

Humanitarian Food Science & Technology Webinar

Speaker Information

Martin Cole

Head of School of Agriculture, Food and Wine, University of Adelaide



Dr Martin Cole is an internationally recognised food scientist and visionary science leader, with impacts across government, academia, and industry. He has had senior management roles in research and in industry (Australia, US, Europe) and served as an expert for various global organisations (WHO, FAO) and committees (UN Food Security Committee, ICMSF).

Known for his strategic science-business leadership, he led the development of the National Food and Nutrition Strategy and Roadmap in Australia and developed business partnerships with significant impactful commercial outcomes for novel food technology, diet programs and agricultural bio-products.

Donna Rosa

Chief Entrepreneurship Officer, EFour Enterprises LLC



Donna Rosa is Chief Entrepreneurship Officer and founder of EFour Enterprises LLC. EFour's ESchool programs provide innovative remote business coaching and online financial and business plan tools for microenterprises in developing countries and emerging economies.

Donna began her career as a food technologist with a background in nutrition. After earning an MBA she transitioned to the business side of the food industry, and then moved into international development, working in Africa, the Caribbean, Eastern Europe, Central America, and Asia.

Donna currently serves as Chair of IFT's International Division and leads the Food Science for Relief and Development (FSRD) initiative, which seeks to increase the utilization of food science in humanitarian and development contexts.

Jay Sellaheewa

Affiliation: Adjunct Senior Lecturer, UNSW, Sydney



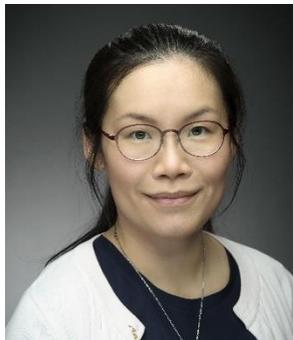
Jay Sellaheewa is a Food Process Engineer with 40 years' experience in the food and pharmaceutical industries in the UK and at CSIRO. Jay's experience includes managing complex multi-disciplinary projects, carrying out strategic planning and the successful commercialisation of research in the agrifood industry through assignments in Australia, Europe, USA, Africa and Asia.

Jay initiated the first Humanitarian Food Science and Technology Symposium held in Sydney in 2017 and is the coordinator of a global group of professionals working in this area. Following his retirement from CSIRO in 2014, Jay focussed his activities in the area of Humanitarian Food Science and Technology through honorary appointments at CSIRO and UNSW. Jay is a Fellow of the Institution of

Chemical Engineers, UK and the Australian Institute of Food Science and Technology and is currently an Adjunct Senior Lecturer at UNSW Sydney.

Wan-Yuan Kuo

Assistant Professor of Food Science, Department of Health and Human Development



Wan-Yuan Kuo received her Ph.D. in Food Science and Human Nutrition from the University of Illinois at Urbana-Champaign and her M.S. and B.S in Agricultural Chemistry from National Taiwan University. She is a faculty member of the Sustainable Food Systems Graduate Program and the Food Enterprise Undergraduate Program at Montana State University. Her lab, the [MSU Food Product Development Lab](#) focuses on developing food products healthy for both humans and the Earth.

Indigenous and specialty foods are her two major research areas. She collaborates with the Confederated Salish and Kootenai Tribes and Senegal smallholder women farmers on developing culturally responsive Indigenous food products. She also partners with local stakeholders on product and market development for pulse crops, cold-hardy specialty fruits, and edible insects. She is a Montana University System Teaching Scholar and is working on developing decolonized, Indigenized, and internationalized food and nutrition instructions that are driven by sustainability instead of by the market.

Latashia Redhouse



Latashia Redhouse is an enrolled member of the Diné Nation and was raised in south eastern Utah. She graduated with her Bachelor of Science in Journalism with an emphasis in Corporate Communications at Utah State University. She has spent years supporting organizations with marketing strategies and guidance and is excited to serve the Native American farmer-entrepreneurs and business owners. Her passion is to inspire Indigenous professionals and offer solutions to help grow their businesses.

Cate Cahill Kaiyu Superfoods



We are an Indigenous owned business, who are processing and selling native foods. We started our business 6 years ago when we realised that representation of Indigenous businesses and growers in the Native Food Industry was low (only 1-2%). My experience working with Indigenous families and my science degree, as well as Pete's experience as an aircraft engineer have given us the background to be able to start this business. Pete is an Awabakal man. His ancestors came from Lake Macquarie of the Hunter Valley Region. Our goals are to create more Indigenous employment within our company as well as in Indigenous communities and assist Indigenous people to start their own businesses in the Native Food Industry.

We wanted to bring the processing of native foods within reach of Indigenous businesses and communities here in the NT so that they cannot just sell their traditional foods, but develop value add products to create more employment and profits for themselves, instead of these profits going to big companies interstate with little to no Indigenous employment resulting from the sale of these traditional foods. We started small and now have a larger freeze dryer with the capacity to do a lot more processing, but still have a long way to go! Our vision is to expand to become a major processing facility here in Darwin and to employ and train an Indigenous Product Development Officer to assist businesses to develop their native foods into value-add products.

Jayashree Arcot



Jayashree Arcot is an Associate Professor in the Food and Health Cluster of the School of Chemical Engineering. She is the Undergraduate Food Science Program Co-ordinator and Advisor.

Her expertise spreads across Food Science and Nutrition with a focus on micronutrients and bioactives in foods, their sources and bioavailability in humans using stable isotopic techniques and developing new *in vitro* tools such as 2D and 3D cell culture techniques for understanding the bioavailability of nutrients. She has over 25 years of teaching experience in the field of food science and nutrition and has mentored over 100 honours students; 25 Postgraduate students (PhD and Master's

by Research) and has mentored several students till date. She was the Director of the ARC Training Centre for Advanced Technologies in Food Manufacture (2013-2018). She initiated several industry funded projects-enhancing Vitamin B12 in plant-based foods through appropriate processing technologies, improving the protein quality of plant-based foods through processing, nutrient recovery from food manufacturing stream wastes; utilisation of agricultural wastes for producing biodegradable packaging material using nanotechnology. She served on the AOAC (US) Stakeholder Panel for Infant Formula and Adult Nutritionals (SPIFAN) as an expert on folate, Vitamin D and Vitamin C analytical methodology. She was a member on the Folate Technical Advisory Group of the Food Standards Australia and New Zealand (FSANZ) in 2009. She was the Vice-coordinator of OCEANFOODS (INFOODS, FAO) from 2009-2019. Served as Chair (Sydney group) of the Nutrition Society of Australia (2002-2007). She is a member of the International Humanitarian Food Science and Technology (HFST) Network (2017-). She is on the Editorial Board of *Food Frontier*; and an Associate Editor and Review Editor for the journal *Frontiers in Nutrition*.

Andrew Dansie



Dr Andrew Dansie (Dansie) is a Senior Lecturer in Humanitarian Engineering. He has 13 years of experience in the water and development sector spanning the private sector, multilateral organisations, universities, and an NGO. His time as a Research Fellow with the United Nations University Institute for Water, Environment and Health saw him work with projects and partners across six continents. As Project Director of a four-year global assessment of transboundary water projects, he coordinated over 100 scientists and stakeholders to better understand the scientific needs for managing the world's rivers, lakes, aquifers, coastal and ocean environments. He is Lead Editor for a book on 'Water, Energy and Food

Security in the Pacific' book by UNESCO / Springer Nature and has active research projects in Kenya, Uganda, Solomon Islands and Fiji. Dansie completed his PhD at the University of Oxford as a Clarendon Scholar where his research was on the marine fertilisation effect of dust originating from ephemeral rivers in Southern Africa. He is also an Honorary Research Associate at the University of Oxford and is on the UNDP vetted expert roster for international freshwater resources management.

Alexandra Spieldoch



Ms. Spieldoch brings over 25 years of experience in global food and agricultural policy. In her role as CEO of Bountifield International, she oversees strategic direction, administration, partnerships, and postharvest technology programs across sub-Saharan Africa.

Prior to Bountifield, she was the director of the trade and global governance program at the Institute for Agriculture and Trade Policy (IATP). She led the Network of Women Ministers and Leaders in Agriculture and Natural Resource Management (NWMLA). She has spearheaded regional and global initiatives on food reserves and trade and is an expert on women's economic empowerment.

She has contributed to numerous articles and books related to global governance, gender and food security, rural livelihoods, and sustainable development. Alexandra received her M.A. in International Policy from the Monterey Institute of International Studies. Her B.A. is from Washington University in St. Louis, Missouri.