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BIOGRAPHIES

David P. Alt is an international development professional with Catholic Relief Services' (CRS) Institutional Donor Engagement and Advancement Department. Based at CRS headquarters in Baltimore, Maryland he is currently the director of U.S. government donor engagement. David currently oversees CRS's portfolio for Food for Peace's development and emergency Food Assistance programs, as well as, the Joint Emergency Operation Plan in Ethiopia. In addition, David's team supports and oversees the implementation of other U.S. government funded programs including but not limited to USDA's Food for Progress and McGovern Dole, USAID's Office of Foreign Disaster Assistance, U.S. Department of State's Bureau of Population, Refugees, and Migration, and the Center for Disease Control. Prior to his current role at headquarters, David served as senior leadership in Guinea and Sierra Leone, where he managed those country office's programmatic and emergency portfolios.

Ingrid Ardjoesodiro is the branch chief of the McGovern Dole International Food for Education and Child Nutrition Program in USDA's Foreign Agricultural Service. Ingrid is an agricultural economist with more than 15 years of experience in agriculture and food security issues. She provides technical direction in the design, implementation, and monitoring of locally appropriate interventions that promote rural prosperity while ensuring sustainable use of natural resources. Ingrid holds advanced degrees in both fisheries and agricultural and natural resource economics. Her passion for agriculture has led her to working with U.S. and international farmers to improve livelihoods and strengthen community resilience.

Dr. Walter Baethgen heads the regional and sectorial research program and the Latin America and the Caribbean program in the International Research Institute for Climate and Society (IRI) at Columbia University where he establishes regional research programs to improve climate risk assessment and risk management in agriculture, health, water resources and natural ecosystems. Prior to IRI, Dr. Baethgen was a senior scientist in the research and development division of IFDC, where he worked mainly in information and decision support systems for the agricultural sector. Baethgen has consulted for the Inter-American Development Bank, UNDP, UNIDO, FAO, the IAEA, The World Bank and IICA. He also consulted for the governments of Brazil, Chile, Paraguay, Guatemala and Uruguay as well as the private sector. He holds PhD and MS degrees in crop and soil environmental sciences from Virginia Polytechnic Institute and State University, and his BS in agricultural engineering from the University of Uruguay.

Marc Bellemare is an associate professor in the Department of Applied Economics at the University of Minnesota, where he also directs the Center for International Food and Agricultural Policy. He serves as one of two co-editors of Food Policy. His research lies at the intersection of agricultural economics, food policy and international development. A few specific areas of his research include land markets, market access, risk and uncertainty, agricultural value chains, and food prices.

Eric Benschoter is QED's deputy director of monitoring and evaluation and has managed monitoring and evaluation of foreign assistance projects, program design, data management and integration, and reporting for more than 17 years. He has conducted or supported performance evaluations in 17 countries in sectors including climate change, agriculture, humanitarian response, natural resource management, research and education. Currently, Mr.

Benschoter oversees several evaluation mechanisms providing M&E and assessment services to USDA, USAID and the Department of State. Prior to QED, he served for nine years in the USAID Office of Agriculture and Office of Private Voluntary Cooperation as an evaluation analyst, providing programmatic oversight for the Farmer-to-Farmer volunteer program and the Cooperative Development Program. Benschoter holds a dual BA in international affairs and French from Florida State University and an MA in international development from George Washington University.

Dr. Rob Bertram is the chief scientist in USAID's Bureau for Food Security, where he leads USAID's evidence-based efforts to advance research, technology and implementation in support of the Feed the Future initiative. Previously, Dr. Bertram served as director of the Office of Agricultural Research and Policy in the Bureau for Food Security and guided USAID investments in agriculture and natural resources research for many years. Dr. Bertram studied plant breeding and genetics from UC-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 system.

Dr. Howarth Bouis will be awarded the 2016 World Food Prize, along with colleagues from the International Potato Center (CIP), for his pioneering work in ending global hidden hunger through biofortification. Their work with sweet potato has already improved the health of over 15 million people by reducing "hidden hunger." Several hundred million will benefit in coming decades. Bouis is the founder and director of the HarvestPlus program, which is dedicated to promoting nutrition, health and livelihoods by enriching staple food crops with micronutrients, a process known as biofortification. He pioneered this concept in the early 1990s and has devoted his career to turning this idea into a global movement. Bouis coordinates an interdisciplinary, global effort to breed and disseminate micronutrient-rich staple food crops to reduce hidden hunger.

Elizabeth Basauri Bryan is a senior research analyst in the Environment and Production Technology Division of the International Food Policy Research Institute (IFPRI) where she focuses on climate change adaptation and mitigation and water resourced management. Prior to IFPRI, she worked as a consultant for the Poverty Reduction Group of the World Bank where she helped compile a database of impact evaluations and a program assistant in the Latin American Program of the Woodrow Wilson International Center for Scholars. Elizabeth received an MA in international development with a concentration in development economics from American University.

Niklas Buehren is an economist with the World Bank's Africa Region Gender Practice. He coordinates and participates in a portfolio of impact evaluations. His work and research interest primarily focuses on technology adoption and access extension services in agriculture, land tenure, entrepreneurship, microfinance, adolescent development and intra-household bargaining. Before the World Bank, Niklas worked in the research unit of a NGO in Uganda, Tanzania and Southern Sudan. He holds an MA in economics from the London School of Economics.

Dr. Donald Bundy is the senior advisor and deputy director for global health at the Bill and Melinda Gates Foundation. As part of the Neglected Tropical Diseases (NTD) team, he works on the delivery of investments to control and eliminate 10 diseases. He previously served as lead health specialist at the World Bank, coordinating

the World Bank response to NTDs, while also leading, in partnership with the World Health Organization, a \$1.2 billion African Riverblindness Programme that treats more than 100 million people annually. Donald had a successful academic career in at Oxford University, Imperial College London and the University of the West Indies, with a focus on the epidemiology and control of infectious disease. He is widely published and produced several documentary films, including a series broadcast on PBS, and is a member of the editorial team of the 3rd Edition of Disease Control Priorities.

Christopher M. Burns is the senior coordinator of digital development with Feed the Future. In this capacity, he leads the technical team within the U.S. Global Development Lab, working alongside the Bureau for Food Security, to integrate a suite of digital technologies into Feed the Future activities. He previously served as acting director for the team, as well as senior advisor for digital inclusion. At USAID, he has spearheaded a number of public-private partnerships including the Digital Impact Alliance, the GSMA Connected Women Program and the Alliance for Affordable Internet. Mr. Burns spent nearly 10 years with the Peace Corps, as program and training officer for Peace Corps/Niger, country desk officer for Central Asia, and agro-forestry advisor in Ghana.

Judy Canahuati has been the senior technical advisor in USAID's Food for Peace on Maternal and Child Health, Nutrition and HIV for the last 12 years. She manages the Tufts University School of Nutrition Review of Food Aid Quality and the Technical and Operations Performance Support (TOPS) programs. She has 40 years' experience supporting maternal child nutrition and health programs in over 20 countries in Latin America, Asia and Africa working with NGOs, USAID, governments and international organizations. She lived in Honduras for over 30 years, focusing on maternal and child health – particularly breastfeeding. Returning to the U.S. in 2001, she worked with the CARE Health, Emergency, Food Security and HIV units and managed a Mellon grant to improve collaboration between CARE, Emory and CDC before joining Food for Peace.

Dr. Greg Collins is the director of the USAID Center for Resilience and serves as the Agency's Resilience Coordinator, providing strategic guidance and technical support on resilience to missions in Africa, Asia and the Middle East. Dr. Collins was based in Kenya during the 2011 drought emergency and helped lead the development of USAID's Horn of Africa resilience strategy in 2012. He also helped lead the development of USAID's Sahel resilience strategy in 2012-2013. Dr. Collins worked for more than a decade as a strategy and technical advisor on food security, monitoring and evaluation, and vulnerability assessment and analysis to various UN agencies (FAO, WFP, UNICEF) and NGOs in east and southern Africa and the Middle East. He holds an MPH from Tulane University and a PhD in economic sociology from UC-Davis.

Jason Compoy is the acting branch chief of the Monitoring and Evaluation Staff in USDA's Office of Capacity Building and Development (OCBD). Jason provides technical guidance and assistance to OCBD staff on the incorporation and utilization of monitoring and evaluation and Results Oriented Management systems into all OCBD programs. Prior to joining USDA, Jason worked as an Evaluator at Peace Corps Washington, the Programming and Training Officer for Peace Corps Armenia, the Country Director for USAID's START project in Uzbekistan, and managed USAID's Regional Office in Kazakhstan. Jason began his career in international development as a Peace Corps Volunteer in Kazakhstan.

Angela Crooks is the branch chief for the Program Administration and Monitoring Branch in the USDA/FAS Food Assistance Division. She oversees project management for the McGovern-Dole and Food for Progress program areas, focusing on financial monitoring and compliance with agency and government-wide regulations. Prior to joining USDA, Angela managed projects for the Department of Energy's (DOE) Solar Energy Technology Office. She also led portfolio management and risk assessment initiatives for the Project Management Coordination Office, which supported 10 technology programs within DOE. Angela worked for USAID's Europe and Eurasia Bureau and has lived in Russia, Ukraine and Kazakhstan. She is a certified Project Management Professional and has an MBA in finance.

Todd Crosby is a senior technical director for the National Cooperative Business Association in Washington, DC. He has more than 20 years of experience designing and managing food security, health, agriculture and enterprise development initiatives on behalf of a range of international donors, including USAID, DFID and the World Bank. He has led several development projects in Senegal, Mali and Ghana. Most recently, Todd was the chief of party for the USAID's Yaajeende Food Security Project in Senegal. He regularly contributes to scholarly publications on themes relating to international development and holds a MA in sociology from the University of Chicago.

Shane Danielson is the branch chief for Transportation and Logistics in the U.S. Department of Agriculture's Food Assistance Division. In this capacity, Shane coordinates the procurement of commodities and freight in support of the McGovern-Dole Food for Education and Child Nutrition Program and Food for Progress. Shane has worked in the Foreign Agricultural Service for seven years, managing programs that strengthen food safety standards in developing countries and promote U.S. agricultural exports internationally.

Heather Danton is the director of food security and nutrition at John Snow International (JSI) under the Strengthening Partnerships, Results and Innovations in Nutrition Globally (SPRING) project. She has over 25 years of experience in the area of food security and livelihoods and specializes in the design, implementation, monitoring and evaluation of programs that integrate economic and agricultural development with nutrition. Prior to JSI, Heather served as senior director of food security and livelihoods for Save the Children and vice president for SEED Corporation, doing small business lending and entrepreneurial training in association with the U.S. Small Business Administration. Heather holds an MS in agriculture from Cornell University and a BS in biology from Stanford University.

Dr. Omar Dary has provided technical assistance to more than 40 countries in the areas of micronutrient interventions, mainly food fortification, and nutrition surveillance for the last 25 years. He has been an advisor to WHO, UNICEF, FAO, WFP, IAEA, PAHO, the CDC, ILSI, MI, GAIN, and SUSTAIN. From 1990 to 2002, Omar led the Micronutrient Group, and the Nutritional Biochemistry and Food Composition Laboratories of the Institute of Nutrition of Central America and Panama, where he. He also worked for several organizations that implemented USAID development projects in nutrition. He is member of the steering committees of the Iodine Global Network and the International Zinc Nutrition Consultative Group.

Clifford Yu Davison is a Food for Peace Officer with USAID's Office of Food for Peace (FFP) in Washington, DC, where he helps to backstop emergency and development food assistance programs in Ethiopia. In his role,

he is responsible for analyzing the food security situation in Ethiopia and recommending and implementing food assistance strategies to be carried out by implementing partners, including private voluntary organizations and international organizations like the United Nations World Food Program. Prior to joining FFP in 2015, Cliff worked as a program officer for the World Food Programme, providing technical assistance on Nutrition, Maternal and Child Health as well as HIV/AIDS and Tuberculosis for 13 countries. Trained as a medical doctor, Cliff went to UNC Chapel Hill School of Medicine before joining the United Nations and also holds a MPH in global health from George Washington University.

Dr. Eugenio Diaz-Bonilla joined IFPRI as a visiting senior research fellow in 2012. Dr. Diaz-Bonilla has more than 30 years of professional experience working on development and poverty issues as advisor and consultant to governments in developing countries on macroeconomic and trade policies, poverty alleviation, and food security programs and extensive involvement in project preparation, financing, and implementation, mainly on agricultural and rural development operations. He has worked in many Latin American and Caribbean countries and acted as consultant and staff member with several international organizations: United Nations Development Program, Food and Agriculture Organization, Inter-American Institute for Cooperation in Agriculture, Organization of American States, and World Bank. Dr. Diaz-Bonilla has led diplomatic and negotiating activities as a senior diplomat for Argentina, focusing on agricultural trade issues in bilateral, regional, and multilateral negotiations. He received a PhD in economics as well as an MA in economics and an MA in international relations from Johns Hopkins University.

Soukeyna Cissé Diop is the founder of Quali'Volaille, a brand that supplies quality poultry at an affordable cost to her community in Senegal. Born and raised in Dakar, Soukeyna earned a BA in international management before traveling to the UK to continue her studies in business administration. Returning to Senegal, she worked for a new regional e-commerce office of a multinational company before leaving to set up her own business. Soukeyna hopes for food self-sufficiency in Senegal and in Africa and promotes poultry farming among youth.

Dr. Lesley Drake is the executive director of the Partnership for Childhood Development (PCD) and acts as deputy director of the London Centre for Neglected Tropical Disease Research and associate professor at the University of Washington. Lesley has managed the PCD since 2007 while simultaneously leading the development of Deworm the World. With over 20 years' experience, she is committed to child development issues and has focused her career on translating quality research into holistic and operational solutions for comprehensive school health and nutrition. Her work has also contributed to global efforts to achieve equitable Education for All. Lesley holds a PhD in epidemiology and parasitology from Imperial College London.

Dr. Beth Dunford is the assistant to the administrator for 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 has served as Director of USAID's Mission in Nepal and also previously directed agriculture, resilience and emergency food assistance programs in Ethiopia and Afghanistan. Dr. Dunford earned her

bachelor's degree from Northwestern University and her PhD in sociology from Michigan State University.

Dina Esposito is the director of USAID's Office of Food for Peace. She began her career as a Presidential Management Fellow at the U.S. Department of State, where she covered African refugee assistance issues in the Bureau for Population, Refugees and Migration. She was a disaster response manager for the Horn of Africa in USAID's Office of U.S. Foreign Disaster Assistance before serving as a consultant on policy analysis, program design, and training for staff working in conflict and post-conflict settings. Prior to re-joining USAID as Food for Peace Director, Dina worked for Pact, a U.S. nongovernmental organization, as chief of party for the Constructive Dialogue Initiative project, a democracy, governance and conflict mitigation program.

Andrew Epstein is a senior education and evaluation technical specialist at Social Impact. He is the co-author of the USDA Bangladesh Post-Project Sustainability Evaluation and a monitoring and evaluation specialist with expertise in qualitative, quantitative and mixed research methods. He obtained his PhD in international and comparative education/anthropology from the University of Wisconsin and his MEd in educational leadership and policy studies from the University of Washington.

Diana Epstein is a senior evidence analyst at the White House Office of Management and Budget (OMB). She focuses on efforts to develop and use evidence on program effectiveness and provides expert advice and technical assistance on evidence-related activities and initiatives for a broad range of federal agencies and functions. She was previously a research and evaluation manager at the Corporation for National and Community Service and a program evaluator and policy analyst at Abt Associates, the American Institutes for Research and the RAND Corporation. She has an MPP from UC Berkeley and a PhD in policy analysis from the Pardee RAND Graduate School.

John Floretta is the associate director of policy for the Abdul Latif Jameel Poverty Action Lab (JPAL). Prior to this role, he served as Deputy Director of JPAL South Asia and helped to run JPAL's largest regional office. He was involved with building monitoring and evaluation capacity of government and civil society partners, including the establishment of the South Asia Center for Learning on Evaluation and Results, a World Bank coordinated initiative. John has worked with the UNDP and U.N. World Food Program in China and led evaluation and organizational learning assignments with Nike Foundation and Mercy Corps. He holds a MA in law and diplomacy from Tufts University with concentrations in development economics and human security.

Kimberly Flowers is the director of the Center for Strategic and International Studies (CSIS) Global Food Security Project, which examines and highlights the impact of food security on U.S. strategic global interests. Prior to joining CSIS in 2015, Ms. Flowers was the communications director for Fintrac, an international development company focusing on hunger eradication and poverty alleviation through agricultural solutions. She also worked for USAID, serving overseas as a development, outreach and communications officer in Ethiopia and Jamaica, supporting public affairs in Haiti directly after the 2010 earthquake and leading strategic communications for Feed the Future.

Tim Frankenberger is the president and co-founder of TANGO International and a global expert on food security, livelihood approaches and resilience. Tim has over 35 years of experience in international development,

with specialized skills in project design, monitoring and evaluation and policy analysis. He previously served as senior food security advisor and livelihood security coordinator at CARE and a farming systems research specialist at the University of Arizona. Tim has published numerous articles on household food security and resilience. Tim's graduate work includes an MA as well as doctoral studies in anthropology with a minor in agricultural economics.

Ambassador Christopher E. Goldthwait is the senior advisor for Cantera Partners for more than 10 years. Ambassador Goldthwait is based in Washington, DC and serves as an independent consultant for agricultural consulting firms, law firms, trade associations, and development non-governmental organizations and other non-profit groups in the areas of agricultural policy and international agriculture, with special focus on food security issues. Earlier in his career Ambassador Goldthwait served for 26 years in the Foreign Agricultural Service (FAS). He became the first FAS Foreign Service officer to be appointed and confirmed as a U.S. ambassador. He served as Ambassador to Chad from 1999 to 2004. Earlier in his service, he had postings in both Nigeria and Germany.

Carolyn Hart is director of the Strengthening Partnerships, Results, and Innovations in Nutrition Globally (SPRING) Project and director of John Snow, Inc.'s Washington office. Her specialties include program management, service delivery improvement, policy development, communications and strategic planning. Prior to joining SPRING, Ms. Hart's recent work focused on raising policy-level awareness of the importance of product availability and supply chain management in health programs, addressing logistics system improvement in the context of health system strengthening, and engaging decision makers at ministries, multilateral, and bilateral development agencies, foundations, and nongovernmental organizations in support of information-driven public health supply chains. She holds a MS in Public Health.

Mary Hennigan is a senior technical advisor in nutrition for Catholic Relief Services (CRS). Mary has an MPH with a concentration in nutrition from Tulane University. She has over 30 years of experience with organizations like CRS including CARE and Project Hope, and began her work in the public health field when she was assigned to the Dominican Republic as a Peace Corps volunteer. Currently, Mary is a board member to the CORE Group, a network of over 60 U.S. PVOs working in maternal and child health.

Jim Hershey is the executive director of the World Initiative for Soy in Human Health (WISHH) Program with the American Soybean Association. This innovative program devotes funds and staff resources to agricultural value chains in emerging markets, improving food security and creating trade and long-term demand for U.S. soy. Prior to WISHH, Jim held other export development positions with the American Soybean Association and the U.S.A. Rice Council. Jim was a Peace Corps Volunteer Cote d'Ivoire and earned his BA in American Culture at Northwestern University and an MA in international management from the American Graduate School of International Management in Arizona.

Chris Hillbruner is the Famine Early Warning Systems Network's (FEWS NET) deputy chief of party. He has led FEWS NET's early warning analysis since 2009 and currently oversees the project's technical sectors: decision support, markets and trade, nutrition, livelihoods, and training. Chris regularly presents FEWS NET's analysis to a range of U.S. government offices and leading media outlets including the BBC, NPR, the Atlantic, and the Economist. He has also played a key role in the development of the Integrated Food Security Phase Classification (IPC), the recognized global standard for classifying food insecurity severity. Prior to joining FEWS NET, Chris conducted research for Mercy Corps on urban food security in Mongolia; evaluated food aid exit strategies for Catholic Relief Services and assessed multi-

sectoral nutrition planning in Malawi for the World Bank. Chris was a water/sanitation Peace Corps Volunteer in the Philippines and received an MS in nutrition from Tufts University.

Dr. Muhammad Ibrahim is the director general of the Tropical Agricultural Research and Higher Education center (CATIE). He has made notable contributions in the field of the environment and livestock and is a leader in innovation and development of sustainable farming systems and intelligent climate in Latin America. He also founded the Programme Livestock and Environmental Management, which has played an important role in the transition from traditional systems to environmentally friendly systems. Dr. Ibrahim holds a BS in agricultural science at the University of Guyana (Guyana), an MS in agricultural science and renewable natural resources, with emphasis on ruminant nutrition, at CATIE and a PhD in agricultural science and the environment at the Wageningen Agricultural University (Netherlands).

Dr. Andy Jarvis is the director of the decision and policy analysis area in the International Centre for Tropical Agriculture (CIAT) and is a flagship leader on the Consultative Group for International Agricultural Research (CGIAR) Program for Climate Change, Agriculture and Food Security (CCAFS). Dr. Jarvis has 10 years' scientific research experience in developing countries to support the goals of alleviating poverty and protecting essential ecosystem services, and has published over 70 articles, book chapters or books. In 2003, he won the Crop Science Society of America C-8 Genetic Resources award for his work on conservation prioritization research for wild peanuts in Latin America, and in 2009, received the Ebbe Nielsen award for innovative research in bioinformatics and biosystematics. Dr. Jarvis has been a consultant on a variety of projects for the Food and Agriculture Organization (FAO), European Union, and Global Environment Facility, among others.

Dr. Daniel Jiménez is a scientist at the International Center for Tropical Agriculture (CIAT). He holds a PhD in applied biological sciences (agriculture) from Ghent University (Belgium) and currently is the leader of the group of Big Data at CIAT. Daniel's data-mining approach to agronomy is now rapidly gaining proponents at all levels – from farmers and technicians to government decision makers and agricultural experts. This has put Daniel in the vanguard of scientists who are demonstrating how big data analysis can help address key challenges for tropical agriculture – such as closing yield gaps, and coping with climate change. The U.N. selected Daniel's research to be one of the two winners of its Big Data Climate Challenge at the U.N. Climate Summit in September 2014. Daniel has also worked for Bioversity International and the University of Applied Sciences of Western Switzerland and has been a consultant for Agricultural Research for Development.

Michael Jung is the president of Cantera Partners, LLC where he specializes in bringing together public and private sector partners and resources for development and commercial activities. During his time in Cantera, he has had an integral role in securing more than \$150 million in funding for its partners through U.S. government food aid initiatives. Mr. Jung has successfully developed, negotiated and executed a number of international deals and programs in Europe, Central Asia, Southeast Asia and Africa. Mr. Jung received a MBA from Creighton University and a Bachelor's degree from Texas Christian University.

Dale Kabat is an independent consultant with Cantera Partners. Mr. Kabat has extensive experience in monetization planning, proposals and execution, in market assessments and research, commodities, value chains,

in int'l agricultural projects and development between for-profit and non-profit sectors. He often collaborates with USDA and USAID in many countries on Food for Progress, McGovern Dole, LRP, Title II and other programs. Over the course of his career, he has worked for commercial companies, non-profits and cooperatives across four continents including 14 years with CRS in Africa and Asia. He also worked in Russia with NCBA and commercially in USA and Europe. Mr. Kabat holds an MBA from University of Minnesota. He had also worked in the computer industry, for banks and IBM, and holds a degree in electronic engineering.

Paul W. Kachapulula is a plant pathologist and faculty member of the University of Zambia. He is currently a PhD candidate and a Borlaug LEAP Fellow in the Plant Pathology Program of the School of Plant Sciences, University of Arizona. His doctoral research seeks to reduce aflatoxins in maize and groundnuts, important staples in his home country Zambia, through improved use of biological control with atoxigenic strains. His research contributes to improved food safety and dietary quality across Southern Africa by increasing yields and reducing losses in quality and safety within smallholder farming communities. Paul previously studied agricultural sciences at the University of Zambia and earned an MA in crop sciences and plant pathology from Makerere University (Uganda).

Phil Karsting was appointed administrator of the U.S. Department of Agriculture's Foreign Agricultural Service (FAS) in May 2013. He previously served more than 22 years on Capitol Hill, most recently as Chief of Staff to Senator Herb Kohl, then-chairman of the Senate Appropriations Committee's Subcommittee on Agriculture, Rural Development, and Related Agencies. Concurrent with his duties as FAS administrator, Karsting serves as vice president of the Commodity Creditor Corporation, chair of USDA's Interagency Coordinating Committee on International Agriculture, and as an advisor to USDA's Task Force on Historically Black Colleges and Universities. Karsting began his association with American agriculture working in his family's farm supply business in rural Nebraska. He received a BA in Agricultural Economics from the University of Nebraska-Lincoln. He is also a graduate of the International Culinary Center in New York.

Dr. Jennie Lane is a Mickey Leland International Hunger Fellow placed with Land O'Lakes International Development as an animal health and livelihoods technical advisor. Her current research focuses on understanding the pathways of impact livestock transfer programs have on food security and nutrition at the household level, and the role of financial services in livestock development programming. She spent the last year working in central Malawi with the USAID-funded Livestock for Resilience program implemented by Land O'Lakes. Jennie received a Doctorate of Veterinary Medicine from Michigan State University and an MPH from University of California, Berkeley. Jennie is particularly interested in sustainable and collaborative solutions to improve livelihoods of the world's poorest small holder farmers, and has a special love for working equines.

Sharon Bomer Lauritsen is the assistant U.S. trade representative for agricultural affairs and commodity policy at the Office of the U.S. Trade Representative, Executive Office of the President. Ms. Bomer has overall responsibility for negotiations and policy coordination regarding agriculture. Responsibilities include Free Trade Agreement (FTA) and World Trade Organization (WTO) Development Agenda (Doha) negotiations on agriculture and sanitary and phytosanitary measures, issues affecting trade in agricultural and food products, monitoring and enforcement of existing WTO and FTA commitments for agriculture, and WTO accession negotiations on agriculture **market access**.

Andrew Layton is the chief of party for the Somalia Resilience Consortium. Prior to working on resilience, Andrew was part of the Global Rapid Response Team supporting the program transition between the emergency response to recovery and rehabilitation operations. Andrew was the program director for the World Vision Sri Lanka tsunami response, where he managed a \$110 million program over four years. Andrew was raised as an agropastoralist on a wheat and sheep farm in Australia. He has a Bachelor of Humanities from University of Melbourne, a Masters from the Australian Institute of Management and is completing a Masters in international development at Deakin University, Melbourne.

Dr. Craig McIntosh is a professor of economics at the School of Global Policy and Strategy at UC-San Diego and board officer for Agricultural Technology Adoption Initiative. Dr. McIntosh also serves as the Faculty Chair of agriculture at the Center for Effective Global Action at University of UC-Berkeley and co-chair for agriculture at The Abdul Latif Jameel Poverty Action Lab (JPAL). Dr. McIntosh is a development economist whose work focuses on program evaluation. He has conducted field evaluations of innovative anti-poverty policies and is currently working on research projects investigating how to boost savings among the poor, on whether schooling can be used as a tool to fight HIV/AIDS in Sub-Saharan Africa, and on mechanisms to improve the long-term viability of Fair Trade markets. He received his PhD from UC-Berkeley in agriculture and resource economics.

Catherine McMahon is the senior director for new initiatives and food security at Mercy Corps. She oversees strategic program development and design across Mercy Corps' priority sectors and initiatives, and supports the development, dissemination and refinement of agency strategies and approaches for improved Food Security. She has over 20 years of experience in international humanitarian and development programs throughout Africa, Latin America, the Middle East, Asia and Eastern Europe. Mercy Corps is a leading global organization powered by the belief that a better world is possible, who partners to put bold solutions into action - helping people triumph over adversity and build stronger communities from within.

Dr. Hazel Malapit is a research coordinator at the Poverty, Health and Nutrition Division at the International Food Policy Research Institute (IFPRI). She coordinates research, training and technical assistance on the implementation of the Women's Empowerment in Agriculture Index, manages and coordinates the integration of gender into the research of the CGIAR Research Program on Agriculture for Nutrition and Health and conducts research on gender, women's empowerment, agriculture, health and nutrition issues. Before joining IFPRI, she held the Herman Postdoctoral Fellowship in Gender and Economics at the University of Michigan and conducted research on gender, labor market and data issues at the World Bank's Gender and Development unit. She received her MA in economics from the University of the Philippines, and her PhD in economics from American University.

Christian Merz is the senior program officer for digital solutions within the Agricultural Development Program of the Bill & Melinda Gates Foundation. He is responsible for championing practical, cost-effective, sustainable and scalable solutions that impact smallholder farmers. Previously, he managed SAP's research program on information and communication technologies for development covering agriculture, rural logistics, procurement and retail, financial services. In 2006, he served as technical lead for an EU-funded project that stimulated economic

development of small and micro enterprises in rural Africa through the innovative concept of virtual cooperatives. Other project experiences comprise interoperability in business networks, e-learning platforms to educate in-service teachers and healthcare solutions in rural South Africa. He received his diploma in physics from the Albert-Ludwigs-University (Germany).

Arlene Mitchell is the executive director of the Global Child Nutrition Foundation, working to ensure that children around the world have nutritious, locally-sourced meals at school. Previously, Arlene was a Deputy Director for Agricultural Development at the Bill & Melinda Gates Foundation and an executive in the United Nations World Food Programme, where she led the school feeding program, management and security training programs, and an annual global walk to raise awareness about child hunger. Arlene also managed international technical assistance for the U.S. Department of Agriculture, and served both as a volunteer and as a staff member of the Peace Corps.

Eleanor (Ellie) Morefield is a program analyst in the USDA Foreign Agriculture Service (FAS) Office of Capacity Building and Development. She serves as an evaluator on the monitoring and evaluation staff, where she assists the McGovern-Dole Food for Education and Child Nutrition Program and the Food for Progress Program. Prior to joining USDA, Ms. Morefield worked at Peace Corps Headquarters and Discovery Learning Alliance, strengthening internal monitoring and evaluation by focusing on data collection, management and use, and capacity building through training. Early in her career, she served as a Peace Corps Volunteer in Uzbekistan.

Kyle Murphy is a senior policy associate at the Abdul Latif Jameel Poverty Action Lab (JPAL), where he manages JPAL's agriculture sector. As a member of the policy group, Kyle shares best practices for integrating rigorous evidence into program and policy processes for foundations, NGOs, governments and others. Mr. Murphy holds a MPP in international development and program evaluation from the University of Michigan. As a student, he was a Coverdell Fellow, a Dow Sustainability Fellow, and worked with Global Detroit and Recovery Park to design their social impact monitoring frameworks. Mr. Murphy served as an agricultural extensionist and volunteer coordinator for three years with the Peace Corps in Nicaragua.

Benjamin Muskovitz is the director of the Food Assistance Division in the USDA Foreign Agricultural Service (FAS). Ben started his career at USDA as an agricultural economist in the FAS' Export Credits Division. Upon leaving USDA, he joined USAID's Food for Peace Office where he handled emergency food assistance programs. In 1995, Ben joined the U.S. Department of State and during his 12-year tenure held positions as bureau economist for Latin America, in the National Security Council, served as a special assistant to the Under Secretary of State for Global Affairs, and was the deputy U.S./Mexico border coordinator. Ben also worked for several large private consulting firms focusing on international development before returning to the FAS. He served as a Peace Corps Volunteer in Thailand and received a BA in international affairs from the University of Colorado, Boulder and a MPP from Duke University.

Dr. Geetha Nagarajan is an economist and an impact evaluation (IE) specialist with more than 22 years of experience across the world, with focus on economic strengthening, agriculture, enterprise and rural development, finance, food security and education. Currently, she serves as the technical director at Social Impact where she

leads evaluation teams, designs and conducts multiyear impact evaluations focused on education and agriculture sectors in many African countries. Previously, as research director at the Center for Institutional Reform and Informal Sector at University of Maryland, Dr. Nagarajan led multiple teams to rigorously evaluate for impacts of agricultural value chain projects implemented to improve lives of vulnerable children, microfinance projects in conflict and disaster and innovative agriculture financial services in Africa and Asia. Nagarajan received her PhD in agriculture, environment and development economics from the Ohio State University.

Stella Nash is the regional nutrition and technical services director of the USDA Food and Nutrition Service Mountain Plains Regional Office, based in Colorado. She leads the External and Internal Nutrition Committees, the Health and Wellness Team, and the State and Tribal Nutrition Action Coalitions for the region. Ms. Nash is a Registered Dietician and earned an MA in nutrition education at New York University. She is a member of the Federal Interagency Council on the Homelessness and the Workforce Development Council of the Colorado Federal Executive Board.

Matthew Nims is the deputy director of USAID's Office of Food for Peace. Matt's career with USAID began in Indonesia in 2000, where he worked on food and disaster response programs. He then served in Washington, DC for four years backstopping Asia and Latin America for Food for Peace. More recently, Matt worked on a broad portfolio of development programs in Guyana and managed infrastructure programs in Afghanistan before joining Food for Peace in 2011. After serving as a Peace Corps volunteer in the Dominican Republic, Matt pursued a master's in public health at Emory University.

Greg Olson is the program operations division chief in the Office of Food for Peace, USAID. His primary areas of expertise include Title II procurement, pre-positioning and commodity quality and safety issues. Prior to USAID, Greg worked for the United Nations World Food Program as a policy officer in Washington, DC. Greg holds degrees in international relations from UC- Davis and international public administration from the Monterrey Institute of International Studies.

Daniel Orellana is the regional technical sanitary and phytosanitary advisor for USDA's Foreign Agricultural Service in Central America. Mr. Orellana coordinates and implements the USAID reimbursable programs that cover SPS, MIS as well as other topics in CAFTA-DR and Panama. Mr. Orellana has a total of 16 years with FAS, serving six years as a FAS Locally Employed Staff in Guatemala. He also had a distinguished career in the private sector as regional manager for both PEPSICO and CICI's Pizza. Mr. Orellana holds degrees in economics, political science and an MBA from Pepperdine University and has served as a professor in business, economics and marketing for the Central Bank of Guatemala, Universidad Rafael Landivar and the Universidad Mariano Galvez.

Dr. Washington Otieno is the plantwise programme executive at the Centre for Agriculture and Biosciences International (CABI). Prior to joining CABI, he consulted for the International Plant Protection Convention (IPPC) Secretariat, worked with USAID-Kenya, Kenya Plant Health Inspectorate Service, Tea Research Foundation of Kenya, and lectured at the University of Nairobi. Mr. Otieno also represented Kenya at meetings of the WTO-SPS Committee and the IPPC from 2006 to 2010 and served as a developing country representative in the Working Group and Policy Committees of the Standards & Trade Development Facility. He holds bachelor's and master's

degrees in agriculture and plant pathology from the University of Nairobi and a PhD from Wageningen University.

Robert Paarlberg is an associate at Harvard's Weatherhead Center for International Affairs and recently retired from Wellesley College. He is an independent scholar and consultant specializing in global food and agricultural policy. Paarlberg has recently been a member of the Board of Agriculture and Natural Resources at the National Research Council and a consultant to the National Intelligence Council, USAID, COMESA, IFPRI, the World Bank, and the Bill and Melinda Gates Foundation. In 2009, he presented testimony on U.S. agricultural development assistance policy to the Senate Committee on Foreign Relations.

Dr. Rufino Perez is a food technologist at USAID and the main food technology and food safety resource within Food for Peace, supporting country missions and local suppliers throughout the USAID food aid supply chain. Before joining USAID, Dr. Perez worked for Kraft Foods as a corporate food safety and quality expert and nutrition and ingredient researcher. He has vast experience on global food safety programs in both implementation and auditing capacities. He received his PhD from Michigan State University, with his major research being on the use of gas mass spectrometry for the identification of fingerprint volatiles produced by human pathogens in foods, as rapid food safety indicators in packaged food.

Dr. Rafael Pérez-Escamilla is a professor of epidemiology and public health, director of the Office of Public Health Practice and director of the Global Health Concentration at the Yale School of Public Health. He is a member of the National Research Council Food and Nutrition Board and has been a senior scientific advisor to maternal-child community nutrition programs as well as household food security measurement projects funded by several international organizations and foundations, as well as the governments of Mexico, Brazil and Colombia. In 2016, he was awarded a Doctorate Honoris Causa by the University of Guadalajara, Mexico.

Dr. Barry Pittendrigh holds an endowed foundations professorship at Michigan State University and previously held the C.W. Kearns, C.L. Metcalf and W.P. Flint endowed chair in insect toxicology at the University of Illinois at Urbana-Champaign. Prior to this, he was an assistant and associate professor at Purdue University and a Max Planck Fellow at the Max Planck Institute for Chemical Ecology in Jena, Germany. Dr. Pittendrigh has co-authored numerous peer-reviewed journal articles and book chapters. His work spans from insect genomics to integrated pest management strategies for cowpea in West Africa. He also co-founded Scientific Animations Without Borders, a program and systems approach that creates highly scalable educational content for low-literate learners that can be placed into numerous languages and disseminated by global partner groups using a diversity of electronic technologies.

Dr. Sonny Ramaswamy serves as director of the National Institute of Food and Agriculture. He has received research grants from many federal and state agencies, commodity groups and industries for his research in integrative reproductive biology of insects. Earlier in his career, Dr. Ramaswamy taught entomology at Kansas State and Mississippi State, served as the dean of Oregon State's College of Agricultural Sciences and the director of Purdue's agricultural research programs. He has published several journal articles, book chapters and a book and has received a number of awards and honors. He received his BS in agriculture and MS in entomology from the University of Agricultural Sciences in Bangalore, India, and earned his PhD in entomology from Rutgers University.

He is also a graduate of Harvard University's Management Development Program.

Beatrice Rogers is a professor of economics and food policy at Tufts University and the director of the Food Policy and Applied Nutrition Program, which draws on the multidisciplinary expertise of Tufts, and focuses on the economic, political, and social science dimensions of global nutrition challenges. Dr. Rogers is an economist whose research focuses on economic determinants of household food consumption, including price policy and food aid. Her current research assesses the effectiveness and cost-effectiveness of alternative supplementary foods for the treatment and prevention of moderate acute malnutrition in children, based on field studies in three sub-Saharan African countries. She recently completed a multi-country study in Bolivia, Honduras, and India, on how the benefits of food assistance programs can be made sustainable after the programs are closed – research that should inform the design of future development projects to ensure that interventions produce lasting change without creating dependence on external support.

David Ryckembusch is a senior programme adviser of the Safety Nets and Social Protection Unit at the U.N. World Food Programme (WFP), where he specializes in the areas of social protection, school feeding and value chains. David joined WFP after 15 years working with private sector companies in supply chain management in Europe. He holds a Masters of Engineering degree from Institut Catholique d'Arts et Métiers and Global Executive Masters of Business Administration from Vienna University and University of Minnesota. He has published in World Development and in collaboration with the International Food Policy Research Institute.

Nicola Sakhleh is currently the chief of the food for development branch at USDA's Foreign Agriculture Service. The Food for Development Branch manages the Food for Progress Program, which helps developing countries and emerging democracies modernize and strengthen their agricultural sectors. Mr. Sakhleh holds two bachelor's degrees: one in international studies and another in social/ cultural anthropology and a graduate degree in public policy in international commerce and trade.

Dr. Jolyne Sanjak is the chief program officer for Landesa with over 25 years of technical, research and managerial experience relating to inclusive global economic development, rural and urban land governance, rural livelihoods and agricultural development. Prior to joining Landesa, Dr. Sanjak founded and was executive director of the Land Alliance, a not-for-profit organization engaged in supporting land-based development around the globe. She served as a managing director and later deputy vice president for the Millennium Challenge Corporation, and also led the U.S. government in intergovernmental negotiations including the U.N. Food and Agriculture Organization's voluntary guidelines on the responsible governance of the tenure of land, fisheries and forests in the context of national food security. Earlier in her career, she served as a land consultant for the World Bank, IFPRI, the FAO and the IADB.

Janine Schooley has spent more than 30 years in leadership positions with two San-Diego-based global non-profit health and development organizations: Wellstart International from 1985-2000 and PCI since October 2000. Janine is a specialist in NGO leadership, with emphasis on program design and management of comprehensive programming, including capacity strengthening, gender equity, and behavior/social change aspects of integrated, community-based health and development programs. Currently Janine is Senior Vice President for Programs at PCI,

ensuring quality, integrated programming for maximum sustainable impact in 12 developing countries and the US/Mexico Border Region, as well as overseeing PCI's monitoring, evaluation and research function, with an emphasis on measurement of sustainable impact, social empowerment and transformative change. She obtained her MPH with an emphasis on Maternal and Child Health from San Diego State University in 1985.

Alexis Taylor serves as the USDA Under Secretary for the Farm and Foreign Agricultural Services (FFAS). FFAS is comprised of the Farm Service Agency, Risk Management Agency and Foreign Agricultural Service. Previously, as Deputy Under Secretary, Alexis oversaw the department's international activities including international trade policy and export assistance programs, and coordinated USDA's role in international food assistance. Before joining USDA, she served as the legislative advisor to Congressman Leonard Boswell of Iowa and Senator Max Baucus of Montana. During her time in Congress, Alexis worked on the 2008 Farm Bill, as well as the Senate version of the 2012 Farm Bill which was enacted into law as the 2014 Farm Bill. From 1998 to 2006, Alexis served in the U. S. Army Reserves and did one tour in Iraq with the 389th Combat Engineer Battalion. Alexis is a graduate of Iowa State University.

Joanna Upton is a post-doctoral research associate in the Department of Applied Economics and Management at Cornell University, with areas of concentration in economics of development and public policy analysis. Her research currently focuses on food security and food policy in sub-Saharan Africa. She seeks to improve our understanding of the impacts (on individuals, households, and communities) of different modalities of food assistance, while her broader research program investigates how development and humanitarian policy interact with and influence food security and food markets.

Katrin Verclas is the director for global communications and advocacy and is responsible for advancing Evidence Action's communications and brand. She also works with individual donors supporting Evidence Action. She previously was the officer for the National Democratic Institute, which works to support democratic institutions and movements worldwide. She founded and led several nonprofit organizations including MobileActive focused on mobile technology for development, and was the executive director of NTEN: The Nonprofit Technology Network. She was an inaugural 2009 TED Fellow, a 2010 fellow at the MIT Media Lab, and was named by Fast Company as one of the most "Influential Women in Tech".

Ambassador Darci Vetter serves as chief agricultural negotiator at the Office of the U.S. Trade Representative (USTR). Previously, Ms. Vetter served as USDA Under Secretary and oversaw the department's international activities, supported trade negotiations and export assistance programs and coordinated USDA's role in international food aid. Ms. Vetter also previously served as an international trade advisor on the U.S. Senate Committee on Finance, and as director of agricultural affairs at USTR. She received her MPA and a certificate in science, technology and environmental policy from Princeton and her BA from Drake University in Des Moines.

Dr. James (Jim) Verdin is the FEWS NET Agro-Climatology Activities Manager, detailed to USAID from USGS, where he coordinates contributions of USGS, NOAA, NASA, USDA and university partners. He oversees the monthly technical review of agro-climatological working assumptions for food security scenarios for the coming 6-8 months. He is also a co-founder of the Early Warning Crop Monitor, compiled monthly through a collaborative

international process. Previously, Jim led USGS support to FEWS NET for more than 20 years. He has extensive experience in geographic characterization of drought and flood hazards for food security assessment in Africa, Asia and Latin America. He also served as deputy director of the National Integrated Drought Information System, where he helped establish regional drought early warning systems in the western U.S. Jim has a BS from the University of Wisconsin-Madison and an MS from Colorado State University degrees in civil and environmental engineering as well as a PhD from the University of California, Santa Barbara in geography.

Paul Vicinanzo is chief of the transportation division in USAID's Office of Acquisition and Assistance. Previously, he headed bulk chartering activities within USAID and served as the contracting officer for the Food for Peace's Preposition Warehouses Program. Prior to joining USAID, Mr. Vicinanzo spent 17 years with commercial shipping entities including Mediterranean Shipping Company, Farrell Lines and Sea Land Services. Mr. Vicinanzo holds BS and MS degrees in transportation from the New York Maritime College. He is a captain in the U.S. Naval Reserve and holds an active U.S. Coast Guard Merchant Marine license.

Christie Vilsack is the senior advisor for international education at USAID. For 25 years, she taught secondary and college English and journalism, which led to a focus on education as Iowa's First Lady, as a candidate for Congress and now as the spokesperson for USAID Education. In her current role, Christie works with partners and education leaders worldwide to build understanding of and support for international education solutions. Ms. Vilsack is a graduate of Kirkland College and earned an MA in journalism from the University of Iowa.

Dr. Patrick Webb is the Alexander McFarlane Professor of Nutrition at the Friedman School of Nutrition Science and Policy at Tufts University. As chief of nutrition in World Food Programme, he oversaw programs in 30 countries and played a key role in organizing response to food and nutrition needs in many emergencies. This underscores Dr. Webb's globally recognized leadership in defining policies and actions relevant to food aid. Dr. Webb serves as the principal investigator for the Food Aid Quality Review and is the director of the Nutrition Innovation Lab, which generates empirical findings relevant to USAID programming in agriculture, health and nutrition.

William Warshauer brings more than 25 years of experience in international development and the private sector to his position. He launched his career as a Peace Corps volunteer in Sierra Leone and has since worked in 40 developing countries. In his latest role, Warshauer served as chief operating officer of Pact, Inc. and as president of the Pact Global Microfinance Fund – one of the world's largest microfinance institutions. Previously, he served as executive vice president for health and development solutions with Voxiva Inc., where he led the development of innovative, mobile phone-based health information systems. As a former executive vice president at Population Services International, Warshauer led initiatives such as the development of the organization's global strategic plan and oversaw a \$90 million portfolio of health programs in Africa.

Dan Webber is the chief of the procurement branch in USDA's International Procurement Division located in the Kansas City Commodity Office. His primary duties include supervising the staff that awards and administers bulk and packaged commodity contracts for USAID Title II, Food for Progress and McGovern-Dole Food for Education purchases. Dan has been with the USDA for 16 years and, during that time, has had first-hand knowledge with the procurement of bagged whole grains, pulses, corn-soy blend, and super cereal plus. For the past 11 months, he has

been part of the sponsor team for the Business Management Improvement Project.

Joan Whelan is a development specialist with more than 25 years of experience in the public, private and non-profit sectors; expertise in food security, resilience and nutrition; and skills along the research to implementation spectrum. With USAID's Office of Food for Peace since 2014, Joan has led a highly consultative process for development of the Office's new 2016-2025 Strategy for Food Assistance and Food Security. She has also been working to mainstream core ideas around systemic change, sustainability, resilience, social accountability and conflict sensitivity into project design, procurement, implementation and evaluation. Joan holds an MPA from New York University.

Daniel Whitley is the deputy administrator of USDA's Office of Global Analysis. In this capacity, he is responsible for leading FAS analysis on the global agricultural supply and demand situation. Daniel's team consists of roughly 60 analysts working in the areas of commodity analysis, international production and trade policy. His staff provides commodity analytical support to the Office of the Chief Economist and is a key member of USDA's economic intelligence system. In addition to developing supply and demand estimates for key commodities, his office routinely conducts impact analysis on trade policy issues. Daniel oversees the publishing of over 100 annual reports on commodity markets, international agricultural production, and trade policy. Daniel began his professional career with USDA in 1997 with the Economic Research Service. He started with FAS in 2001 and has worked in several capacities including senior economist, deputy-director of trade analysis, and director of civil rights.

Osei Yeboah is a professor at North Carolina Agricultural and Technical State University. Dr. Yeboah's research interests focus on international trade, agribusiness marketing; cooperative development, environmental and natural resource economics and policy; and small scale agriculture. Dr. Yeboah is a recipient of many grants awards from agencies such as USDA and USIAD. Most recently, including evaluation of alternative storage technologies for maize in Ghana; and strengthening the peanut value chain in Ghana, all USDA-FAS funded projects. Yeboah earned an undergraduate degree in agricultural science at Kwame Nkrumah University of Science and Technology (Ghana), a Master's in Production Economics and a PhD in Agricultural Economics at University of Nebraska-Lincoln.