

**GOALS OF THE LISTENING SESSION**

The U.S. Government's Global Food Security Strategy emphasizes the importance of policy in shaping opportunities for improving food security. In late 2014, the U.S. Agency for International Development Bureau for Food Security (USAID/BFS) funded a consortium of U.S. and African universities led by Rutgers University to provide information and analysis on the role of policy to accelerate and shape agricultural transformations. The Rutgers Consortium is about to begin the final year of its agreement. To date, the Rutgers Consortium has put together a number of policy studies, is finalizing others, and is beginning to synthesize this work into a final report.

On October 28th, 2019 the Rutgers Consortium, together with the Sustainable Intensification Innovation Lab (SIIL) at Kansas State University and USAID/BFS, is hosting a Listening Session to highlight the role of policy change in agricultural development and show opportunities for USAID to use policy programming to effectively meet its development goals. Specifically, the session will examine the role of policy in contemporary agricultural transformations and the methods to measure transformation, and will provide case studies of policy changes and their impact based on analyses conducted by the Rutgers Consortium. In addition, the session hopes to draw on the experience of the audience to identify: (1) other policy changes that were influenced by USAID activities and had important impacts on food and agriculture in Feed the Future countries; (2) policies that block the impact of USAID programs; (3) methods that have been used to generate the political will to change policies; and (4) ways in which the final year of the Consortium's work can be made most useful to USAID.

**AGENDA**

Time	Event	Moderator	Speakers
8.00 AM	<b>Registration &amp; Continental Breakfast</b>		
9.00 - 9:30 AM	<b>Opening Remarks &amp; Introductions</b>	Jim Oehmke <i>Senior Food and Nutrition Policy Adviser, USAID/BFS/ARP/POL</i>	Greg Collins - <i>Deputy Assistant Administrator, USAID/BFS</i>  Carl Pray - <i>Professor, Rutgers University</i>  Vara Prasad - <i>Professor and Director, Sustainable Intensification Innovation Lab, Kansas State University</i>
9:30 - 10:30 AM	<b>Contemporary Agricultural Transformation</b>	Chris Shepherd-Pratt <i>Policy and Partnership Transition Team Lead, USAID/BFS/ARP</i>	Madhur Gautam - <i>Lead Economist, Agriculture Global Practice, World Bank (Discussion Opener)</i>  From Green Revolution to Contemporary Agricultural Transformation Jock Anderson - <i>Research Associate, Rutgers University</i>  The Role of Policy Change and Policy Systems in Transformation Carl Pray - <i>Professor, Rutgers University</i>  The Relationship Between Food Systems Policy and the Journey to Self-Reliance (J2SR) Anwar Naseem - <i>Associate Professor, Rutgers University</i>

Time	Event	Moderator	Speakers
10:30 - 10:45 AM	<b>Coffee Break</b>		
10:45 - 11:45 AM	<b>Innovative Indicators to Measure Policy Change and Transformation</b>	Kristy Cook <i>Food Security Policy Advisor, USAID/BFS</i>	<p>The Policy Readiness Scale Jim Oehmke - <i>Senior Food and Nutrition Policy Adviser, USAID/BFS/ARP/POL</i></p> <p>The Household Water Insecurity Experience Scale (HWIES) Sera Young - <i>Associate Professor, Northwestern University</i></p> <p>Nutrition Transition and Agricultural Transformation Will Masters - <i>Professor, Tufts University</i></p> <p>Agricultural Trade Indicators Andrew Schmitz - <i>Professor, University of Florida</i></p>
11:45 - 12:45 PM	<b>Lunch</b>		
12:45 - 1:45 PM	<b>Case Studies of the Impact of Policy Change</b>	Kristin Franklin <i>International Program Specialist, USAID</i>	<p>Keith Fuglie - <i>Economist, USAID/USDA (Discussion Opener)</i></p> <p>Infant Cereals in Malawi Will Masters - <i>Professor, Tufts University</i></p> <p>Seeds Policy in Kenya Latha Nagarajan - <i>Economist, IFDC</i></p> <p>Policy Change and Impacts in Rwanda Charles Moss - <i>Professor, University of Florida</i></p>
1:45 - 3:00 PM	<b>Changing Policy Systems, Policies and Political Will</b>	Jock Anderson <i>Research Associate, Rutgers University</i>	<p>The Evolution of Innovative Supply Chains and Employment in Poultry and Interaction of Interest Groups with Policies and Regulations Tom Reardon - <i>Professor, Michigan State University</i></p> <p>Political Will and Climate Policy Eric Raile - <i>Associate Professor, Montana State University</i></p> <p>Gender Opportunity Leading to Policy Systems Change Lori Anne Post - <i>Professor, Northwestern University</i></p> <p>Accountability and African Union Biennial Review John Ulimwengu - <i>Senior Research Fellow, IFPRI</i></p> <p>Inclusion of Business Groups in Policy Process and Policy Change in Senegal Aliou Boly - <i>Program Director, Africa Lead</i></p>
3:00 - 3:15 PM	<b>Coffee Break</b>		
3:15 - 4:00 PM	<b>Synthesis and Wrap-Up</b>	Carl Pray <i>Professor, Rutgers University</i>	<p>Rob Bertram - <i>Chief Scientist, USAID/BFS</i></p> <p>Chris Shepherd-Pratt, <i>Policy and Partnership Transition Team Lead, USAID/BFS/ARP USAID</i></p> <p>Jerry Glover - <i>Senior Sustainable Agriculture Advisor, BFS/ARP USAID</i></p> <p>Vara Prasad - <i>Professor and Director, Sustainable Intensification Innovation Lab, Kansas State University</i></p>
4:00 PM	<b>Reception in Bloomberg Room</b>		

# BIOGRAPHIES

## **Jock R. Anderson**

Jock R. Anderson is an Emeritus Professor of Agricultural Economics, University of New England, Armidale, Australia, and a retired Strategy and Policy Adviser in the Agriculture and Rural Development Department of the World Bank. He directed the mid-80s Impact Study of the CGIAR and led the 2011 evaluation of policy work at FAO. He served as an Editor-in-Chief of the 2019 Elsevier Encyclopedia of Food Security and Sustainability.

## **Rob Bertram**

Rob Bertram is the Chief Scientist in USAID's Bureau for Food Security, where he serves as a key advisor on a range of technical and program issues. In this role, he leads USAID's efforts to advance research, technology and implementation in support of Feed the Future. He previously served as Director of the Office of Agricultural Research and Policy in the Bureau for Food Security, which leads implementation of the Feed the Future research strategy and related efforts to scale innovations in global food security efforts. Prior to that, he 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 the 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. He has been especially active in plant genetic resources policy as it relates to research for development, including applications of biotechnology in food security-related research.

## **Aliou Boly**

Aliou Boly is the Africa Lead Regional Program Director for West and Central Africa at DAI Global. He has over 25 years of experience in institutional and organizational capacity building, and human resources capacity development in the areas of non-formal education, adult education and training, health, food security, education research, and more. Dr. Boly has a Ph.D. in linguistics and phonetics and a M.S. in development management.

## **Greg Collins**

Greg Collins is the Deputy Assistant Administrator in the USAID Bureau for Food Security, which leads the U.S. Government's global hunger and food security initiative, Feed the Future. In this role, he oversees strategic direction and implementation of Feed the Future programs in the field, the initiative's agriculture, research and policy efforts, and the USAID Center for Resilience. He also serves as the Agency's Resilience Coordinator.

## **Kristy Cook**

Kristy Cook has been working for 18 months with the ARP/Policy Team in the USAID Bureau for Food Security. She has over 15 years of experience in the multidisciplinary field of food security, providing cross-sectoral integration in gender and nutrition to USAID agriculture strategies, programs and monitoring and evaluation. She worked with USAID's Africa Bureau at the inception of Feed the Future (FTF), provided support to the development of the Uganda, Tanzania, and Malawi FTF strategies, and contributed significantly to the development and implementation of the Zambia Feed the Future Strategy serving as the Zambia inter-agency FTF coordinator from 2010-2013. She worked with the USAID Office Foreign Disaster Assistance, USDA's Economic Research Service and many international organizations including the European Union and German Technical Assistance. She has a Ph.D. in Agricultural Economics from Cornell University, a Masters in Economics from the University of Dar es Salaam, and an M.A. and a B.A. from Stanford University.

## **Kristin Franklin**

Kristin Franklin is an International Program Specialist and Program Analyst in the Office of Agricultural Research and Policy in USAID's Bureau for Food Security. There she works across the Office to manage both research and development (R&D)

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and policy programming for the U.S. Government's Feed the Future Initiative. Prior to joining USAID in 2014, Ms. Franklin served as a Peace Corps Volunteer in Madagascar where she worked as an extension agent with PROSPERER and the Chamber of Commerce to support smallholder farmers and artisans in expanding their businesses and connecting with local, regional, and international markets. Ms. Franklin holds a Master of Public Administration from Columbia University's School for International and Public Affairs, and a Bachelor of Business Administration (B.B.A.) and a B.A. in International Studies from the University of Iowa. Her research interests include the role of trust within development systems and how it is applied in the African agricultural system.

### **Keith Fuglie**

Keith Fuglie is a Senior Economist with the USAID Bureau of Resilience and Food Security. Previously Mr. Fuglie was an Economist with the Structure, Technology, and Productivity Branch in the Resource and Rural Economics Division. His work focuses on the economics of agricultural technical change, science policy, and productivity growth. Keith worked with ERS more than 15 years. During 1997-98 he served as senior economist for agriculture and natural resources on the White House Council of Economic Advisers. He also spent 10 years working in Asia and Africa with the CGIAR Consortium of international agricultural research centers.

### **Madhur Gautam**

Madhur Gautam is a Lead Economist with the Agriculture Global Practice at the World Bank. He has a Ph.D. in Agricultural Economics from the University of Maryland. With experience across many parts of the World Bank over the past 25 years including Development Economics (Research), Agricultural Policies Division, Independent Evaluation Group, and Operations unit in Africa and South Asia, the main focus of his current work is on agricultural and food policy analysis and development strategy. In addition to leading major evaluations, including the review of the Highly Indebted Poor Countries (HIPC) Debt Relief Program, he has authored and contributed to numerous reports, policy notes and journal papers on a range of topics including agriculture productivity growth, research and extension, rural finance, food price volatility, risk management, social safety nets, rural poverty, structural transformation, forestry, and broadly agriculture and rural development policy.

### **Jerry Glover**

Jerry Glover is a National Geographic Society Explorer and Senior Sustainable Agricultural Systems Advisor for USAID. He earned Bachelor degrees in soil science and philosophy and then a Ph.D. in soil science at Washington State University in 2001. Prior to his work at USAID, Dr. Glover studied native grasslands and farming systems, including no-till, perennial, organic and integrated systems. He has published the results of his work in *Science*, *Nature*, *Proceedings of the National Academy of Sciences* and *Scientific American*. His work in soil science and perennial-based farming systems has been highlighted in *National Geographic*, *Nature*, and three documentary films. Most recently, *Scientific American* included Dr. Glover's work in its December 2011 special issue on the "Top Ten World Changing Ideas."

### **Billy Hall**

Billy Hall has a Ph.D. in Global and Sociocultural Studies from Florida International University, where he studied how racial struggles over urban space shape food environments and access. He also completed a postdoctoral fellowship at the University of Maryland's National Socio-Environmental Synthesis Center (SESYNC). Beyond his academic training, he has worked in local and national food policy spaces, from 2010-2015 as a member of the Miami-Dade Food Policy Council and in 2014 as a National Academies Mirzayan Science and Technology Policy Fellow with the Food and Nutrition Board. Currently, he is a AAAS Science and Technology Policy Fellow, working at USAID with the Bureau for Food Security's Policy Team as a Policy Communications Advisor.

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## **Will Masters**

Will Masters is a Professor in the Friedman School of Nutrition Science and Policy, with a secondary appointment in Tufts University's Department of Economics. His research uses economic methods to inform and improve the food system, especially in developing countries. From 2011 to 2014 he served as chair of the Friedman School's Department of Food and Nutrition Policy, and before coming to Tufts was a faculty member in Agricultural Economics at Purdue University (1991-2010), the University of Zimbabwe (1989-90), Harvard's Kennedy School of Government (2000), and Columbia University (2003-04). He is the co-author of an undergraduate textbook, *Economics of Agricultural Development: World Food Systems and Resource Use* (Routledge, 3rd ed. 2014). From 2006-2011 he edited the journal *Agricultural Economics*, and in 2010 he was named an International Fellow of the African Association of Agricultural Economists. He has served as chair for the International Section and the Food Safety and Nutrition Section of the Agricultural and Applied Economics Association (AAEA), and also received the association's Bruce Gardner Memorial Prize for Applied Policy Analysis (2013) and other awards including for Publication of Enduring Quality (2014) and Quality of Research Discovery (2019).

## **Charles Moss**

Charles (Chuck) Moss grew up on a cattle and wheat farm in Western Oklahoma. He received his B.S. in Agricultural Economics and Accounting from Oklahoma State University in 1982 and his M.S. in Agricultural Economics in 1984. He continued his studies in Agricultural Economics at Purdue University and received his Ph.D. in 1987. His research and teaching position at the University of Florida emphasizes agricultural finance and policy analysis. This research program primarily focuses on financial risk and stress in the farm sector. In addition to this focus, Dr. Moss has applied his quantitative skills to problems including water resource management, timber resources, citrus crop decisions, coffee marketing in Mexico and Rwanda, trade issues in sugar, analysis of technology adoption including precision agriculture, invasive species and agricultural productivity measures. These research activities have produced 200 research publications including six edited volumes, 27 book chapters, and 110 refereed journal articles. Dr. Moss's research has been recognized by the Agricultural and Applied Economics Association with its 2007 Quality of Research Discovery and the 2013 Quality of Communication Awards.

## **Latha Nagarajan**

Latha Nagarajan is a Senior Economist at the International Fertilizer Development Center (IFDC) based in Washington, D.C. Dr. Nagarajan's works primarily on issues related to agricultural input markets, technology adoption and impact assessment. Latha has extensive field experience studying seed systems and markets in South Asia and Africa. She is part of the Rutgers Policy Impact Consortium with a research focus on seed policy. Previously Latha worked at Rutgers and IFPRI, and earned her PhD in applied economics at the University of Minnesota.

## **Anwar Naseem**

Anwar Naseem is an Associate Research Professor in the Department of Agriculture, Food and Resource Economics at Rutgers University where he manages the Feed the Future Policy Research Consortium. The Consortium consists of universities and academics in the U.S. and Africa conducting policy research on issues related to agriculture, food and nutrition in Feed the Future countries. During Fall 2019, he is based at the University of Central Asia (Tajikistan) as an Associate Professor of Economics. The unifying theme of Dr. Naseem's research is to better understand how technology and innovations instigate changes in industry structure, economic development, and global trade, and how these changes influence the formation of government science and technology policies. He earned his Ph.D. in agricultural economics from Michigan State University, M.Sc. from the University of Pennsylvania and B.Sc. from McGill University.

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## **James F. Oehmke**

James F. Oehmke is a Senior Food Security and Nutrition Policy Adviser for USAID, working with the Feed the Future policy team. He serves as Policy lead for agricultural transformation, mutual accountability, and nutrition policy. He also coordinates assessments of USAID policy investments and their impact on agricultural transformation. Previously, James served 25 years at Michigan State University, where he remains Professor Emeritus of Agriculture, Food and Resource Economics. From May 2009 to June 2010 he was a Visiting Professor at the Yale University School of Medicine. He was Chief Executive Officer from July 2007 to September 2008 of the George Morris Centre, Canada's leading agricultural think tank. James has over 100 scholarly publications. His areas of interest include economic impacts of food, agriculture, nutrition and health programs; evidence based programming; and program evaluation. Dr. Oehmke has a B.A. in Mathematics and Economics from Yale University and a Ph.D. in Economics from the University of Chicago.

## **Lori Ann Post**

Lori Ann Post, Ph.D. is the Buehler Professor of Emergency Medicine and Medical Social Sciences at the Feinberg School of Medicine. She is the inaugural Director of the Buehler Center for Health Policy and Economics. She moved from Michigan State (Assistant Professor and Research Dean), Yale University (Associate Professor and Research Director, Research Section Chief), and now full professor and center director at Northwestern University. She did her dissertation (Applied Demography) indirectly estimating the invisible population of elderly women being abused and exploited, funded by CDC. Dr. Post is a seasoned researcher who utilizes unique mixed methods studies to address complex problems. Furthermore, she works on a line of research to mobilize Public Will to align with Political Will to reduce violence.

## **P.V. Vara Prasad**

P.V. Vara Prasad is a University Distinguished Professor of Crop Ecophysiology in the Department of Agronomy and Director of Feed the Future Innovation Lab for Collaborative Research on Sustainable Intensification at Kansas State University. He received his B.S. and M.S. degrees from Andhra Pradesh Agricultural University (India), and Ph.D. from The University of Reading (United Kingdom). His research focuses on understanding responses of food grain crops to changing environments (temperature and water) and developing best management practices for efficient use of inputs using systems approaches. He has research, education and extension activities and experience in several countries in Africa and Asia. He is internationally recognized for his research on environmental stress physiology and cropping systems. He has published >215 journal articles and book chapters. His research has been cited more than 9,800 times. He received greater than \$80 million in grants/gifts and trained more than 100 international research scholars and graduate students.

## **Carl Pray**

Carl Pray is a Distinguished Professor in the Agricultural, Food and Resource Economics Department, the School for Environmental and Biological Sciences, Rutgers, the State University of New Jersey. Pray earned his Ph.D. in Economic History from the University of Pennsylvania. The focus of his research is agricultural science and technology policy in China, South Asia, Africa and Latin America. Key issues of his research are: How does government research, science policy, intellectual property rights, regulations and advances in basic sciences influence the development of innovations and adoption of these innovations in agriculture and the food industry? What are the economic and institutional impacts of new agricultural technology on farmers and the structure of the agricultural input industries and food industry?

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## **Eric Raile**

Eric Raile is an associate professor in the Department of Political Science and the director of the Human Ecology Learning and Problem Solving Lab at Montana State University. His research focuses on political will and public will for social change, governance issues, narratives, and agricultural and environmental policy. His research has been funded by agencies that include the National Science Foundation and USAID. He is currently examining indicators of agricultural transformation. Other current projects consider the use of narratives in improving preparedness for natural hazards as well as citizen response to educational programs for noxious weeds. He worked formerly for the U.S. government on international anticorruption issues.

## **Tom Reardon**

Tom Reardon is a Professor in the College of Agricultural, Food, and Resource Economics at Michigan State. Tom's research focus is on the links between international development and agribusiness/food industry. He researches the transformation of agrifood systems (supermarkets, processing firms, wholesale and logistics, and agricultural support services) and their effects on farmer incomes, technology, and rural employment, and agrifood business strategies' implementation of innovations via design of supply chains. He has researched value chains in Africa, Asia, and Latin America covering horticulture, fish, dairy, poultry, and grains. Tom's recent and ongoing research is focused on Africa (Senegal, Nigeria, Tanzania), Asia, (Bangladesh, China, Myanmar, and Indonesia), and Latin America (Colombia). He holds masters degrees from the Université de Nice and from Columbia University. He earned his Ph.D. from the University of California at Berkeley in 1984.

## **Andrew Schmitz**

Professor Andrew Schmitz is the Ben Hill Griffin, Jr, Eminent Scholar and Professor of Food and Resource Economics, University of Florida; Research Professor, University of California, Berkeley; and Adjunct Professor, University of Saskatchewan. His areas of specialization include international trade, agricultural policy, and benefit-cost analysis.

## **Chris Shepherd-Pratt**

Chris Shepherd-Pratt has been with USAID since 2002. He currently leads the policy practice in the Bureau for Food Security and is Chair of the CAADP Development Partners Coordination Group. He brings a strong policy background to his current position, having served as a Director on the staff of the National Security Council under Presidents George W. Bush and Barack Obama, where he helped develop the Feed the Future Initiative and represented the United States to the G-8 Food Experts Group, supporting the launch of the L'Aquila Food Security Initiative and the Rome Principles for Global Food Security. His policy background is complemented by his experience as USAID's representative to the Executive Board of the World Bank Group, and the governing bodies of the United Nations Food Agencies in Rome and the Committee on World Food Security. Prior to joining the Bureau for Food Security, Mr. Shepherd-Pratt served as Senior Policy Advisor to the USAID Administrator.

## **John Ulimwengu**

John Ulimwengu is a Senior Research Fellow at the International Food Policy Research Institute (IFPRI). A native of the Democratic Republic of the Congo, Mr. Ulimwengu joined IFPRI in March 2007 as a postdoctoral fellow. Prior to joining IFPRI, John worked as a consultant with the University of Missouri on a Workforce Innovations Regional Development (WIRED) project for the Alabama-Mississippi region. He also worked as a lecturer at the University of Kinshasa (Congo, DRC) and as a national expert with the United Nations Development Program (UNDP). He earns master degrees in development economics from Williams College and in economics from Ohio State University. He received his Ph.D. in agricultural economics from Ohio State University. His research foci include poverty dynamics, economic growth, and rural development. He is involved in research and policy advisory work on sector policy and strategy issues related to the implementation of the AU/NEPAD's Comprehensive Africa Agricultural Development Program (CAADP).

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## **Dave Weatherspoon**

Dave Weatherspoon is a Professor in the College of Agricultural, Food, and Resource Economics at Michigan State. Dave focuses on conducting research and teaching Food Industry Management. Dr. Weatherspoon teaches marketing and industrial organization. He has worked on projects in over 30 countries on food supply chain and international trade and marketing issues. He has been the driving force behind creating the “The FOOD SCENE Dialogues: Supply Chain Enhancements for the New Economy.” This created a forum to discuss issues that have the potential to revolutionize or disrupt the food supply chain around the world, particularly those issues needing thoughtful debate prior to their implementation. Dr. Weatherspoon has inspired a team of young scientists to explore the inner workings of the food supply chain and to offer solutions to industry, government and academia.

## **Norbert Wilson**

Norbert Wilson is a Professor of Food Policy at the Friedman School of Nutrition Science and Policy. His research touches on a number of food issues such as access, choice, and food waste. He continues to work on food safety and quality issues in international trade and domestic food systems. Additionally, his work is moving to explore equity in food access and health. He loves good coffee and has published analysis of coffee quality and prices. Dr. Wilson has published in AEA Papers and Proceedings, World Development, American Journal of Agricultural Economics, Journal of Public Health, Food Policy, Agricultural Economics, among others.

## **Sera Young**

Sera Young is an Associate Professor in the Department of Anthropology at Northwestern University. The focus of Dr. Young's work is on the reduction of maternal and child-undernutrition in the first 1000 days, especially in low-resource settings. Methodologically, she draws on her training in medical anthropology (M.A., University of Amsterdam), international nutrition (Ph.D., Cornell) and HIV (Fellowship, University of California San Francisco) to take a biocultural approach to understanding how mothers in low-resource settings cope to preserve their health and that of their families.