



The Crawford Fund Annual Conference 2019

Scholar Days

Eastlakes Football Club, 3 Oxley St Kingston

SPEAKER & CHAIR BIOS

(as they appear in the program)

Day 1 - Monday 12 August 2019

Cathy Reade is the Director of Outreach at the Crawford Fund. She spent her early career working for a range of Canberra-based lobby groups. In 1989 she started working part-time for the Crawford Fund, along with her consultancy concentrating in the not-for-profit sector around agriculture, development/aid, S&T and environment policy, issues and events. Cathy manages the Fund's public affairs and some fundraising activities (this is her 29th conference), developed and manages a Crawford Fund Master Class in Communications for scientists in developing countries, and is passionate about the Fund's encouragement of young Australians in their study, careers and volunteering for food security, through its scholar, mentoring and travel awards programs. Cathy is also on the Board of the World Vegetable Center, which conducts research and carries out training and promotional activities around the role of vegetables for improved health and global poverty alleviation.

Jack Hetherington is the President of RAID and works at the Centre for Global Food and Resources, The University of Adelaide. Jack spends his time between Adelaide and Bogor, Indonesia working on a dairy project working with smallholders in West Java and North Sumatra. Previously, he was a Grad at ACIAR, where worked on a variety of projects looking at Agribusiness R4D and Mobile Acquired Data (MAD) apps. Jack has a bachelor degree in Animal and Veterinary Bioscience from The University of Sydney.

The Hon John Anderson AO is the former Deputy Prime Minister and Leader of the National Party of Australia (1999-2005); Minister for Primary Industries and Energy (1996-1998); Minister for Transport and Regional Development (1998-2005); served on Expenditure Review (Budget) Committee, National Security Committee and Standing Environment Committee while in Cabinet. He was the member for Gwydir, New South Wales 1989 to his retirement in 2005. John has returned to farming, and is also active in the not-for-profit sector. John Anderson is the Chair of the Crawford Fund and a member of the Board of Directors.

Dr Peter Carberry received his PhD in Agriculture from the University of Sydney. Before joining ICRISAT in 2015, Peter was a Chief Research Scientist in the Commonwealth Scientific and Industrial Research Organization (CSIRO), Australia. His expertise is in crop physiology and in the development and application of systems models. He is a key developer of the Agricultural Production Systems Simulator (APSIM) cropping systems model. Peter started his career as a Research Scholar at ICRISAT-India in 1982. Over the years he has held positions of Theme Leader, Economic & Environmental Performance of Australian Agriculture, CSIRO Agricultural Sustainability Initiative (2006-2009); Deputy Director, Agri-Industry & International Relationships (2009-2013), and Theme Leader, Partnering for International Food and Fibre Security, CSIRO Sustainable Agriculture Flagship (2009-2014). He has held several important scientific positions, including Board Director of the Australian Institute of Agricultural Science and Technology and President, Australian Society of Agronomy. He received the Australian Medal of Agricultural Science from the Ag Institute, Australia in 2013, the Officier de l'Ordre National du Burkina Faso from the Government of Burkina Faso in 2012, and is an Elected Fellow of the Australian Academy of Technological Sciences and Engineering, and the Australian Institute of Agricultural Science and Technology. He has published over 100 journal papers and many book chapters and conference papers.

Professor Robyn Alders, AO is a member of the Crawford Fund's NSW Committee and the recipient of the 2014 Crawford Fund Medal for her contribution to the world's food security and to childhood nutrition. She was born and raised on a grazing property on the Southern Tablelands of NSW. For over 20 years, she has worked closely with smallholder farmers in Africa and Asia as a veterinarian, researcher and colleague. For much of this time, she has been working on the development of sustainable Newcastle disease (ND) control in poultry in rural areas as this disease is a key constraint to small livestock producers, many of whom own only poultry. The ND control activities have included project management; epidemiology; production and quality control of thermotolerant ND vaccine; development and testing of innovative extension materials; community development; incorporating ethnoveterinary knowledge; training of extension personnel, animal health workers, livestock officers and laboratory personnel; and the development of user-pays schemes. Since 2004, Robyn has been involved with highly pathogenic avian influenza control and preparedness in Ethiopia, Indonesia, Kenya, Lao PDR, Malawi, Mozambique, Tanzania, Thailand, Timor-Leste and Vietnam. In Indonesia, she oversaw the training and communication components of the FAO HPAI Participatory Disease Surveillance and Response Program from May 2007 to September 2009. From May 2008 to June 2011, Robyn directed the International Veterinary Medicine Program at Tufts Cummings School of Veterinary Medicine in the USA and remains an Adjunct Associate Professor with this program. From July 2011 to May 2012, Robyn was the Team Leader of a Newcastle disease control project in Angola implemented by the KYEEMA Foundation and funded by the European Union. In August 2012, she rejoined the Faculty of Veterinary Science at the University of Sydney as a Principal Research Fellow to pursue domestic and international food and nutrition security research and development activities. In January 2011, Robyn was made an Officer of the Order of Australia for distinguished service to veterinary science as a researcher and educator, to the maintenance of food security in developing countries through livestock management and disease control programs. Robyn currently works as a Senior Scientific Advisor at the Centre on Global Health Security at Chatham House, is an Honorary Professor with the Development Policy Centre at the Australian National University and Chair of the Kyeema Foundation.

Tamaya Peressini currently works at the Australian Centre for International Agriculture Research in the graduate development program. She also is a member of RAID, and is part of their Capacity Development team. Last year Tamaya finished her honours studies in Plant Science at the University of Queensland, where she researched the genetic sources of resistance to Tan Spot in wheat. For part of her research Tamaya was also fortunate to run some evaluation trials at CIMMYT headquarters in El Batan, Mexico under a Crawford Fund student award. She has a strong interest in plant-microbe interactions and how we can manipulate and utilize these to improve plant defence in small holder production systems.

Dr Aditi Mukherji is Principal Researcher at the International Water Management Institute based in India. Before this, she led the Water and Air Theme at the International Centre for Integrated Mountain Development (ICIMOD) in Nepal. She is the coordinating lead author of the water chapter of the 6th Assessment Report team of the Intergovernmental Panel on Climate Change (IPCC). She is an associate editor of the Climate and Development Journal, and on the Editorial Board of Water Security Journal.

Aditi has over 18 years of experience working on policies and institutions of water resources management with a special focus on water-energy-food nexus. She has published over 50 peer reviewed papers. Aditi has served as a Permanent Consultative Committee member of GEF-FAO's Groundwater Governance project hosted by FAO at Rome and is a Board member of an Indian research NGO called SACiWaters. She is the first ever recipient of the Borlaug Field Award (2012), which recognizes "exceptional, science-based achievement in international agriculture and food production by an individual under the age of 40 who has clearly emulated the same intellectual courage, stamina and determination in the fight to eliminate global hunger and poverty as was demonstrated by Dr Norman Borlaug as a young scientist." The award is endowed by the Rockefeller Foundation and given by the World Food Prize Foundation, USA. Aditi is a human geographer by training and has a PhD from Cambridge University, United Kingdom where she was a Gates Cambridge Scholar.

Jenny Hanks is the Secretary of RAID. Jenny completed a veterinary degree at Charles Sturt University where her first experience in R4D was in Pakistan on a dairy development project. Jenny then volunteered on an ACIAR project in Laos, was a grad at ACIAR and worked as project coordinator for an ACIAR funded smallholder farmer project in Myanmar. This involved an amazing 4 years as part of a team researching simple ways to improve health, husbandry and nutrition of livestock, and included living in Myanmar for 2 years. Jenny started a PhD in 2018 at the University of Melbourne and is excited to see how she can apply new research skills in Australia and internationally to helping farming families and their sheep (and other livestock too!).

Rebecca Cotton joined the RAID central committee in 2018 and is a member of the events committee with the role of organising and facilitating the 2018 RAID scholars day at the Canberra Crawford Conference. Originally from Maryborough Queensland, Bec graduated from University of the Sunshine Coast in 2017 with a first class honours in Agricultural Science. Her thesis was investigating extension of organic agriculture in the Pacific Islands. Now based in Canberra, Bec is a research graduate with the Australian Centre for International Agricultural Research (ACIAR), where she is working in the Social Sciences Cluster.

Dr James Neilsen is the Field Crops Agronomic Systems Lead for Bayer Asia Pacific. James works to improve cotton and cereals cropping systems for farmers with new technologies and integrated solutions throughout Australia and Asia. Originally joining Monsanto 11 years ago- and now with Bayer following its acquisition of Monsanto in 2018- James has worked for more than a decade to improve the lives and yields of smallholder farmers in Asia and the productivity of larger farmers in Australia. James spent four years working in Singapore developing technology for smallholder corn farmers and a further three years leading the strategy to upskill and empower smallholder farmers through training and skills development. Prior to Bayer, James was a Postdoctoral fellow with CSIRO researching cotton water use and obtained his PhD in Agricultural Science from the University of Tasmania.

Rebecca Boustead is the Head of Corporate Communications, Government Relations and Public Affairs for Kellogg Asia Pacific. She is accountable for External Communications, Internal Communications, Government Relations, Philanthropy and Sustainability for Kellogg across Asia Pacific and Sub Saharan Africa. She leads a team of Corporate Affairs experts across Sub Saharan Africa, India, China, Japan, South Korea, Hong Kong, Taiwan, South East Asia and Australia/New Zealand. She sits on both the Kellogg Asia Pacific Leadership Team and the Kellogg ANZ leadership team and is a board member of the Kellogg Australia Charitable Foundation. Rebecca began her Kellogg career in 1997 as a Nutrition Communications Co-ordinator after training as an exercise physiologist and Dietitian. Throughout her 20 years with Kellogg she has used her skills learnt as a Dietitian – that of translating complex science into behaviour change messages – to drive innovative communications while adapting to the every changing communication vehicles that are available to use. Ms Boustead is a member of the Asia Pacific Association of Communications Directors, the Australian Institute of Company Directors, the Dietitians Association of Australia, the Nutrition Society of Australia, Sports Dietitians Association of Australia, and the Academy of Nutrition and Dietetics in the US. She holds a Bachelor of Applied Science – Human Movement from Royal Melbourne Institute of Technology, Masters in Nutrition & Dietetics from Deakin University, Certificate in Marketing Management from the Australian Institute of Management and a graduate of the Australian Institute of Company Directors.

Day 2 - Wednesday 14 August 2019

Prof Andrew Campbell is the Chief Executive Officer of the Australian Centre for International Agricultural Research (ACIAR), in Canberra Australia. His research interests span the interactions between climate, water, energy and agrifood systems, and the interface between knowledge, science and policy. He was previously Director of the Research Institute for the Environment and Livelihoods (RIEL) at Charles Darwin University, CEO of Land & Water Australia, Managing Director of Triple Helix Consulting, and Senior Executive in the Australian Government. He was Australia's first National Landcare Facilitator, and still manages a family farm in western Victoria, where his family has been farming since the 1860s.

Lisa Cornish is a Devex Reporter based in Canberra, where she focuses on the Australian aid community. Lisa formerly worked with News Corp Australia as a data journalist for the national network and was published throughout Australia in major metropolitan and regional newspapers, including the Daily Telegraph in Melbourne, Herald Sun in Melbourne, Courier-Mail in Brisbane, and online through news.com.au. Lisa additionally consults with Australian government providing data analytics, reporting and visualization services. Lisa was awarded the 2014 Journalist of the Year by the New South Wales Institute of Surveyors.

Mike Foley is National Rural Reporter at Australian Community Media (formerly Rural Press). He has been a journalist for ten years. He spent the past year in the Canberra press gallery where he writes for rural and regional papers across the country. Mike started with The Land in 2013 and he has covered issues such as mining, gas, water, climate change, and politics.

Emily Lamberton is a member of the RAID committee in an events management role. Emily is currently working at the Australian Centre for International Agricultural Research as a Graduate Research Officer in the Crop Improvement and Management team. Emily graduated with a

Bachelor of Science in Agriculture from the University of Sydney in 2015. Emily's main interest is the implementation of integrated approaches for pest, weed and disease management in cropping systems.

Zoë Mander-Jones joined AVI as Program Director of the Australian Volunteers Program in mid-2017 and brings over twenty years' experience in international development. Zoë has held senior roles within government and has worked across the non-government and private sectors, which has seen her involved in a wide range of development and social justice issues. She has a Masters in Development Studies and has lived and worked in Vanuatu, Solomon Islands, the Torres Strait and Japan.

Professor Shaun Coffey is Director of Capacity Building at the Crawford Fund. An agricultural scientist by training, he has wide experience in international research and commercialisation. His career has included appointments as Chief Executive of Industrial Research Ltd, A New Zealand Crown Research Institute, Foundation Chief of the CSIRO Division of Livestock Industries and Director of Research and Extension in the Queensland Department of Primary Industries. He currently serves as a Director of TAFE Queensland, Director of the Australian Institute of Agriculture, Adjunct Professor in the School of Management in Victoria University of Wellington, and editor of the Journal of Agricultural Science. Shaun is a recipient of the Silver Medal of the International Federation of Agricultural Journalists (2001), a Centenary Medal of Agriculture from the University of Melbourne (2006), and the Royal Society of New Zealand's prestigious Thomson Medal (2010) for his leadership in the management and commercialisation. He is a Fellow of the Australian Academy of Technological Sciences and Engineering, Companion of the Royal Society of New Zealand and Fellow of the Australian Institute of Company Directors. Since 2013, Shaun has established his own global business advisory firm specializing in capacity building, leadership and strategic change in institutions and companies, especially those operating in science and technology markets. He brings this strong interest in developing people and systems to the Crawford Fund role.

Bianca Das joined the RAID central committee in 2018 as part of the Events Management team. Based in Brisbane, Bianca is pursuing her PhD in increasing phosphorus efficiency in subtropical cropping systems under a changing climate on a joint project between The University of Queensland and CSIRO. Bianca graduated with a MPhil in Soil Science from the University of Queensland, she completed her undergraduate and honours in New Zealand at Lincoln University in 2012. Bianca is passionate about all things soil, as well as global nutrient resources and climate change adaptation agriculture. She became interested in international agricultural development work after completing an internship for a local NGO in Punjab, Northern India on waste management.

Dr Naomi Diplock is a plant pathologist with a particular interest in mushrooms, diagnostic work and international development. She just completed a 2.5 year volunteer project in the Himalayan Kingdom of Bhutan working with local counterparts to improve mushroom spawn quality and local mushroom production. She is excited to further develop her career in plant pathology, particularly in diagnostics and enjoys teaching and working with others, sharing knowledge and learning from other's experiences.

Dave Gale started working at Plant Health Australia in February 2017 as a Project Officer. David completed a Bachelor of Science (Agriculture) in 2009 and a Bachelor of Science (Honours) in 2010. He is currently finalising a Master of Philosophy project investigating the way in which certain composts act to ameliorate acid sulphate soils in Vietnam's Mekong Delta. Between his Honours and Masters projects David worked as a Graduate Officer at NSW Department of Primary Industries, with a focus on plant pathology and greenhouse horticulture research.

Dr David McGill works with Thomas Williams and Candice Skelton on maintaining RAID's communication and social media. David completed a Bachelors of Agricultural Science at the University of Sydney and his PhD at Charles Sturt University working on quantitative genetics. Over the last eight years David has been the project manager/leader of an ACIAR project working on improving small-holder dairy production by working with local extension and research departments. In early 2016, David started working at the University of Melbourne in an international R4D role in animal production. His interests vary widely ranging from genetics and epidemiology to impact assessment using the big data we can capture using mobile technology - and of course continuing with his strong links and partners in Pakistan.

