



THE CRAWFORD FUND 2017 SCHOLAR BIOS

Melanie Addinsall - I work in Agriculture Policy with the Victorian Government, in the rural development and transition team. At university I studied the Bachelor of Environments and was able to pursue my interests in global food security and development. After an exchange to the UK, I volunteered in Uganda delivering an environment, water and hygiene project. In my previous role with Landcare I delivered on-ground sustainable agriculture and biodiversity projects. In particular I am interested to learn from researchers and policy makers about international policy approaches to address food security issues, and how new agriculture technologies drive rural change.

Samuel Ariong - is a final year PhD scholar (Sociology and Anthropology) at the University of Newcastle, with a focus on poverty reduction and food security in Uganda. I'm a social development scholar with substantive experience in community development work - agricultural extension services, food security, gender and inclusion, rural water supply and local governance. My present research focuses on how shifts in international development policy and donor aid frames national development priorities, particularly agricultural development, and how these shifts filter down to individual households and communities in rural and marginalized settings. The research highlights the critical aspects framing the formulation and implementation of poverty eradication action plans for rural settings, with agricultural development, and more specifically agricultural advisory services as a central platform to advance poverty reduction and food security. Areas of research interest: international development policy and aid, agricultural development, food security, poverty reduction, gender relations and indigenous knowledge. I am submitting my thesis in September 2017.

Sohail Ayyaz - Currently, I am a Postgraduate Candidate (PhD Agriculture) with the research topic "Achieving Competitiveness in Fresh Fruit Enterprises through an Integrated Value Chain Approach." The scope of my PhD research speaks itself of my interest in the areas of agricultural business. I previously, worked with PHDEC as Manager Supply Chain and Project Development Officer for an ACIAR-funded project in Pakistan. This was the second step to raise my motivational level to work with more enthusiasm in the horticulture industry to bring it at par with the developed industry by maintaining the most needed sector and to improve the livelihood of agricultural communities.

Arundhita Bhanjdeo - I am in the second year of my PhD in which I intend to evaluate the role of agricultural research in rural transformation. My key interest area in this project is mapping the learning level and transformational changes of different participants in collaborative agricultural projects engaging smallholder farmers in India. I have, and intend to collect, a lot of data in the form of narratives as well as surveys. I look forward to attending the conference and getting to know more about the use of data in agriculture, and how to better use it for change.

Natasha Brohier - I am a Malaysian that has graduated with a BSc in biochemistry from Iowa State University, Masters in biotechnology and bioinformatics from La Trobe University and continued to do a PhD working on fungal endophytes of pasture grasses for the improvement of pasture productivity. I have had a pure science education and am interested in utilizing different molecular genetic techniques for the advancement and understanding of both agriculture and the environment. This conference will give a lot of opportunity to further expand my knowledge on the complexity of the agriculture environment and research being done by my fellow peers.

Cecilia Cameron - I'm in my third year of my Bachelor of Science at the University of Melbourne, majoring in agricultural science. Originally I am from Northern Tasmania where my family are prime lamb producers. Where my passion lies is in livestock systems and their place in providing food security in a changing environment. I have particular interests in the use of technology and data to improve productivity and profitability for producers. I'd love to work overseas in developing nations, mostly in South America. I volunteer for the University's Agricultural Society as marketing officer, and this has developed another passion of mine - understanding consumer habits and perceptions.

Maddison Clonan - I am a student in my final year of a Master's degree in Sustainable Agriculture. I have a Bachelor's degree in Environmental Science and a strong passion for sustainable land management. I am currently completing a field based research project in the NT with the NT Dept. of Primary Industries and Resources, measuring plant available nitrogen (PAN) in different soils of mango orchards. This aims to enable farmers to increase the efficiency of nitrogen fertiliser usage. The outcomes of this project relate directly to the theme of this year's parliamentary conference, as well as my future research in the Cambodian mango industry.

Sam Coggins - My passion is serving smallholder farmers in developing countries. I am a fourth-year undergraduate studying agricultural science at the University of Sydney. I am majoring in environmetrics and my honours project is concerned with soil big data. I recently completed a semester abroad in Sri Lanka and an internship at the International Rice Research Institute in the Philippines. I am looking to contribute through the private sector or scientific research. I am most interested in the production side of food security (including plant pathology, genetics, entomology, soil science and plant physiology). I'm very excited to be attending the Crawford Fund conference because I'm a food security enthusiast specializing in data analysis.

Thi Hiep Dao - At present, I am studying a Master of Sciences in Agriculture at UNE. In my home country, I have been working as a lecturer at the Faculty of Animal Science at Vietnam National University of Agriculture. I am responsible for giving lectures on the principles of animal sciences, implementing research on animal science, animal disease surveillance, and transferring new husbandry techniques to the farmers. My research focuses on the animal productivity and their product quality (mainly on poultry science), animal disease surveillance and local breeds conservation. The Crawford Fund Conference is the great opportunity for me to connect with the people in the science world and learn the new knowledge, which will be very important to develop my career.

Fynn De Daunton - I'm currently in my fifth and final year of a Bachelor of Agricultural Science and a Con-current diploma of Global Issues. I am a plant science major, and am most interested in issues of global food security, and figuring out how to feed the increasing global population. My honours project is looking at the impact of ceremonial cattle use on social and economic factors in Santo, Vanuatu. This involved 2 weeks of field work in Vanuatu, returning last week. In 2015, I studied abroad in England for a semester, and would love to study and/or live overseas in the future.

Kathy Dibley - Kathy is a Postdoctoral Fellow at CSIRO Agriculture and Food in Canberra. She completed a PhD at the University of Newcastle, studying the molecular biology of sugar transport in developing seeds. Her current Gates Foundation-funded project is focussed on identifying broad-spectrum disease resistance genes in sorghum and African rice, for inclusion in breeding programs. She intends to continue to focus her career on food security enhancement through plant breeding, with an emphasis on sub-Saharan Africa. Through participation at the Crawford Conference she hopes to build networks with like-minded professionals, and identify opportunities to apply new technologies to further this work.

Bob (Xin) Du - I am Bob (Xin) Du, a PhD student at Murdoch University. My PhD study focuses on understanding the role of insect lipid and insect control with a particular interest in the interaction between insect lipids and inert chemistries such as silica. This is particularly relevant to developing countries, not only in the link with management of insect pests but because many traditional insect control technologies use silica material as the generic "active", eg., the use of burnt rice husks as a protective treatment in countries such as Tanzania and Timor Leste. By attending this workshop, I would like to present my research ideas, their potential relevance to developing

countries for pest control and to engage with my peers working in post-harvest loss in developing countries.

Alisher Ergashev - Alisher Ergashev is an Agricultural Economist at the Queensland Department of Agriculture and Fisheries. Being originally from Uzbekistan, Alisher has a multi-faceted experience in research, data collection and analysis in the areas of public policy, economics, agriculture, food security and nutrition. His early interests included international relations and foreign languages, which led him to graduate with a major in international economics and a minor in Japanese and German languages. After starting his career as an Economist at the Central Bank, Alisher was then engaged in various international and bilateral development aid projects, ranging from agriculture and R&D to public health and biosecurity. Alisher holds a Bachelor and Masters from Tashkent Institute of Oriental Studies. He also pursued a degree of Master of Public Policy from the National Graduate Institute for Policy Studies, Tokyo, Japan as well as nearly completed his Ph.D. in Agricultural Economics at the Center for Development Research, University of Bonn, Germany. Alisher is a recipient of various awards, including Japan-IMF Scholarship for Asia Pacific Master Program, DAAD Ph.D. Scholarship, Dr. Hermann Eiselen Ph.D. Grant and Student Award from International Society for Horticultural Studies. His main interest in attending the Crawford Fund conference relates to obtaining new skills and knowledge in application of ICT in agriculture as well as expanding his professional network, which could potentially be beneficial for his future career.

John Fasi - My name is John Fasi and I am from the Solomon Islands. I am PhD candidate at the School of Biological Sciences at the University of Queensland. My area of interest is understanding how the different interaction between invasive sp. and native arthropods and the consequence of these interactions to host plants. I am also interested in understanding how invasive sp. influence community structure of arthropods on crop and forest systems. My current PhD is understanding how the invasive ant, the little fire ant *Wasmannia auropunctata*'s interactions with arthropods on crops to evaluate net outcome of the interactions to the host crops.

Oliver Gales - I am from Hobart and am currently studying my second year of Agricultural Science at the University of Tasmania. My interest in agriculture came from learning about the broad range of opportunities the sector offers both domestically and overseas, an interest heightened after my studies in Sri Lanka earlier this year as a part of the New Colombo Plan. I am keen to contribute to agricultural development through building capacity in less developed countries. When I heard about the annual Crawford Fund Conference, I thought it would be a unique opportunity to learn more about international food security and network with other like-minded people. As an undergraduate, I have limited experience but huge enthusiasm to learn more about global food security, and hopefully I will be able to benefit others through my degree and what I learn along the way.

David Giles - Dr David Boarder Giles is an economic and political anthropologist. He writes about food, waste, and urban economies. His ethnographic research has investigated food security and alternative urban food economies in "global" cities, including movements of urban dumpster divers and other organised forms of gleaning, emergency meal programs, and public "food forests". He has done extensive ethnographic fieldwork in Seattle and other cities in the United States and Australasia. He is the author of "A Mass Conspiracy to Feed People": World Class Waste and the Struggle for the Global City (Duke University Press, 2018).

Elsa Glanville - I graduated from the Doctor of Veterinary Medicine at the University of Melbourne (UOM) in 2014. Since graduating, I have worked as a Resident in production animal medicine and farm consultancy within the Mackinnon Project, a consultancy, research and teaching group at UOM. Prior to the DVM, I helped manage the family sheep farm in the Central Tablelands of NSW whilst completing a PhD in zoology at the University of Sydney (following a science degree in geography and zoology). I am passionate about efficient, practical and sustainable solutions to problems faced by livestock producers in both Australia and internationally, whether they be endemic disease, disease outbreak or production inefficiencies. I hoped to have the opportunity to attend this conference to meet others with similar interests, especially in the international space, and to learn more about both the opportunity and challenge posed by 'big data' – how it can be a genuinely useful tool to effect change.

Kirt Hainzer - I have an MSc in Agroecology from Wageningen University in the Netherlands and have just returned back to Australia after 10 years working in Asia, Europe and the Americas in agriculture development, agriculture research and as a farmer. In my new role as a Senior Researcher with CQU I am working on an ACIAR funded project to develop market chains for sweet potato farmers in Papua New Guinea. I am extremely interested in talking with people with experience in organising cooperatives; complying with supply chain quality/hygiene standards for export in developing countries; the distribution of price information through mobile devices; and market chain experts broadly.

Bhakti Haldankar - I am 4th year student studying B. science in Agriculture at University of Sydney. I have an interest in the possibilities and application of technology in agriculture. I am especially interested in current and potential remote sensing applications in agriculture. Also interested in drones and performing analysis on the images gained from these technologies based on the purpose. I am also interested in the automation of these processes such as image selection and analysis. Apart from technological integration in agriculture, I am also keen on gaining more experience in the quantitative sciences area.

James Hawkins - I am the owner of a pork production organisation with an interest in broad acre, sheep meat and wool and small seeds production. I have a special interest in increasing the productivity of underperforming hostile, sodic clay subsoils in South East Australia through the incorporation of organic material deep into the clay which increases pore spaces allowing deep water and root penetration increasing the soils "bucket size", biomass growth and grain yield in cropping and pasture systems. I have a Bachelor of Biomedical Science and a Masters of Agribusiness (current). Moving forward Australian agriculture must maintain its position in a global market through increased productivity growth and digital sensor, communication and monitoring systems will be pivotal for this productivity growth.

Natalie Hoskins - I'm 20 years old and in my third year of BSc (zoology)/BNatSc (Animal Science) with a key interest in animal reproduction, particularly in livestock, even though I'm from Sydney. I work extensively in agricultural shows, both as a competitor and volunteer. I hope that at the end of 2017/start of 2018, I'll be able to start working as an artificial insemination technician independently. I'm attending The Crawford Fund as my interests lie in agriculture, and I feel as though this is an opportunity to learn agricultural knowledge that I otherwise wouldn't in my animal science degree.

Kimberley Hunnam - Kim Hunnam has broad interests in human-environment interactions, and in using scientific research to inform management, improve food security and enhance sustainable livelihoods. She is in her second year of a PhD investigating the ecological, socio-economic and food security aspects of small-scale fisheries in Timor-Leste, and is currently based in Darwin and Dili. She has previously worked in the private, government and university sectors in Queensland, as a technical officer in marine and freshwater ecosystems, and as an environmental consultant specialising in terrestrial biodiversity offsets. She holds a Bachelor of Science and a Bachelor of Arts from the University of Queensland, with first class Honours in Marine Biology. I am looking forward to attending the Crawford Fund conference to meet experienced researchers, understand more about donor perspectives and priorities, and learn about digital data collection apps.

Sarah Hyde - Sarah, grew up on a mixed farm and has worked in the agricultural sector for over 8 years. Sarah completed a Bachelor of Agribusiness (2007) before completing a cadetship with Landmark, and then as an agronomist with Elders. Currently she works at Facey Group, Wickepin starting in the Sustainable Agricultural Coordinator (2011) and now Executive Officer (2015). In 2016 she completed a Diploma of Project Management. Sarah has a key interest in ensuring that producers locally and around the world have access to the latest information and technology to best enhance skills, knowledge and on farm sustainability and profitability.

Kylie Ireland - I am a passionate plant pathologist, with a keen interest in global crop protection and the advancement of agricultural industries. In 2013 I was a volunteer (AVID) Plant Pathology and Integrated Disease Management Advisor in Pakse, southern Laos, supported by the Crawford Fund. I would like to pursue a career where I can continue capacity building and research into crop protection in developing countries. I believe my experience in research and extension in plant

biosecurity, plant pathology, and most recently weed biocontrol, is equipping me with a skill set which is both directly transferable and valuable within this context.

Linjun Jing - I am an agricultural sciences student in the University of Melbourne, and my specialisation is agribusiness. I am into apple industries, beef cattle industries and diary systems, because the city I come from is famous for apples, and my parents and some relatives are doing cow business. Even though we grow plenty of apples, farmers are not getting rich because of the poor quality. My family keep hundreds of cattle, but we are still not able to make reasonable profits. So, when I saw that the theme of this year conference is Transforming Lives and Livelihoods: The Digital Revolution in Agriculture, I was so attracted, because I might find my answer here. Also, Australian farmers always adapt in variations, and I would love to experience more their stories. And hopefully I could discuss with them in further.

Sophie Lamond - Sophie is a PhD student at the University of Melbourne where she investigates how agrifood corporations are using big data technologies. As a young academic activist Sophie runs the Fair Food Challenge which facilitates student-led co-design of fair food policies for Australian universities, and campaigns for healthy, sustainable and equitable food environments. Sophie has run community kitchens, founded the Melbourne chapter of the Youth Food Movement, been a committee member of the Australian Food Sovereignty Alliance and is a member of the Right to Food Coalition. She speaks, writes and facilitates events to start conversations about good food. You can find out more about her work at her website: sophielamond.com

Ngoc Hoan Le - I am a Forest Health PhD student at the University of the Sunshine Coast, Queensland, Australia. My PhD focuses on *Megastigmus* spp., which are phytophagous pests but recently emerge as potential biocontrol agents against the Eucalypt galler *Leptocybe invasa*. I graduated in 2005 (biotechnology) and gained my Master in 2007 (entomology), both at Hanoi University of Sciences. For most of my career, I worked for research institutions in Vietnam, focussing on agricultural insects and applied entomology. I am interested in entomology, pest control and international collaboration. I expect to build network with researchers for my career development and future collaboration.

Joseph Macharia - Joseph is a PhD candidate within the Faculty of Business, Queensland University of Technology and an Ashoka Fellow. My research interests concern information and communication technologies in Agribusiness and development with a focus on the developing countries. Prior to commencing full time doctoral studies in Australia, Joseph had worked in various organizations in agriculture and development in Africa. Joseph has a long-standing interest in agricultural innovations and entrepreneurship in Africa. He is founder of Mkulima Young (www.mkulimayoung.com), an online marketplace for small-scale farmers in East Africa. He was a weekly columnist on farming humour in the Daily Nation, a Kenyan newspaper.

Julie-Ann Malan - Julie-Ann Malan (BSc of Environmental Science 2015) is a Central Queensland University research student undertaking a multi-disciplinary project combining agricultural and environmental research methods. She is supported by the Fitzroy Basin Association and was also the recipient of the Heart of the Basin Scholarship in 2017. This conference will be of particular benefit as she has a strong interest in using non-invasive technology to sustainably manage food production while promoting positive environmental outcomes. Her research focuses on the strategic placement of offstream watering points for cattle, which may benefit riparian ecology and water quality. Her results will provide graziers and land management groups with a better understanding of how cattle use offstream watering points and if any relationships exist between offstream watering point visitation, water consumption and environmental factors.

Ana Manero Ruiz - I am a final year PhD candidate at the ANU Crawford School studying the linkages between irrigation water supply and economic inequalities in sub-Saharan Africa. I have a technical background, although my passion is in the socio-economic aspects of international development, growth and inequality. I have lived in five different countries, I hold a B.Sc. and M.Sc. in civil and environmental engineering and I have six years of working experience as a consultant in the water sector. Upon completion of my PhD, I would like to work in the field of water and agricultural development, either as an academic, a consultant or as part of an international organisation.

Timothy Mort - I am a young professional that is passionate about increasing the productivity and profitability of rural industries in Australia. This passion was developed through my upbringing on a small mixed farm located in Mudgee, NSW and now continues to be developed in my current role of employment. Key areas of interest are: keeping smaller family farms competitive in the light of increasing corporate farm ownership; utilising machine learning, AI, and robotics to better manage pastures, and decrease cost of production; and, lowering cost of production to ensure competitiveness in an increasingly more global marketplace. I am keen to attend the Crawford conference to learn more about how digital technology can aid rural industries both in Australia and in developing countries.

Zelalem Moti - I am Ethiopian and a PhD candidate at UNE in Australia. My research is on the application of agricultural innovation system approach to smallholder sustainable intensification. I am using case studies to draw lessons from innovation platforms in Ethiopian highlands. I worked as a research officer during my recent four years work for ILRI, one of the CGIAR center, and glad to learn about Sir John Crawford who was one of the pioneers of CGIAR. For this conference, I am inspired by the profile of the speakers with a great opportunity for me to do networking and I am also keen to learn from the case studies on innovations with impact on smallholder livelihoods.

Lydia O'Meara - I am a Medical Sciences (Nutrition) student with Central Queensland University and a Project Support Officer with over 10 years of experience working with Queensland Health. I grew up on a sheep station in Outback Queensland and I now live and work in Cairns, Far North Queensland where I am about to commence my Honours year of research. I was fortunate to be awarded a Crawford Fund Honours scholarship this year to explore the food security of Pacific Island farming communities involved in the ACIAR 'Integrating protected cropping systems into high value vegetable value chains in the Pacific and Australia' project. I recently returned from a trip to Fiji where I met the project team, explored tomato farms of Sigatoka the 'salad bowl' of Fiji and attended an ACIAR workshop on culturally competent research. Previously, I have travelled to Paris as a delegate to the OECD Public Forum with Global Voices. As part of this scholarship, I undertook a research paper investigating the role of nutrition as a key tool in closing the gap in Indigenous health inequality. In short, I am passionate about the power of nutrition, agriculture and public policy to create sustainable food supplies and positive health outcomes both here in Australia and developing countries such as Fiji and Tonga.

Upamali Peiris - I am Upamali Peiris and I'm now 12 months into my PhD, which is looking at sustainable management of root-knot nematodes in vegetable crops attached to Central Queensland University, Bundaberg. My research interest are more towards organic agriculture, soil health and mostly working with horticultural crops. Currently I am researching the possibility of two nematode trapping fungi in granules to control root-knot nematode damage in vegetable crops and further assessing efficacy of organic inputs and alternate chemical and organic products in controlling disease. I have been working as a researcher and a lecturer in Wayamba University of Sri Lanka before starting my PhD.

Ruchika Perera - Ruchika is a PhD candidate at The University of Melbourne. His research aims to improve modelling approaches to better simulate the impacts of climate variability and extreme climate events on pastures, and to develop adaptation options for future climates. Ruchika's research interests include Crop Physiology, Climate change and crop modelling, and he has a broad knowledge of tropical agriculture. Prior to his PhD, Ruchika was a research fellow in the Agricultural Model Intercomparison Project in Sri Lanka where he calibrated rice crop models. At this conference, Ruchika would like to share his knowledge and experience of food security, poverty and hunger with delegates from different agricultural backgrounds.

Chandnee Ramkissoon - Chandnee Ramkissoon is a second year PhD student in soil sciences at the University of Adelaide (UoA). Originally from Mauritius, Chandnee has always had a vested interest in the challenges faced by a developing country to ensure economic progress sustainably. She successfully completed a degree in Environmental Science at the University of Nottingham (UoN) in 2015. In the following year, she geared her research career towards agricultural development as she joined a project looking at the biofortification of selenium in wheat and its impact on the environment at the UoA in partnership with the UoN, under the Beacon of Enlightenment PhD scholarship program. She is keen to learn how scientists and policy-makers come together to

create sustainable development pathways for smallholder systems.

Flavia Sarti Bonora - I am Flavia Sarti Bonora, PhD student at University of the Sunshine Coast in the Forest Industry Research Centre. I am Graduated in Forestry and I hold a Master Degree in Forestry Resources, both from University of Sao Paulo in Brazil. My research topic is Plant defence mechanisms of *Corymbia* species and hybrids where I am evaluating plant traits and their association with pests and pathogens incidence. My interests involve eucalyptus forestry, biosecurity, breeding, non-wood products (e.g. essential oils). My focus is to keep updated on main Agricultural topics and relate them to the context of my PhD.

Salman Sarwar - I am currently doing Doctor of Philosophy (PhD) at School of Agriculture and Food Sciences (SAFS), The University of Queensland (UQ). I have done Master of Agribusiness from UQ earlier, and have honours degree with Agricultural Economics. I am certified PRINCE2 Project Management Professional. I have work experience in different international development projects with organizations like Centre for Agriculture and Biosciences International, Agribusiness Support Fund and Pakistan Poverty Alleviation Fund. My current research for my PhD is in area of agribusiness focusing on Australian red meat exports to South East Asia, and research interests include use of technologies in agribusiness.

Jennifer Scott - Jen grew up in regional Victoria and developed a lifelong love of the land, sustainable farming and permaculture. Moving to Melbourne to work she found the level of disconnection from food and farmers disconcerting and studied a Graduate Certificate of Digital Marketing to help agribusinesses to better connect to their customers. Jen is currently studying a Masters of Agribusiness with Marcus Oldham College to help learn more of the challenges for agribusinesses and the digital opportunities for technology. Jen is interested in the intersection and interconnectedness of technology, education and resources to create food security solutions and social impacts.

Raghvendra Sharma - Raghvendra Sharma is a PhD student in CSIRO Agriculture & Food, Canberra and QAAFI, The University of Queensland, Brisbane. His PhD studies are aimed at unveiling novel sources of seedling stripe rust resistance from Vavilov wheat landraces for future food security. He completed his bachelor and master degrees in Biotechnology from India and had opportunities to work in a few excellence centres for agriculture and plant science to improve the crop plants for abiotic/biotic stresses and nutritional traits. Participation in the Crawford conference focused on digital revolution in Agriculture will greatly benefit him, to network with both young and experienced researchers and further strengthen his desire and motivation to have a vibrant career in international agricultural development.

Helena Smith - I am a young, early career research scientist working for Agriculture Victoria within the Australian Grains Genebank (AGG) program in Horsham since January 2016. Prior to this, I worked as a research scientist for Agriculture Victoria's Soil Sciences team from July 2014 to January 2016. In 2013, I completed the Bachelor of Agricultural Science/Bachelor of International Development with Honours in Soil Science at La Trobe University, Bundoora. I have been interested in international development since my undergraduate studies, however it is not until I joined the AGG that I found an opportunity to get involved. The Crawford Fund 2017 Conference will be my first significant exposure to international agricultural development outside university. I look forward to attending as it will increase my awareness of the impact of the digital revolution on lives and livelihoods and allow me to network and build connections with delegates and scholars in a fun and interactive way. The Crawford Fund 2017 Conference will also allow me to further develop my areas of interest which include seed storage behaviour, the quality assurance of seeds through characterisation and scanning and using new technologies to add value to the AGG collection.

Victoria Stead - Victoria Stead is an anthropologist whose work focuses on the Australia-Pacific region. Her current research looks at the effects of race and migration in relation to seasonal labour in the Australian horticulture industry. This includes conducting ethnographic research into the experiences of seasonal workers, farmers and communities in the Greater Shepparton Region in north-central Victoria. Dr Stead's previous work has explored transformations to customary land systems in the Pacific region. She is the author of *Becoming Landowners: Entanglements of Custom and Modernity in Papua New Guinea and Timor-Leste* (University of Hawai'i Press, 2017), and a

co-author of Sustainable Communities, Sustainable Livelihoods: Other Paths for Papua New Guinea (University of Hawai'i Press, 2012).

Kristy Stevenson - My name is Kristy Stevenson I am a fourth year agricultural science student from the University of Tasmania. I began my university studies in plant science and ecology before changing to an agricultural science degree. I have a keen interest in agroforestry and integrated crop management. I am interested in traditional farming practices and how these can be developed to increase yields while preserving the environment. I believe this conference will be an amazing opportunity to hear about the variety of different projects happening around the world, and to learn from researchers working in international development in agriculture.

Sarah Sutcliffe - I am currently undertaking an Honours research year at James Cook University, Townsville, examining media representations of fish for Pacific island food security. My interest lies in applying marine science research to promote socially and environmentally sustainable development in coastal communities. I am looking forward to attending this year's conference as it will be an excellent opportunity to meet and hear from current field leaders. Coming from a biology degree, I am still learning about fisheries and agriculture research and the applications thereof, and welcome the opportunity to hear more about current developments in the field.

Molly Voss - Molly is a final year Master of Agricultural Science student at the University of Melbourne, majoring in Agribusiness with a focus on sustainability in relation to food production and policy. She also holds a BSc (Biotechnology) from the University of Melbourne. Molly is passionate about sustainability, climate change mitigation and adaptation agriculture and education. She is also learning Mandarin and is interested in Sino-Australian interactions. It is her goal to apply these passions in a business context to deliver positive outcomes for society at a national and international level. Molly is currently undertaking a Masters project in the area of precision agriculture, as part of a larger trial looking at increasing the capacity of farm service advisors to engage with digital agriculture. She is also taking part in the Gardiner Dairy Foundation Pilot Mentoring Program as a mentee.

Cara Wilson - My name is Cara, I am in the second year of my PhD looking at hydatid disease in the Australian beef industry. My interests lie predominantly around epidemiology and animal health. My project utilises large amounts of data produced by abattoirs and because of this I have become particularly interested in how this data is collected, used and disseminated to various parties – most importantly the farmer. Although my project is based in Australia, I am interested to learn about how data is used and disseminated in other parts of the world.

Tahseen Zeb - I was fortunate that I studied what I have always seen around me, and that is Agriculture. I was born in a village where mostly people cultivated crops for their living. The environment around compelled me to love the agriculture sector for the rest of my life. I graduated from Pakistan in 2005 and started my career with Unilever Pakistan Ltd as junior manager in the department of Tea crop extension and research. This experience equipped me to work in the social development sector as well (Canadian Hunger foundation), Philip Morris International (Tobacco sector) and finally now for the Government of Pakistan in Agriculture Research System. Working in all these esteemed organizations I had desire to study abroad and work with world leading scientists. This Crawford Fund scholarship is just like a dream come true. Hopefully I shall take full benefit of the opportunity. I am fond of travelling and visiting new places. I enjoy new cultures and food and love to connect with people having knowledge.

Yanchen Zhang - I am interested in nutrient cycling and organic matter decomposition in residue addition agricultural soils, particularly in the effect of soil water content on residue decomposition as global climate changes with less rainfall. To better understand plant residue decomposition and make the results of organic amendment more reliable, ¹⁵N labelled plant residue has been used for plant growing to assess nutrient release in my recent study. I hope the chance to attend this conference can not only provide me the access to different agriculture development, but also can inspire me with new thoughts relevant to develop management strategies to combine the effective use of data and the reasonable use of plant residue as a nutrient source for soil, which can make a sustainable agriculture and secure food demand globally.