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**THE CRAWFORD FUND**  
*For a Food Secure World*

# **THE BUSINESS OF FOOD SECURITY:**

**Profitability, sustainability and risk**

The Crawford Fund  
2015 Annual Parliamentary Conference  
Parliament House, Canberra

**10-12 August 2015**

*Editor: Janet Lawrence*



## CONFERENCE DELEGATES AND CRAWFORD SCHOLARS 2015

Delegates to the 2015 conference are listed below. The Crawford Fund and its supporters also sponsored 45 young Australian agricultural scientists (asterisked) to attend. This initiative supports the Fund's aim of increasing young Australian agricultural scientists' involvement in international agricultural development.

*Abdelsayed, Ms Mary	Holstein Australia
Abetz, Eric	Senator for Tasmania
Alders, Associate Professor Robyn	Crawford Fund NSW Committee
Allami, Monica	Agriculture
Anderson AO, The Hon John	The Crawford Fund
Andrews-Marney, Mr Sean	University of Western Sydney
*Ang, Mr Gurion	University of Queensland
Angus, Dr John	CSIRO Agriculture
Anthony, Dr Vivienne	Syngenta Foundation for Sustainable Agriculture
Armstrong, Dr Tristan	DFAT
*Athiyannan, Mr. Naveenkumar	CSIRO
Austin, Dr Nick	ACIAR
Bajada, Ms Jaelle	CropLife Australia
Baker, Dr Jeanine	Department of Agriculture
Barclay, Laura	University of Western Sydney
Barnes, Mr Paul	National Australia Bank
Bateman Vargas, Ms Natalia	ARC Centre of Excellence for Translational Photosynthesis
Battaglia, Dr Michael	CSIRO
Bhariok, Mr Sameer	Elanco, Asia
Blight, Dr Denis	The Crawford Fund
*Bond, Dr. Jennifer	Mallee Sustainable Farming
Borevitz, Prof Justin	ANU
*Borowski, Mr Thomas	University of Sydney
Botes, Mr Charl	NAB
Brett, Mr Chris	Olam International
Brown, Dr Nicholas	ANU

Browne, Miss April	University of Western Sydney
*Brunton , Mr David	SARDI
Burdon, Dr Jeremy	GRDC
Burns, Mr Craig	Rural Industries Research and Development Corporation
Bush, Associate Professor Russell	University of Sydney
Chalet, Mr Andrew	Russell Kennedy Lawyers
Chartres, Dr Colin	The Crawford Fund
Chester, Lisa	Member for Bendigo
*Chowdhary, Miss Ritika	CSIRO Agriculture Flagship, Canberra, Australia
Clark, Mr Richard	GRDC
Claydon MP, Sharon	Federal Member for Newcastle
Cleland, Robyn	Office of Gene Technology Regulation
Clements, Dr Robert	Self-Employed
Cobb MP, The Hon John	Member for Calare
Coggins, Mr Sam	University of Sydney
Corner, Miss Sarrah	University of Western Sydney
Cornish, Lisa	Devex
*Cowley, Mr James	The University of Adelaide
Craswell, Dr Eric	Crawford Fund
Curnow, Jayne	ACIAR
*Dahl, Miss Brittany Olivia	Australian National University
Daly, Dr Joanne	CSIRO
*De Antoni Migliorati, Dr Massimiliano	Queensland University of Technology
De Meyer, Mr Julien	ACIAR
Dealtry, Miss Michaela	University of Western Sydney
Delforce, Dr Julie	Dept of Foreign Affairs & Trade
Dickman, Mr Richard	Bayer Crop Science
Dinh, Miss Helen	University of Western Sydney
Djikeng, Dr Appolinaire	BecA-ILRI Hub
Doepel, David	Murdoch Universtiy
Dolahenty, Mr Adrian	Bayer Australia
*Donoghoe, Mr Manannan	University of Sydney
*Dumbrell, Miss Nikki	The University of Western Australia
*Eather, Ms Jenny	ABARES/ANU



Eckard, A/Professor Richard	PICCC, University of Melbourne
Edgar, Mr Robert	Phillips Agribusiness
Enright, Mr Terry	The Crawford Fund
Eskesen, Ms Alison	Grow Asia
Etherington, Mr Richard	Kokonut Pacific Pty Ltd
Etherington, Dr Dan	Kokonut Pacific Pty Ltd
Ferroni, Dr Marco	Syngenta Foundation
Field, Mr Matthew	University of Western Sydney
Fienberg, Mr David	Australian Export Grains Innovation Centre
Fischer AC, The Hon Tim	The Crawford Fund
Fischer, DR Tony	CSIRO Agriculture
Fitzgibbon, Joel	Shadow Minister for Agriculture
*Foerster, Mr Martin	Monash University
Foscarianni, Melissa	Agriculture
*Foster, Mr Brodie	The University of Queensland
Fotia, Mrs Marijke	Scope Global
Fowler, Dr Cary	The Crawford Fund
Gendall, Dr Tony	La Trobe Univeristy
Gibberd, Mark	Curtin University
Gillespie, Dr	The Nationals
Gillespie, Ms Melina	The Crawford Fund
Gready, Professor Jill	Australian National University
Gregson AM FTSE, Dr Tony	The Crawford Fund
Grusche, Dr Peytee	Russell Kennedy
Gupta, Jayanti	Agriculture
Gyles, Ms Mandy	Mandy Gyles and Co
Harkin, Miss Ashley	University of Western Sydney
Harriss Olson, Ms Molly	Fairtrade Australia and New Zealand
Harsdorf, Mr Justin	CSIRO Agriculture
Hart, Annabel	World Vision
Hartley FTSE, Dr Margaret	Academy of Technological Sciences and Engineering
Harvey, Mr John	GRDC
Hastings, Dr Andrew	Academy of Technological Sciences and Engineering
Hauxwell, Dr Caroline	QUT
Hayes, Mr Edward	The Crawford Fund
Heaney, Mr Andrew	ACIAR

Hely, Dr Sara	Victorian Department of Economic Development
Henderson, Ms Robyn	ACIAR
Hetherington, Mr Jack	ACIAR
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*Holman, Miss Sharna	University of Sydney
Hounslow, Miss Megan	University of Western Sydney
Hughes, Mr Steve	SARDI
*Hunter, Mr Lachlan	The University of Western Australia
Hurditch, Dr Bill	Visy
Huttner, Dr Eric	ACIAR
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Inall, Mrs Annie	Guest
*Innes, Mr David	University of Queensland
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Jones, Mr Isaac	University of Western Sydney
Kalisch Gordon, Dr Cheryl	GrainGrowers
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Kelly, Ms Jennifer	CSIRO Agriculture
Kelson, Mr Grant	National Australia Bank
Kennedy, Mr Jackson	University of Western Sydney
Kropff, Professor Martin	CIMMYT
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Lawrence, Mrs Janet	Queensland Crawford Fund Committee
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Lee, Dr Lim Jung	PT Syngenta Indonesia
Lemerle, Deirdre	The Crawford Fund
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Lovett, Professor John	Plant Biosecurity CRC
Lynch, Miss Laura	University of Western Sydney
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Mackay, Dr Michael	Queensland Alliance of Agriculture and Food Innovation (QAAFI)
MacKinnon, Mr Ian	The Crawford Fund
Maghraby, Dr. Wahida	Global Food Studies
*Malfroy, Mr Sam	Plant Health Australia
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Markham, Mr Scott	UNSW Australia
Marriott, Ms Catherine	ACIAR
*Martin Avila, Dr Elena	CoE Translational Photosynthesis (ANU)
Martinez, Miss Jane	University of Western Sydney
Martino, Miss Natasha	University of Western Sydney
*McCormack, Ms Miriam	University of Tasmania
McGillion, Miss Therese	University of Western Sydney
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McKenzie, Ms Tara McKenzie	ACIAR
McLean, Lee	Agriculture
Mellink, Mrs Lilian	The Embassy of the Kingdom of the Netherlands
Mendham, Dr Neville	Crawford Fund
Mendham, Mrs Robyn	NJ RL Mendham
Metcalfe, Mr Andrew	EY
*Miller-Cooper, Miss Anika	QAAFI
Miraghazadeh, Dr Bahar	Australian National University
*Molesworth, Miss Anika	Charles Sturt University
Monjardino, Dr Marta	CSIRO
Mugera, Dr. Amin	University of Western Australia
*Mulder, Miss Katie	University of Tasmania
Mundree, Professor Sagadevan	QUT
Musry, Mr Bernie	University of Western Sydney
*Nantawan, Miss Usana	Griffith University

Nicholls, Dr Trevor	CABI
Nicol, Dr Julie	Dr Julie M Nicol & Associates P/L
*Nielsen, Miss Johanna	University of Southern Queensland
Ninnes, Dr Peter	Integrated Breeding Platform
Norton, Dr Sally	Vic Dept of Economic Development, Jobs, Transport and Resources
*Osborn, Ms Hannah	ANU
Patterson, Adam	DFAT
Patrick, Dr Ian	Institute for Rural Futures
Pengelly, Dr Bruce	The Crawford Fund
Pengelly, Mrs Carolyn	The Crawford Fund
Persley, Dr Gabrielle	The Crawford Fund
*Pilbeam, Ms. Victoria	Australian National University
Poire, Dr Richard	Australian National University
Pope, Erin	Curtin University
Pratt, Mr Anthony	Visy Industries
Purcell, Mr Marc	ACFID
Rabbi, Mr Barkat	University of Western Sydney
Radcliffe AM FTSE, Dr John	The Crawford Fund
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Ramsden, Ms. Jessica	Elanco Animal Health (Australia and New Zealand)
Reade, Cathy	The Crawford Fund
Redden, Dr Robert	RJR Agriculture Consultants
Reeves, Professor Tim	Timothy G. Reeves and Associates P/L
Reid AO, The Hon Margaret	The Crawford Fund
Reid, MR Rowan	Australian Agroforestry Foundation
Ridgway, Ashlyn	Curtin University
Ridsdill-Smith, Dr James	The Crawford Fund
Riley, Dr Malcolm	CSIRO
Rinaldi, Ms Sian	AgriFood Skills Australia
Ritman, Dr Kim	Department of Agriculture
*Rivers, Mr John	Research School of Biology, ANU
Robinson, Craig	DFAT
*Rochford, Mr Tom	World Youth Ag Summit
Rogers, Michael	Australian Food and Grocery Council
*Roxburgh, Mr Caspar	QAAFI - University of Queensland
Russell French, Ms Sarah	Dow AgroSciences



Ryan, Dr Jim	Retired
Ryan, Mr Mike	Department of Agriculture
Scott MP, Bruce	Member for Maranoa
Scott, Ms Grace	University of Western Sydney
Scott-Orr, Assoc Prof Helen	The Crawford Fund
*Shafiullah, Mr Sahibzada	CSU
Shearer, Mr David	ACIAR
Sikman, Natasha	Advisor to Shadow Minister for Agriculture
Sinn, Mrs Michelle	Qld Dept of Agriculture and Fisheries
Smith, Jack	The Crawford Fund
Soem, Mr Thomas	University of Sydney
*Stanger, Miss Kelly	Mackinnon Project
Stangoulis, Dr James	Flinders University
Stanilewicz, Mrs Cheryl	Austrade
Stapper, Dr Maarten	BioLogic AgFood
*Stead, Ms Sally	University of Melbourne
Stevens, Ms Tara	ACIAR
Stone, Dr Sharmon	Member for Murray
Stur, Dr Werner	ACIAR
Sudmalis, Mrs Ann	Member for Gilmore
*Sukee, Miss Tanapan	University of Melbourne
*Tan, Miss Jessica	South Australian Research and Development Institute
Taylor AO, Mr Mike	The Crawford Fund
*Tessema, Miss Bezaye	University of New England
*Tilbrook, Dr Kimberley	CSIRO Agricultural Flagship
Tony, Paul	WWF
Tucker, Dr Will	Office of the Gene Technology Regulator
*Tufail, Mr Muhammad Shoaib	Charles Sturt University
Vamvakinou , MP Maria	Member for Calwell
Van Oostende, Mrs Marchien	The Crawford Fund
Vandermark, Dr Sarah	ACIAR
VanderMark, Miss Elaina	Southern Farming Systems
Vassiieva, Dr Tatiana	Australian National University
Vella, Mr Chris	University of Western Sydney

Verburg, Ms Gerda	World Economic Forum's Global Agrnda Council
Voutier, Mr Paul	B4MD
Walker, Dr Daniel	CSIRO
Wang, Senator Zhenya	Senator for WA
Wensley AC, The Hon Penelope	Australian Institute of Marine Science
West, Elsbeth	Agriculture
*White, Ms Hannah	La Trobe University
Whittle, Mr Justin	University of Western Sydney
Wickes, Mr Roger	Crawford Fund
Willemse, Mr Jarrod	University of Western Sydney
Williams, Dr Meryl	The Crawford Fund
*Williams, Miss Megan	The University of Melbourne
Wilson, Dr Ryan	Department of Agriculture
Wilson, Mr Matt	World Wildlife Fund
Winter, Mr Simon	Rural Industries Research and Development Corporation
Windsor, Peter	University of Sydney
Wood, Ms Mellissa	ACIAR
Woodhill, Dr Jim	DFAT
*Wright, Ms Josephine	Sydney University
*Zhou, Dr Shuangxi	CSIRO Plant Industry
Zinkovsky, Ms Eva	CSIRO

## MEDIA COVERAGE 2015

### Media releases

**7 August** The business of food security: profitability, sustainability and risk

**11 August** Livestock part of the food security solution: trade and predictable science policy for innovation required – Mr Sameer Bhariok

**11 August** Working together towards a step-change in Asian agriculture – Ms Alison Eskesen

**11 August** Focusing private-public cooperation on farmers' needs – Dr Marco Ferroni

**11 August** Facing the uncomfortable challenge of food security – Dr Cary Fowler

**11 August** Collaboration essential for productivity and sustainable food security – Dr Martin Kropff

**11 August** Opportunities, challenges and stamina: working for farmers in Indonesia – Dr Lim Jung Lee

**11 August** Pushing agriculture into the stratosphere of innovation – Her Excellency Gerda Verburg

### Media coverage

**10 August** *ABC 666* Alex Sloan interview Cary Fowler

**11 August** *The Australian* story Anthony Pratt

**11 August** *Radio National Breakfast* interview Martin Kropff

**11 August** *ABC Current Affairs PM* interview Gerda Verburg

**11 August** *Radio Australia Pacific Beat* interview Gerda Verburg

**11 August** *ABC News Online* interview Gerda Verburg

**11 August** *Devex* Overview of conference

**11 August** *National Rural News* (Macquarie Network broadcast to rural stations across the country) interview Martin Kropff and Matt Willson

**11 August** *National Community Radio Current Affairs 'The Wire'* – interview with Martin Kropff and Matt Willson

**12 August** *ABC TV News 24 The World* – interview with Gerda Verburg

**12 August** Article highlighting the future of GM crops with opinions drawn from Gerda Verburg and John Anderson – appeared in *The Land*, *Farmer Weekly WA*, *Nth Queensland Register*, *Stock and Land Victoria*, *Stock Journal SA*

**13 August** *Genetic Literacy* article: 'Australian senators support GMOs as environmentally friendly, scientifically sound' – opinions of Gerda Verburg and John Anderson

**14 August** Opinion piece Anthony Pratt 'Safe food an asset' – appeared in *The Land*, *Farmer Weekly WA*, *Nth Queensland Register*, *Stock and Land Victoria*, *Stock Journal SA*

**19 August** *Wimmera Times* – Cary Fowler interview

**21 August** *ABC TV One Plus One* – Cary Fowler interview



THE CRAWFORD FUND  
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