



FEED THE FUTURE INNOVATION LAB FOR LIVESTOCK SYSTEMS

Symposium: Ensuring children's cognitive and physical development through animal-source foods

June 5, 2019

Capitol Hill Club, 300 First St SE, Washington, DC 20003

Brief Biographies

in order of appearance



Dr. Adgebola Adesogan
Director, Feed the Future Innovation Lab for Livestock Systems; Professor, University of Florida

Dr. Adgebola (Gbola) Adesogan is the Director of the Feed the Future Innovation Lab for Livestock Systems and a Professor of Ruminant Nutrition at the University of Florida. He is currently the Chair of the Council of Feed the Future Innovation Lab Directors. His research interests include using animal-source foods to improve human health and nutrition, improving food and feed safety, quality, and preservation as well as devising sustainable strategies to optimize the performance, health and welfare of livestock. Prior to his tenure at the University of Florida, he was an Assistant Professor of Animal Nutrition at the University of Wales, UK. He has served on the editorial boards of various animal science journals, mentored many PhD and masters' students, and authored or coauthored more than 200 scientific publications. He has earned many honors, including awards from the American Dairy Science Association, the Faculty Commons, and the Florida Agricultural Experiment Station. In 2018, he was named International Educator of the Year by the University of Florida's College of Agricultural and Life Sciences.



Dr. Bill Weldon
Chief Scientific Officer, PLAMAN Global Corporation; Chair, External Advisory Board, Feed the Future Innovation Lab for Livestock Systems

Dr. Weldon has more than 27 years of experience in animal health and nutrition, and 21 of those years were at Elanco Animal Health. Dr. Weldon led Elanco Animal Health's Global Research, Development and Regulatory organizations, where he oversaw significant global product approvals, as well as the transformation and expansion of Elanco's R&D productivity and capacity. Dr. Weldon

oversaw Elanco's Globalization of Regulatory infrastructure to improve global regulatory outcomes. Dr. Weldon also served as the Global Leader of Elanco's Nutritional Health business unit, where he was focused on expanding Elanco's offering in non-medicated feed additives for livestock. During various points in Dr Weldon's career he also had executive leadership positions with responsibilities for Elanco's commercial operations in Western Europe, as well as responsibilities for Elanco's customer informatics and benchmarking businesses. Dr. Weldon holds a PhD from the University of Nebraska, with a major in Animal Science, Swine Nutrition. Dr. Weldon also holds a MS (Animal Science) and BS (Animal Science) from Michigan State University. Dr. Weldon serves on the board of the American Society of Animal Science, and is on the board of other global, national and local scientific and philanthropic organizations.



Dr. Beth Dunford
Assistant to the Administrator for USAID's Bureau for Food Security; Deputy Coordinator for Development for Feed the Future

Dr. Beth Dunford is the Assistant to the Administrator in the U.S. Agency for International Development's (USAID's) Bureau for Food Security, as well as the Deputy Coordinator for Development for Feed the Future, the U.S. Government's global hunger and food security initiative. In this dual role, she coordinates implementation of Feed the Future across the U.S. Government, oversees its execution, reports on results, and leads engagement with the external community to ensure that food security remains high on the development agenda. She also oversees USAID's technical and regional expertise focused on improving food security to sustainably reduce hunger, poverty and undernutrition. A career Foreign Service Officer, Dr. Dunford most recently served as Director of USAID's Mission in Nepal, overseeing the country's massive earthquake recovery and reconstruction effort. Dr. Dunford has also served in Ethiopia and Afghanistan where she directed agriculture, resilience and emergency food assistance programs, as well as in a number of roles in Washington, D.C., including Deputy Assistant to the Administrator in the Bureau for Food Security and Senior Development Advisor to the Secretary of State's Special Representative to Afghanistan and Pakistan. Dr. Dunford earned her bachelor's degree from Northwestern University and her Ph.D. in Sociology from Michigan State University.



Congressman Ted Yoho
United States Representative for Florida's 3rd Congressional District

Congressman Ted Yoho represents North Central Florida's 3rd Congressional District. He was elected to the 113th Congress in November 2012, and won re-election for his four term in the 116th Congress. His approach to government is guided by constitutional principles, limited government, fiscal conservatism, Personal Responsibility, and free enterprise. These principles keep Congressman Yoho focused on supporting bills that help make American strong. Ted has been known to stand up and challenge the status quo for the better. Prior to serving in Congress, he was a small business owner who operated

several large animal veterinary practices for 30 years. During his successful career, he established a reputation of accountability and service. Born in Minnesota, Ted moved to South Florida where he met his wife Carolyn in the fourth grade and married her at age 19. After completing his AA degree at Broward Community College, Ted and Carolyn moved to Gainesville where Ted enrolled at the University of Florida. He graduated in 1983 with his bachelor's degree in Animal Science and Doctorate of Veterinary Medicine, while Carolyn had created her own very successful court reporting agencies. Ted and Carolyn are the proud parents of three children: Katie, Lauren, and Tyler. When he is not in Washington representing his constituents and serving the country he loves, he is home spending time with his wife and three kids, cheering on the Gators, and if time permits occasionally fishing.



**Dr. Montague Demment
Vice President International Programs, Association of Public
and Land-grant Universities**

Dr. Montague W. Demment (Tag) is Vice President for International Programs at APLU, former Director of the Global Livestock Collaborative Research Support Program, a program funded by USAID that was focused on research and capacity development, and Professor Emeritus of ecology at the University of California, Davis. In his position at APLU he leads APLU's international programs, has been involved in advocacy for higher education support to developing countries, been instrumental in the creation of APLU's Africa-US Higher Education Initiative and organized the process by which the research community provided input to the USAID's Feed the Future research strategy. Demment has conducted research on nutritional ecology of herbivores and nutrition of children in developing countries. At UC Davis he established the College of Agriculture and Environmental Sciences Sustainable Agricultural Program and the Century Experiment in cropping systems, now in its 25th year. He is past president of AIARD (Association for Agriculture and Rural Development) and chaired APLU's International Agriculture Coordinating Committee that advocates for international issues in agriculture. Demment served as a Peace Corps Volunteer in Ethiopia. Demment earned his B.A. from Harvard and his MS and Ph.D. from the University of Wisconsin-Madison in Zoology and was an NIH postdoctoral fellow in animal nutrition at Cornell.



**Dr. Laurie C. Miller, M.D.
Professor of Pediatrics, Adjunct Professor of Nutrition and of
Child Development, Tufts University**

Dr. Laurie C. Miller, M.D. is Professor of Pediatrics and Adjunct Professor of Nutrition and of Child Development at Tufts University in Boston, USA. She has published two books, more than 100 peer-reviewed articles and more than 40 chapters related to pediatrics and international child health. She works with Heifer International Nepal as a consultant in projects supported by the Feed the Future Innovation Labs for Nutrition and for Livestock Systems. She also serves as a consultant on zoonotic diseases to a World Bank-funded project in Nepal. She is currently a visiting professor and researcher in the Department of Child Psychiatry at Ste. Anne's Hospital in Paris.



Dr. Lora Iannotti
Associate Dean for Public Health and Associate Professor
Brown School, Washington University in St. Louis

Dr. Lora Iannotti has expertise in maternal and young child nutrition and nutrient deficiencies (zinc, iron, vitamin A, B12, choline, and fatty acids) related to poverty and infectious diseases. She applies epidemiological methods to investigate interventions aimed at reducing stunted growth and development. Iannotti leads projects in Haiti, Ecuador, and East Africa where she collaborates with local partners to test innovative, transdisciplinary approaches using animal-source foods and small livestock and fisheries development. She is founder and director of the E3 Nutrition Lab, working to identify economically affordable, environmentally sustainable, and evolutionarily appropriate nutrition solutions globally. Iannotti serves as Associate Dean for Public Health, leading the MPH program at the Brown School. Iannotti received her doctorate from the Johns Hopkins University Bloomberg School of Public Health, and a Master of Arts degree in Foreign Affairs from the University of Virginia. Prior to pursuing her PhD, she worked for over ten years with UN agencies and non-governmental organizations on nutrition and food security programming and policy. She serves on public health advisory and journal editorial boards and consults with WHO, International Livestock Research Institute (ILRI), among other international organizations.



Dr. Sarah McKune
Associate Professor, Public Health and Health Professions,
University of Florida

Dr. Sarah L. McKune is an Assistant Professor in the Department of Environmental and Global Health and the Center for African Studies at the University of Florida. For the past 15 years she has worked with global health development programs, largely in the West African Sahel, but also in Nepal, Haiti, Uganda, and Ethiopia. She holds a B.A. in French and Sociology, a Master's in Public Health, a Ph.D. in Interdisciplinary Ecology, and was a Post-Doctoral Fellow for the CGIAR's research program on Climate Change, Agriculture, and Food Security (CCAFS). She served as the Director of Public Health Programs for the College of Public Health and Health Professions from 2013-2016 before joining the department of Environmental and Global Health. She currently serves as the Human Health and Nutrition Cross Cutting Theme leader for the Feed the Future Innovation Lab for Livestock Systems. Dr. McKune's research seeks to explain the complex, household dynamics that affect child growth and nutritional outcomes, including behavior, women's empowerment and gender dynamics, climate change, hygiene and sanitation, and livestock ownership.



Dr. John McPeak
Professor, Department of Public Administration and International Affairs, Syracuse University

Dr. John McPeak served three years as an agricultural extension agent in Senegal as a Peace Corps volunteer. He received his master's and PhD from the University of Wisconsin-Madison. After receiving his doctorate based on field work in northern Kenya, he took a post-doctoral research associate position with Cornell University. He was based in Marsabit, Kenya and worked in northern Kenya and southern Ethiopia with the USAID/GL-CRSP funded Pastoral Risk Management Project. After three years of field work with this project he joined the faculty of Syracuse University in 2002. He has continued to conduct research in Kenya, Ethiopia, Senegal, and Mali largely focused on livestock production, marketing, and livestock crop interactions. He was Principal Investigator (PI) for the Livestock and Climate Change CRSP's *La Gestion des Systèmes Fluviaux pour l'Avenir* project in Senegal, he served as co-PI for the Mali Livestock and Pastoralist Initiative in Mali, and has served as co-PI for the Assets and Market Access CRSP's Index Based Livestock Insurance project in Kenya.



Dr. Arie Havelaar
Professor, Emerging Pathogens Institute, and Animal Sciences, University of Florida

Dr. Arie Havelaar is a Preeminent Professor in the Animal Sciences Department, the Institute for Sustainable Food Systems and the Emerging Pathogens Institute of the University of Florida, Gainesville. His research focuses on epidemiology and risk assessment of foodborne and zoonotic diseases and their prevention. He has published extensively on the global burden of foodborne disease. He contributes to the Feed the Future Innovation Lab for Livestock Systems, leads the "Campylobacter Genetics and Environmental enteric Dysfunction (CAGED)" project and participates in several other projects focusing on food safety in low- and middle-income countries.



Dr. Derek Headey
Senior Research Fellow, International Food Policy Research Institute

Derek Headey is a Senior Research Fellow in the Poverty, Health and Nutrition Division at the International Food Policy Research Institute (IFPRI), where he has worked since 2008. A development economist, his research currently focuses on agricultural development and nutrition, though he has also worked on food security and poverty reduction issues. He is the Principal Investigator for the Advancing Research on Nutrition and Agriculture (ARENA) project, funded by the Bill & Melinda Gates Foundation, and also part of several major research consortia looking at nutrition issues in South Asia. He has published in a variety of journals,

including *World Bank Economic Review*, *Proceedings of the National Academy of Sciences (PNAS)*, *World Development*, *Food Policy*, *Journal of Development Studies*, *World Bank Research Observer*, *Population and Development Review*, and *Agricultural Economics*, among others. He also coauthored a widely cited book on the global food crisis with Shenggen Fan, and a number of journal articles on the cause and consequences of higher food prices. He received his PhD in Economics from the University of Queensland in 2008.



Dr. Felicia Wu
John A. Hannah Distinguished Professor, Department of Agricultural, Food, and Resource Economics, Michigan State University

Dr. Felicia Wu is the John A. Hannah Distinguished Professor of Food Science & Human Nutrition and Agricultural, Food, & Resource Economics. Her research examines the national and global burden of foodborne disease, how improved nutrition can counteract the harmful effects of toxins, and how cost-effective strategies can improve food safety in the United States and worldwide. Recently, her work has expanded to examine the risk of antimicrobial resistance from antibiotic use in livestock production, and how we can curb these risks. For her research on the impact of aflatoxin regulations on global liver cancer, Dr. Wu was awarded a US National Institutes of Health (NIH) EUREKA Award. She was commissioned by the World Health Organization (WHO) to estimate the global burden of disease caused by aflatoxin and arsenic in food, and co-authored the WHO 2015 report on the Global Burden of Foodborne Disease. Currently, Dr. Wu serves as an expert advisor to the Joint FAO/WHO Expert Committee on Food Additives (JECFA) of the United Nations. She is an area editor for three journals: *Risk Analysis*, *World Mycotoxin Journal*, and *Archives of Environmental and Occupational Health*. Recently, she served on the US National Academy of Sciences (NAS) panel on the future of animal sciences research for global food security. Currently, she serves as an invited reviewer for the Intergovernmental Panel on Climate Change (IPCC: 2007 Nobel Peace Laureate) Sixth Assessment Report. She has also been selected to serve on the MSU Presidential Search Committee. Dr. Wu earned her A.B. and S.M. in Applied Mathematics and Medical Sciences at Harvard University, and her PhD in Engineering and Public Policy at Carnegie Mellon University.



Dr. Geoffrey Dahl
Harriet B. Weeks Professor of Animal Sciences, University of Florida

Geoffrey E. Dahl is the Harriet B. Weeks Professor in the Department of Animal Sciences at the University of Florida, Gainesville. He previously served as Chair of the Department for 12 years, serving as liaison between the university, livestock producers, and allied industries in Florida. Dr. Dahl conducts applied and basic research with direct impact on dairy production. Specific research interests include effects of photoperiod manipulation on production and health, the impact of frequent milking in early lactation on milk production, and heat stress abatement during the dry period on cow productivity and health. Those research efforts are disseminated through his Extension programming in the US and abroad. Indeed, Dr. Dahl has been invited to present his research findings in 20 countries and has active Extension program

efforts in a variety of developing countries including Sri Lanka, Nepal, Rwanda and Ethiopia. Dr. Dahl has authored over 115 peer-reviewed papers and numerous symposium and popular press articles. He has trained 22 graduate students and post-doctoral fellows. Dr. Dahl is a member of several professional and honorary societies including the American Dairy Science Association (ADSA), the American Society of Animal Science, the Society for the Study of Reproduction, and the Endocrine Society. He currently serves as President of ADSA.



Dr. Sara Place
Senior Director of Sustainable Beef Production Research,
National Cattlemen’s Beef Association

Sara Place is the Senior Director of Sustainable Beef Production Research at NCBA. Her role is to oversee The Beef Checkoff funded sustainability program, including using life cycle assessment to benchmark the US beef industry’s sustainability. Prior to joining NCBA, she was an Assistant Professor of Sustainable Beef Cattle Systems at Oklahoma State University for four years, with a split research and teaching appointment. At Oklahoma State, her research program focused on the measurement of enteric methane emissions from cattle. Her teaching responsibilities included Animal Nutrition, Dairy Cattle Science, Ethics and Professionalism, and Sustainable Animal Agriculture. From 2014-15, she served on the National Academies of Sciences Committee on Considerations for the Future of Animal Science Research that published the report, *Critical Role of Animal Science Research in Food Security and Sustainability*. She received her Ph.D. in Animal Biology from University of California, Davis, a B.S. in Animal Science from Cornell University, and an A.A.S. in Agriculture Business from Morrisville State College.

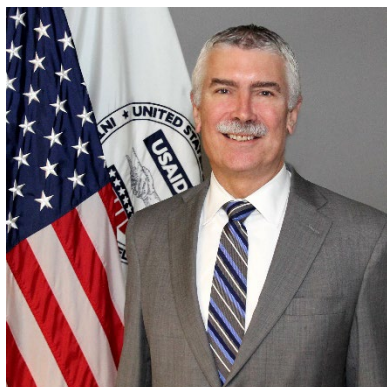
~ Panelists ~



Dr. Jay Scott Angle
Director, National Institute of Food and Agriculture, USDA

Dr. J. Scott Angle was sworn into office as the third Director of the National Institute of Food and Agriculture on October 29, 2018. Dr. Angle received his B.S. and M.S. at the University of Maryland in Agronomy and Soil Science, respectively. He obtained his Ph.D., from the University of Missouri with an emphasis on Soil Microbiology. Angle worked for 24 years as a Professor of Soil Science and administrator (Director of the Maryland Agricultural Experiment Station and Maryland Cooperative Extension) at the University of Maryland. His early work focused on the study of losses of nutrients from agro-ecosystems, and their impact on the Chesapeake Bay. He also studied the impact of heavy metals on the food chain with the goal of protecting our food supply from these harmful elements. Later he concentrated his studies on phytoremediation, the use of plants for extraction of heavy metals from soil. In 2005, he moved to Athens, Georgia, where he served as Dean and Director of the College of Agricultural and Environmental Sciences at the University of Georgia for 10 years. He is a fellow in the

American Society of Agronomy and the Soil Science Society of America. He is also a Fulbright Fellow, having worked at the Rothamsted (Research) Experimental Station, in the United Kingdom. Most recently, he served as President and CEO of the International Fertilizer Development Center (IFDC), where he oversaw a staff of over 800 and coordinated development projects in diverse regions of the world.



Dr. Robert Bertram
Chief Scientist, USAID, Bureau for Food Security

Rob Bertram is the Chief Scientist in USAID's Bureau for Food Security, where he serves a senior advisor on agriculture and nutrition in the implementation of the Global Food Security Act. In this role, he leads USAID's evidence-based efforts to advance research, technology and implementation in support of the U.S. Government's global hunger and food security initiative, Feed the Future. He coordinates the Bureau for Food Security's research portfolio spanning the U.S. University Feed the Future Innovation

Labs, the International Agricultural Research Centers, public-private partnerships in biotechnology, all of which partner and build capacity with partner country organizations. He previously served as Director of the Office of Agricultural Research and Policy in the Bureau for Food Security, and prior to that, guided USAID investments in agriculture and natural resources research for many years. Dr. Bertram's academic background in plant breeding and genetics includes degrees from University of California, Davis, the University of Minnesota and the University of Maryland. He also studied international affairs at Georgetown University and was a visiting scientist at Washington University in St. Louis. Before coming to USAID, he served with USDA's international programs as well as overseas with the Consultative Group on International Agricultural Research (CGIAR) system.

Annie Kneeder
Senior Director, Strategy and Social Enterprise, Corporate Responsibility & Sustainable Development, Cargill



Mark Mitchell
Director of Livestock/Dairy Development, Land O'Lakes

Mark joined Land O'Lakes in January, 2018. He has been working with livestock since his childhood, where he grew up on a large beef cattle operation in Virginia. In fact, he still owns a 100-acre Angus cow/calf farm in Virginia's far western tip. After graduating from Virginia Tech, he travelled to Ecuador to lead a Ministry of Agriculture beef and dairy breeding and training farm. From South America it was off to the former Soviet Union where Mark began working with ABS Global to introduce one of the original value-chain projects to Russia. This included the introduction of artificial insemination, feedlot fattening,

slaughter and processing with the value-add products being sold to the Sheraton Hotel and McDonalds in Moscow. Mark has also completed assignments with USDA in Iraq and Afghanistan to round out a

background with the private-sector, NGOs, and government during his career. His list of work and countries also includes most of East Africa, where his last overseas assignment was working with the Karamojong in Uganda. Since joining Land O'Lakes International Development, Mark has worked to build Purina and Land O'Lakes Inc. Food Safety teams into development project designs.

~ Facilitators ~



Saskia Hendrickx
Deputy Director, Feed the Future Innovation Lab for Livestock Systems, University of Florida

Saskia Hendrickx is the Deputy Director of Feed the Future Innovation Lab for Livestock Systems at the University of Florida. Saskia is a veterinary epidemiologist by training with over 15 years of experience in public health, livestock research and project management in developing countries. She worked at the World Health Organization (WHO) in different locations dealing with the direct negative impact of livestock diseases on human health such as Highly Pathogenic Avian Influenza (H5N1) and other emerging pathogens. From 2009-2016 she worked for the International Livestock Research Institute (ILRI) based in Kenya and later in Mozambique where she managed projects aimed at improving surveillance of zoonotic diseases and improving livestock production to increase household income in sub-Saharan Africa and India.



Tyrell Kahan
Livestock Adviser, Research Division of the Bureau for Food Security, USAID

Tyrell Kahan is a Livestock Adviser in the Research Division of the Bureau for Food Security, and serves as the activity manager of the Feed the Future Innovation Lab for Livestock Systems. Tyrell received his BS and DVM from the University of Florida as well as a Master's in Development Practice degree from Emory University in Atlanta, GA. He is also a Diplomate of the American College of Veterinary Preventive Medicine.



Dr. Joyce Turk
External Advisory Board, Feed the Future Innovation Lab for Livestock Systems

Joyce Turk's career spanned thirty-five years as Foreign Service Officer and Civil Service employee with focused experience in agricultural and livestock program management after serving as a livestock advisor in the U.S. Peace Corps-Philippine Islands. Her responsibilities have included managing a multimillion dollar portfolio of livestock projects and the implementation of research activities and teams, analyzing the feasibility of technical proposals and negotiating terms of reference, evaluating international research programs, coordinating strategic portfolio planning, and organizing and chairing international and domestic symposia on global livestock production and trade. In addition to the University of Florida's Innovation Lab, Turk serves on External Advisory Boards for Texas A&M University's Institute of Infectious Animal Diseases (IIAD) and for Ohio State University's Global One Health initiative (GOHi). She has published numerous papers for USAID reporting as well as for public access. She was a multi-year recipient of USAID's Meritorious Performance Awards and is listed in Who's Who of American Women.

~ Concluding remarks ~



Dr. Jack Payne
Senior Vice President for Agriculture and Natural Resources, Institute of Food and Agricultural Sciences, University of Florida

Dr. Jack Payne is the University of Florida's senior vice president for agriculture and natural resources and has led the UF Institute of Food and Agricultural Sciences since 2010. He has kept the organization strong despite lean state budgets and is now coming off a year in which UF/IFAS brought in a record \$166 million in research grants and \$47 million in private donations and pledges. He is a champion for agricultural research and has advocated for public funding and public attention focused on the need for evidence-based solutions for citrus greening and other threats to Florida agriculture and natural resources. His idea to start a global food systems institute to make UF an international leader in food security issues is one of the UF Preeminence campaign's most prominent initiatives. He's currently involved in talks with both the medical center and the engineering school in Gainesville to expand the Extension model university-wide. He has also overseen the launch of Challenge 2050, a new undergraduate program in which students learn through developing their own solutions to the grand challenge of feeding a projected 10 billion people by mid-century. The UF/IFAS College of Agricultural and Life Sciences has a record enrollment of more than 6,000 graduate and undergraduate students. Payne has worked at Penn State, Texas A&M, Utah State and Iowa State. He also spent 10 years leading conservation efforts for Ducks Unlimited. Now at his fifth land-grant university, he is passionate about the research, teaching, and extension missions and insists that land-grants will have to play a central role in meeting many of the grand challenges of our times. Payne likes to say the state is his office. Indeed it is, as he oversees Extension offices in all 67 Florida counties as well as 17 research and education centers, the College of Agricultural and Life Sciences, and the College of Veterinary Medicine. He travels the state frequently to visit with growers, land managers, association leaders, legislators, and employees.



FEED THE FUTURE

The U.S. Government's Global Hunger & Food Security Initiative

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