farming practice can be turned into big business without losing its “essence”, its core focus and its edge while expanding. He will be exploring if the family-based nature of many primary industry businesses impedes growth and innovation, or if it can be an advantage?

Blog: johnmurphy14.wordpress.com
Twitter: @NZGarlic

PAUL OLSEN, a 2014 New Zealand Scholar, is a Manawatu-based potato grower who has also diversified into dairy farming and finishing cattle.

Paul’s Nuffield Scholarship studies will concentrate on potato (cropping) production, delving into how New Zealand is going to play its part in feeding the growing global population.

Paul has been involved with the family farm, Olsen Partnership/Okinu Agriculture, since returning from Lincoln University with a Diploma in Farm Management. In 2006, he took over the management of operations on the cropping side of the business including staff, process contracts and quality assurance. In 2008, he started growing potatoes himself with seasonal supply going to Mr Chips. He also finishes cattle and is part of an equity partnership in a dairy farm in the Wairarapa.

Paul has completed a number of leadership and professional development courses, including Kellogg Rural Leaders. He was the NZ delegate to Asia 4H Network youth conference in Korea in 2011 and was a 2012 recipient of a Woolworths Australasia Agriculture Scholarship.

Paul was national president of NZ Young Farmers (2011-2013) and is still involved with the organisation as a board member and on the management committee of the Young Farmer Contest.

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MEL POULTON, from the New Zealand North Island, is a 2014 New Zealand Scholar. She is the western North Island extension manager for Beef and Lamb New Zealand.

Married to Mike, Mel also plays a active role in their 840ha sheep and beef farm business near Dannevirke – working stock whenever she gets the chance and adding to tactical and strategic management of the business.

Mel’s research topic may look at how New Zealand captures value for New Zealand through the sharing of “our brains and technology to leverage access to markets for the sale of our food and beverages”.

To add value to farmers through the western North Island extension programme for Beef and Lamb New Zealand, she works with teams of farmers, collaborates with academics, scientists and rural professionals to ensure relevant information, tools and technology are delivered.

Mel also sits on a number of regional committees across the Western North Island, including the Sustainable Farming Fund Leptospirosis project, Baliance Farm Environment Awards and adverse events and rural advisory groups.

With a background in event management, she also has an applied science degree from Massey University – having majored in agriculture and agribusiness.

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DAN SHAND is a 2014 New Zealand Scholar who farms the 7,000 hectare Island Hills Station at Culverden in North Canterbury. He also has a beekeeping and honey operation known as Everything NZ Ltd.

Island Hills Station runs 1,100 lamb supreme ewes, 150 mustang hovels, 160 mixed sex rising one and two year olds and 30 R3 steers.

Dan and wife, Amanda, bought the farm from Dan’s parents in 2007, after moving back in 2002. They started the honey business and also a private walking track business called the Hurunui High Country Track (now closed for a few years to concentrate on family time with young children, Amalia and Hugh).

The couple won the 2012 Canterbury Baliance Farm Environment Award and Dan attended the 2013 Beef and Lamb New Zealand Leaders Environment Forum.

Goals include growing the honey business up to 700 hives and increasing Island Hills’ carrying capacity and production.

For his Nuffield Scholarship studies, Dan will explore sustainable solutions to secure the long-term economic contribution made by New Zealand’s bee population to agriculture. He will also study how mobile technology could be used as a data collection tool in the honey and red meat sectors to deliver a value proposition to farmers.

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SEAN COUGHLAN, based in Co. Mayo, situated in the West of Ireland, has received the 2014 Nuffield Scholarship sponsored by Aurivo. He will study “A transfer to dairying: the knowledge and capital required”. Sean is currently farming a mixture of lowland and mountain grazing. The farm is currently stocked with 50 sucker cows and 300 Mayo blackface sheep with an emphasis on utilising as much grass as possible. Fragmentation is a particular issue for this farm as the 110 ha is divided into no less than 13 separate land parcels. Disillusioned by the lack of profitability and being reliant on EU subsidies, Sean identified low-cost grass-based dairying as the best way of turning grass into profit. With the disappearance of dairy quotas in 2015, access to land will become the biggest barrier to a career in dairying as only 0.25% of farmland in Ireland is traded on the open market annually.

“The aim is to create a simple, viable, sustainable and enjoyable farm business that is capable of surviving without EU supports,” says Sean. “Hopefully, when set up, the farm can be used as a template that can be easily reproduced by other people in the west of Ireland planning a conversion to dairying.”

“Profitable dairy farming has the potential to contribute so much more to Ireland’s rural economy compared to the present system of subsistence farming.”

Sean’s intends to study new dairy start-ups in the UK, Australia, New Zealand, Chile and the USA.

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MARY DELANEY has been awarded the 2014 FBD Trust Nuffield Ireland Farming Scholarship.

Mary’s area of study will be ‘Sustainability – the carbon challenge for Irish dairying and beef’.

Originally from Co. Monaghan, Mary is married to David and together they run a spring calving dairy farm in Co. Cavan. They have two children, Gerard and Daniel.

Mary has an honours degree in agricultural science from UCD, specialising in Agribusiness and Rural Development. Mary is the Sales Manager for GAIN Horse Feeds which is the equine feed brand of Glanbia plc. She is also a member of the council for the Agricultural Science Association (ASA) which looks after the professional interests of agricultural science graduates.

With the upcoming abolition of milk quotas in Europe, there are exciting and challenging times ahead for both the dairy and beef industries in Ireland, Mary predicts. She intends to investigate the impact of the carbon footprint challenge and the opportunities that exist at farm, milk/meat processor and retailer levels in Ireland.

Mary plans to carry out her studies in New Zealand, Europe and USA.

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MAYO BLACKFACE SHEEP WITH AN EMPHASIS ON UTILISING AS MUCH GRASS AS POSSIBLE.
2014 UK Nuffield Scholar, **ROBERT ALLEN**, receives the NFU Mutual Charitable Trust Award. His study topic: Turning data into information: how do we maximise the potential of digital technology?

Robert lives in Exeter and works as a Data Scientist at Landmark Information Group, which manages one of the UK’s largest environmental data holdings. Robert’s personal experience working with UK and US potato growers and processors has led him to want to research how the challenges of utilising digital technology in farming can be overcome. His study will take him across the US, UK and Europe.

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2014 UK Nuffield Scholar, **MARK BOWYER**, receives the Royal Norfolk Agricultural Association Award. His study topic: Technology into practice: how is new technology conveyed to arable farmers and do they use it?

Mark lives near Norwich and has been involved in arable farm management in the UK for the last 22 years. This has led to his choice of subject, investigating why UK arable farmers are not adopting new technologies considering if this is a result of lack of knowledge, or whether there are other underlying issues. He seeks to find out how other countries are transferring knowledge, and how they are preparing for the third agricultural revolution.

Email: parkfarmhouse@btinternet.com

2014 UK Nuffield Scholar, **JOHNNY ALVIS**, receives the Trehane Trust and Dartington Cattle Breeding Trust Award. His study topic: Achieving more from less: maximising dairy farming profitability utilising limited resources.

Johnny is a dairy farmer and chairman of a family cheese making company in north Somerset. He is looking to study the feasibility and methods needed to milk a large number of cows on a relatively small area of land, making use of modern dairy infrastructure. Areas of his study will include stakeholder and management issues, feed and manure movement, and good environmental practices, as well as welfare practices and social responsibility.

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2014 UK Nuffield Scholar, **JAMES DRUMMOND**, receives the Alan and Anne Beckett Award. His study topic: Optimising ewe performance for a productive sheep enterprise and a high quality finished lamb.

James farms on a family-run mixed livestock farm near Airwick, Northumberland. He aims to find tools for creating a more sustainable and profitable sheep sector. James plans to investigate the genetics and new breed lines being developed in test centres globally, as well as looking at new seed mixes and forage selection aimed at generating improvements in resistance and growth rates in livestock. He is also looking to focus on how grazing strategies and grassland management can reduce production costs.

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2014 UK Nuffield Scholar, **ROBERT DRYSDALE**, receives the Trehane Trust Award. His study topic: The future of beef production from the dairy herd: is integration a model that would work?

Robert is a Consultant Vet and Veterinary Manager for Blade Farming. His experience with batch rearing of dairy-bred beef calves has prompted him to undertake a Nuffield Scholarship. He plans to visit beef markets in the USA, Canada, Argentina, Uruguay, Chile, Australia and New Zealand to look at how these countries produce efficient beef and the extent to which they utilise dairy bred animals. Robert will also look at the UK and the EU, where some integration of beef, dairy and other agricultural produce sees end users linked to the farmers.

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2014 UK Nuffield Scholar, **SOPHIE EDBURN**, receives the Royal Three Counties Agricultural Society Award. Her study topic: On-farm methods to reduce antibiotic usage in broiler production.

Sophie is from South Shropshire and works with poultry producers providing liquid mineral systems. She is interested in investigating the methods being used around the world to reduce antibiotic usage. One of her key aims is to find products and practices that are being used on-farm and producing the desired results, as opposed to concepts that work in the lab, but not when applied in the field. Sophie hopes to visit Canada, America, Thailand, Netherlands and Denmark during her study.

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2014 UK Nuffield Scholar, **ALEX FOWLIE**, receives the Royal Highland Agricultural Society Award. His study topic: What role can land managers play in the emerging “New Energy” sector.

Alex, who is from a farming family in Aberdeenshire, is a partner in a renewable energy business which develops sites across Scotland. He aims to explore the successes and failures of current on-farm energy production from wind, biomass and anaerobic digestion, and how these opportunities can be maximised going forward in the UK.

Email: fowlie_alex@hotmail.com


Bruce lives and works in Cornwall, managing his ornamental plant nursery, which supplies 15 million young plants annually. He will research what the future holds for ornamental growers, not just as a study of mechanisation as an alternative to manual labour, but to also understand the constraints that so many companies in the industry work within. Bruce is confident that whatever the findings, they will be relevant not only to horticulture, but could be applied to other agricultural sectors.

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Jen Hunter, 2014 UK Nuffield Scholar, receives the Company of Merchants of the Staple of England Award. Her study topic: Modern wool processing. Jen is a sheep and beef farmer, who also runs an accommodation and education centre, including wool workshops, near Bristol. From her study, she hopes to find a solution to selling the annual wool crop, investigating the production cycle of wool products with a focus on methods of creating carbon neutral and regionally recognisable products. 

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Russ McKenzie, 2014 UK Nuffield Scholar, receives the HGCA Award. His study topic: Direct drilling: mastering extreme weather conditions. Russ runs a family farm, as well as managing a 750 hectare arable farming enterprise between Cambridgeshire and Bedfordshire. He wishes to investigate how direct drilling is used in wet and extreme weather conditions and consider if climate change will mean contending with more extremes in weather in the future. Russ is interested in finding out if it is possible to learn and adopt techniques which succeed in other countries for use in the UK.

Email: russ@tebbits.co.uk

Richard Pennock, 2014 UK Nuffield Scholar, receives the Yorkshire Agricultural Society Award. His study topic: Investigating different farming systems to improve efficiency in the UK beef industry. Richard runs a beef finishing unit and arable farm, housing 1,000 finishing cattle all-year-round, with 1,100 acres of arable land and 300 texel-cross and mule aires. He intends to look for ways to increase the profitability of beef production through reducing production costs, and investigate how large scale farming systems operate efficiently in other countries and how such systems could be adapted and implemented in the UK.

Email: RichardPennock@mytonhallfarms.com

Allister Mitchell, 2014 UK Nuffield Scholar, receives the Thomas Henry Foundation Award. His study topic: Marketing premium beef: e-commerce opportunities and business models. Allister lives in County Armagh, Northern Ireland and is involved in banking and has a suckler cow herd supplying premium beef. He wishes to visit organisations that have undertaken development of e-commerce channels to improve their businesses and evaluate a cross section of those who have been successful within agriculture and in other sectors. Allister plans to assess approaches to branding, communication and consumer engagement, and how consumer trends are identified. He will explore a range of approaches to the challenges, their solutions, and how these can be adopted with the UK beef market.

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Richard Pennock, 2014 UK Nuffield Scholar, receives the Micron Bio Systems Award. His study topic: From muck to gold: how to manage a farmer controlled business when it is successful. Kit is joint Managing Director of a contract farming company based in North East Norfolk farming around 1500 hectares. He is also Chairman of Anglia Farmers Ltd. Kit plans to look at what can be learned from other industries and at how best to identify and develop the next generation. He intends to visit Australia, New Zealand, America and Europe to meet with farmers, business leaders, chairman and CEO’s of cooperatives and other businesses to discover whether current management and succession systems are fit for a modern industry, and if they are not, what can be done to make them so.

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Richard Pennock, 2014 UK Nuffield Scholar, receives the Yorkshire Agricultural Society Award. His study topic: Investigating different farming systems to improve efficiency in the UK beef industry. Richard runs a beef finishing unit and arable farm, housing 1,000 finishing cattle all-year-round, with 1,100 acres of arable land and 300 texel-cross and mule aires. He intends to look for ways to increase the profitability of beef production through reducing production costs, and investigate how large scale farming systems operate efficiently in other countries and how such systems could be adapted and implemented in the UK.

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Neil McDonald, 2014 UK Nuffield Scholar, receives the Royal Welsh Agricultural Society Award. His study topic: Sustainable land tenure for the farmer and the next generation. Neil is a third generation Somerset farmer with a background in traditional mixed farming. With a business partner, he co-founded ‘Orchard Pig’, the cider and juice maker. He plans to investigate how cider growers can keep up with changing consumer tastes, with the knowledge that it can take seven years from tree planting to full production. Neil hopes to make sure that growers are producing the raw ingredients that producers require, and that orcharding systems used are still fit for purpose.

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Blog: www.orchardgroundforce.blogspot.com
2014 UK Nuffield Scholar, Werner Strydom, receives the Poultry Meat Group: Aviagen, Cobb Europe and Hubbard Award. His study topic: How can we reduce Campylobacter in the UK food chain?

Werner lives in Suffolk and is a Broiler Manager for 2Agriculture Ltd, supplying chickens to 2Sisters Food Group. His study will investigate Campylobacter issues starting at farm level, going on to look at the transportation of birds, and at what interventions are implemented at factory level. Werner also wishes to look at what role legislation, genotyping and different breeds of broilers play in reducing incidences of this disease in poultry.

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2014 UK Nuffield Scholar, David Walston, receives the Worshipful Company of Farmers Award. His study topic: Improving yields and profits by improving soils.

David farms a family arable farm near Cambridgeshire, growing wheat, rapeseed, peas, beans and sugar beet, on an area of about 800 hectares. He also has a small herd of Wagyu cattle. David plans to investigate how best to improve the quality of soils, through the use of direct drilling, cover cropping, soil nutrition, and bringing back livestock into the arable rotation. This is with a view to using fewer inputs to produce higher yields, greater sustainability, and larger profits.

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2014 UK Nuffield Scholar, Maeve Whyte, receives the John Oldacre Foundation Award. Her study topic: Eat your sprouts! - tackling the food waste issue.

Maeve works for the British Agriculture Bureau in Brussels, which represents all UK farming unions. She plans to focus her research on the issues most relevant to the UK farming industry and look at how to develop better food waste policies, the potential technological solutions and the impact that public-facing food waste campaigns are having on farm. Maeve would like to see what lessons can be learned from others and is hoping to travel to New Zealand, the US and India.

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