



## **FSIN Technical Working Group on Measuring Food and Nutrition Security**

### **Dr. Uma Lele, TWG Chair**

*Independent Scholar & Development Economist, United States and India*

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An independent scholar and development economist with a Ph.D. from Cornell University and four decades of experience in research, operations, policy analysis, and evaluation in the World Bank, universities and international organizations. Among her notable works are *Food Grain Marketing in India: Private Performance and Public Policy* (1973), *The Design of Rural Development: Lessons from Africa* (1976), *Managing Agricultural Development in Africa* (1991), *Transitions in Development: From Aid to Capital Flows* (1991), *Intellectual Property Rights in Agriculture: The World Bank's Role in Assisting Borrower and Member Countries* (1999), and *Managing a Global Resource: Challenges of Forest Conservation and Development* (2002). She has also written papers on Agricultural Productivity Growth and Structural Transformation, and on the changing roles of forests and water in the course of economic development. As Senior Advisor in the World Bank's Operations Evaluation Department (now called the Independent Evaluation Group), she led evaluations of the World Bank's Forest Strategy (2002), the Consultative Group on International Agricultural Research (CGIAR) (2003), and the World Bank's approach to global programs (2005). She co-chaired an International Taskforce of the China Council on Environment and Development on Forests and Grasslands (2000-2002), served on the panel for the independent external evaluation of the Food and Agriculture Organization (2007), and led a team which co-authored a theme paper for the first Global Conference on Agricultural Research for Development (GCARD 1) leading to the formation of a Roadmap. She has served on numerous advisory, expert and award panels in international organizations including on the Sasakawa 2000 Program (1992-94), the World Food Prize (1987-94) and the MacArthur Foundation (1991-95). She was a Graduate Research Professor (1991-1995) and Director of International Studies (1992-93) at the University of Florida co-chaired an international taskforce on Global Research on the Environmental and Agricultural Nexus (GREAN) (1992-95), and established and directed the Global Development Initiative of the Carter Center and the Carnegie Corporation (1992-93). She was on the founding board of the CGIAR's Centre for International Policy Research (1993) and a member of the CGIAR's Technical Advisory Committee (1994-95). She is a Senior Advisor to the Global Water Partnership and Robert D. Daugherty Institute of Water for Food. She is Fellow of the American Agricultural and Applied Economic Association and of India's National Academy of Agricultural Sciences. In

2011 she established an award for Best Research on Gender in Agriculture at the International Agricultural Economic Association, and in 2013 she established the Uma Lele Mentorship Program for students from developing countries at the American Agricultural Economic Association.

### **William A. Masters, TWG Co-Chair**

*Professor in the Friedman School of Nutrition Science and Policy, Tufts University, United States*

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Professor at Tufts University, in the Friedman School of Nutrition with a secondary appointment in the Department of Economics. His research focuses on the economics of agriculture and nutrition in rural Africa. 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), and also at the University of Zimbabwe (1989-90), Harvard's Kennedy School of Government (2000) and Columbia University (2003-04). Recent journal articles include "[Agriculture, Nutrition, and Health in Global Development](#)", in *Annals of the New York Academy of Sciences*, "[Disease Control, Demographic Change and Institutional Development in Africa](#)" in *Journal of Development Economics*, "[Does Child Undernutrition Persist Despite Poverty Reduction in Developing Countries?](#)" in *Journal of Development Studies*, and "[Effects and Determinants of Mild Underweight among Preschool Children across Countries and Over Time](#)" in *Economics and Human Biology*. He is also the author of numerous book chapters such as "[Child Nutrition in Economic Development](#)" in *Nutrition in Pediatrics*, 5<sup>th</sup> ed. and "[Transformational Incentives for Innovation and Aid Effectiveness: Pull Mechanisms, Contests, and Prizes](#)" in *USAID Frontiers in Development*, as well as an undergraduate textbook co-authored with George Norton and Jeff Alwang, *Economics of Agricultural Development* (Routledge, 3rd ed. 2014). From 2006 through 2011 he edited *Agricultural Economics*, the journal of the International Association of Agricultural Economists. In 2010 he was named an International Fellow of the African Association of Agricultural Economists, and he has been awarded both the Bruce Gardner Memorial Prize for Applied Policy Analysis (2013) and the Publication of Enduring Quality Award (2014) from the Agricultural and Applied Economics Association (AAEA). Details are available online at: <http://sites.tufts.edu/willmasters>

### **Dr. Joyce Kinabo**

*Professor (Human Nutrition), Department of Food Science and Technology, Sokoine University of Agriculture, Tanzania*

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Joyce Kinabo is a Professor of Human Nutrition in the Department of Food Science and Technology at the Sokoine University of Agriculture in Morogoro, Tanzania. Joyce's undergraduate degree is a B.Sc. Agriculture with a major in Food Science and Technology from the University of Dares Salaam, Tanzania and M.Sc. in Food Science from Leeds University, UK. She obtained her PhD in Nutritional Physiology from Glasgow University in 1990. Professor Kinabo has been a lecturer at Sokoine University of Agriculture for the past 30 years. The courses which she

has been instructing include human nutrition, nutritional physiology, body composition and energy balance, nutritional epidemiology, maternal and child nutrition and food and nutrition security. Her research activities have focused mainly on energy balance studies (thermic effect of food), maternal and child nutrition, adolescent nutrition, food body interactions and nutritional status. Currently, Professor Kinabo is actively involved in community nutrition research focusing on developing nutrition interventions within communities through improving or enhancing the capacity of communities to solve their nutritional problems by identifying and formulating appropriate interventions. Currently, she is leading a team of scientists from universities in Malawi, Tanzania and Leeds in a project to develop and test Eco-Nutrition guidelines to enable communities to best respond to the challenges of food insecurity, inadequate care and inadequate environmental quality in the context of climate change. Further, Joyce envisages exploring the effect of climate change especially increasing environmental temperatures and water stress on nutrient composition and quality of food crops. Within AgriDiet, she is leading the Tanzania country review of how national policies impact upon nutrition (Work Package 2) and is also responsible for developing the national methodology plan for the field work in Tanzania (WP3). She is also part of the consortium of the study titled Improving Nutrition Outcomes through Optimized Agricultural Investments (A2NU) in three countries in Africa.

### **Dr. J.V. Meenakshi**

*Professor at the Department of Economics of Delhi School of Economics, University of Delhi, India.*

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J.V. Meenakshi is currently Professor, Delhi School of Economics, University of Delhi, India. Her research interests are wide-ranging and include agriculture-nutrition linkages, economics of micronutrient malnutrition, biofortification, impact of various interventions on child nutritional outcomes, poverty, food demand and agricultural markets; all areas in which she has published widely. She serves on various technical sub-committees of the government of India, and is also member of the Standing Panel on Impact Assessment of the CGIAR. She obtained her PhD from Cornell University in Agricultural Economics.

### **Dr. Bharat Ramaswami**

*Professor, Economics and Planning Unit, Indian Statistical Institute, New Delhi, India*

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Bharat Ramaswami, is a Professor of economics at the Indian Statistical Institute, Delhi with research interests in agricultural economics and economic development. Topics of recent articles include status considerations in female labour supply (Economic Development and Cultural Change, 2013), the impact of food labels (Environment and Development Economics, 2014) and the cash Vs in-kind transfers of food subsidy (Oxford Handbook of Food, Politics and Society, 2014). Professor Ramaswami obtained a Bachelor's and Master's degree in economics from the University of Delhi and earned a Ph.D. in agricultural and applied economics from the University of Minnesota.

## **Ms. Julia Tagwireyi**

*Currently part of a team undertaking a strategic review of Zimbabwe's response to the Zero Hunger Challenge*

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Julia Tagwireyi has over 30 years public sector experience in nutrition policy development and programming in the Caribbean and Sub-Saharan Africa. She has served on several food and nutrition related committees at the regional and international level, including serving on the UN Advisory Group for Nutrition for the Sub-Committee on Nutrition for 6 years and chairing it for another 2 years. Ms. Tagwireyi has also presented papers in key international nutrition conferences. She worked in Uganda as the Senior Nutrition Advisor to the Country Representative and Director of the UN World Food Programme in Uganda (2008-2011). She was the strategic adviser to the Food and Nutrition Council of Zimbabwe (2011-2012). She recently completed an assignment with Helen Keller International as the Regional Advocacy Adviser for food based approaches to addressing VAD (2013-2014). She holds a Master's degree in International Development from Cornell University, USA, and a Bachelor of Science degree in Nutrition and Dietetics from the University of Surrey, UK.

## **FSIN Expert Advisory Panel on Measuring Food and Nutrition Security**

### **Dr. Awudu Abdulai**

*Professor of Food Economics and Food Policy, and Head of Department of Food Economics and Consumption Studies, University of Kiel, Germany*

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Dr. Awudu Abdulai, a citizen of Ghana, is professor of Food Economics and Food Policy, and head of Department of Food Economics and Consumption Studies at the University of Kiel, Germany. Prior to joining the faculty at the University of Kiel in 2004, he taught at the Swiss Federal Institute of Technology, Zurich (ETH-Zurich) and also held visiting positions at the Departments of Economics at Yale University and Iowa State University, as well International Food Policy Research Institute, Washington, DC. He spent 2010-2011 as Cargill Visiting Professor at the Center for Food Security and the Environment at Stanford University. His research focuses on the impact of new agricultural technologies on household welfare, effects of land tenure arrangements on investment in soil and productivity-enhancing measures, as well as food security and nutrition policies in developing countries. In 2010 he was named a Distinguished Fellow of the African Association of Agricultural Economists. Awudu is currently Co-Editor-in-Chief of *Agricultural Economics (Journal of the International Association of Agricultural Economists)*. He is also an

Associate Editor of *American Journal of Agricultural Economics* and member of the Editorial Advisory Board of *Food Policy*.

**Dr. Harold H. Alderman**

*Senior Researcher, Poverty Health and Nutrition Division, International Food Policy Research Institute (IFPRI)*

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Dr. Harold H. Alderman, with both a master's degree in nutrition (Cornell) and a Ph.D. in economics (Harvard), has naturally gravitated to research on the economics of nutrition and food policy. He spent 10 years at the IFPRI prior to joining the World Bank in 1991. He re-joined IFPRI (Poverty Health and Nutrition Division) in 2012 as Senior Research Fellow. While at the World Bank, he divided his time between the Development Research Group and the Africa region where he advised on social protection policy. Dr. Alderman's current research has focused on the linkages between nutrition and early child development and the means by which nutrition and social protection programs contribute to long term economic growth. Topics of recent articles include *How Can Safety Nets Contribute to Economic Growth?* (World Bank Economic Review, 2014), *Economic Perspectives on Integrating Early Child Stimulation with Nutritional Interventions* (Annals of the New York Academy of Sciences, 2014), and *Supplemental Feeding during Pregnancy Compared to Maternal Supplementation during Lactation does not affect Schooling and Cognitive Development through Late Adolescence* (American Journal of Clinical Nutrition, 2014).

**Dr. Zulfiqar A. Bhutta**

*Robert Harding Inaugural Chair in Global Child Health at the Hospital for Sick Children, Toronto, Canada and the Founding Director of the Center of Excellence in Women and Child Health, at the Aga Khan University, Karachi, Pakistan*

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Dr. Zulfiqar A. Bhutta, is the Robert Harding Inaugural Chair in Global Child Health at the Hospital for Sick Children, Toronto and the Founding Director of the Center of Excellence in Women and Child Health, at the Aga Khan University, a unique joint appointment. He is a designated Distinguished National Professor of the Government of Pakistan and also the Chairman of the National Research Ethics Committee of the Government of Pakistan. Dr Bhutta is one of the seven members of Independent Expert Review Group (iERG) set by the UN Secretary General in September 2011 for monitoring global progress in maternal and child health MDGs. Dr Bhutta has served as a member of the Global Advisory Committee for Health Research for the World Health Organization, the Board of Child & Health and Nutrition Initiative of Global Forum for Health Research, and the steering committees of the International Zinc and Vitamin A Nutrition Consultative Groups. He is an executive committee member of the International Paediatric Association and was a founding Board member of the Global Partnership for Maternal, Newborn and Child Health (PMNCH). He is the President-elect of the International Paediatric Association, is a leading voice for integrated maternal, newborn and child health globally.

## **Dr. Calogero (Gero) Carletto**

*Manager of the Survey and Methods Unit and the Living Standards Measurement Study (LSMS) program in the Development Research Group at the World Bank*

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Dr. Calogero (Gero) Carletto is the Manager of the Survey and Methods Unit and the Living Standards Measurement Study (LSMS) program in the Development Research Group at the World Bank. As part of the LSMS activities, he is currently coordinating a large methodological research program on the improvement of productivity measurement in agriculture, as well as a new joint WB-FAO research program on poverty and food security measurements. His research interests are in the areas of poverty, food security, agriculture and rural development, as well as data collection methods and measurement issues. He has published more than 80 articles, books and book chapters. Most recent research includes publications in the Journal of Development Economics, World Development, Food Policy and the Journal of Development Studies. He has previously worked for various UN agencies and the International Food Policy Research Institute (IFPRI). He holds a Ph.D. in Agricultural and Resource Economics from the University of California at Berkeley.

## **Dr. Jennifer Coates**

*Assistant Professor of Food Policy and Applied Nutrition at the Tufts Friedman School of Nutrition Science and Policy and a Senior Researcher at the Tufts Feinsein International Center, United States*

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Dr. Jennifer Coates, is an Assistant Professor of Food Policy and Applied Nutrition at the Tufts Friedman School of Nutrition Science and Policy and a Senior Researcher at the Tufts Feinsein International Center. Dr. Coates's research focuses on the development of methods for improving the design, implementation, and evaluation of international food security and nutrition policies and programs. She is an expert in the measurement of food insecurity, having worked to: develop and validate the Household Food Insecurity Access scale and other related experience-based measures, validate household dietary diversity indices for use in emergency and non-emergency contexts; test the cross-cultural comparability of food security measures to develop a universally relevant experience-based scale; compare gendered and intra-household response patterns to individually-administered food security questionnaires, and assess the inter-relationships of food security metrics used as part of the Integrated Phase Classification (IPC) system. Her current research portfolio includes serving as the PI of the International Dietary Data Expansion (INDDEX) project, a four-year Gates Foundation-funded initiative designed to improve the collection and use of dietary and food consumption data for food and nutrition policy-making. She is a representative to the Technical Working Group on Improving the Measurement of Food Consumption in Household Consumption and Expenditure Surveys, through the United Nations Inter-Agency Working Group on Agricultural and Rural Statistics and currently sits on the Editorial Board of the Global Food Security Journal. In addition to her research and policy engagement, Dr. Coates teaches a range of graduate courses at the Friedman School.

## **Dr. Cheryl Doss**

*Senior Lecturer, Economics and African Studies, and Economics, Yale University, United States*

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Dr. Cheryl Doss is a Senior Lecturer in Economics and African Studies at Yale University, where she has taught since 1999. She has twenty years of experience in research focused on issues facing rural households in developing countries, especially Africa. She has published extensively in leading journals in agricultural economics and development economics, including American Journal of Agricultural Economics, Economic Development and Cultural Change, World Development, World Bank Research Observer, Journal of Development Studies, and Agricultural Economics. She has designed surveys and tested different methods of collecting data for gender analysis, particularly around issues of women's ownership and control of land and other assets. She co-directs the Gender Asset Gap Project which has pioneered the collection of gender-disaggregated data on asset ownership in Ecuador, Ghana and Karnataka, India. She currently leads the strategic gender portfolio of the CGIAR's Program on Policies, Institutions and Markets (PIM). She has consulted extensively on gender issues with organizations including the World Bank, FAO, UNDP, UNStatistics, UN Women, and DFiD. She holds an MA in International Relations from Yale and earned her Ph.D. in Applied Economics from the University of Minnesota in 1996.

## **Dr. Jessica Fanzo**

*Assistant Professor of Nutrition, Institute of Human Nutrition and Department of Pediatrics and Senior Advisor of Nutrition Policy, Center on Globalization and Sustainable Development, Columbia University, New York, United States*

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Jessica Fanzo, is an Assistant Professor of Nutrition in the Institute of Human Nutrition and Department of Pediatrics at Columbia University in New York. She also serves as the Senior Advisor of Nutrition Policy at the Center on Globalization and Sustainable Development. Before joining Columbia University, Jessica was the Evaluation and Monitoring Officer for the REACH Interagency partnership at the United Nations World Food Programme. From 2010-11, Jessica was a Senior Scientist at Bioversity International, one of the Centers of the Consultative Group on International Agricultural Research (CGIAR), in Rome Italy, where she led their Nutrition and Biodiversity program. From 2007-2010, she served as the Nutrition Director at the Center for Global Health and Economic Development at the Earth Institute, and the Nutrition Regional Advisor for East and Southern Africa at the Millennium Development Goal Centre at the World Agroforestry Centre based in Kenya. Prior to joining the Earth Institute, she was a Program Officer for the Medical Research Program at the Doris Duke Charitable Foundation focusing on global health initiatives, in particular health systems research and HIV/AIDS programming. Jessica became the first laureate in 2012 of the Daniel Carasso Premio for her work on sustainable food and diets for long-term human health. Jessica has a PhD in Nutrition from the University of Arizona and completed a Stephen I. Morse postdoctoral fellowship in Immunology at Columbia University. Her current

research focuses on the interactions between food security, agriculture, nutrition and nutrition, and their implications for improving maternal and child health in low-income countries.

### **Dr. Lawrence Haddad**

*Senior Research Fellow, Poverty Health and Nutrition Division, International Food Policy Research Institute (IFPRI)*

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Dr. Lawrence Haddad is a Senior Research Fellow in the International Food Policy Research Institute's Poverty Health and Nutrition Division. He was the Director of the Institute of Development Studies, Sussex, from 2004 to 2014. Prior to that he was a Division Director at IFPRI and a Lecturer in Development Economics at the University of Warwick. He is an economist and his main research interests are at the intersection of poverty, food insecurity, and malnutrition and he has an extensive record of publications. He has served as the UK's representative to the High Level Panel of Experts to the UN's Committee for World Food Security (2010-date), a Lead Expert on the UK Government Office of Science Foresight Report on the Future of Food and Farming (2009-2011), a member of Irish Aid's Hunger Task Force (2008-2009), Member of GAIN's Partnership Council, 2011-2014, on the Advisory Group on Nutrition to the UN's Standing Committee on Nutrition (1997-1998), and has been an adviser on nutrition to DFID, the EC, Irish Aid, the World Bank, the Children's Investment Fund Foundation and the Bill and Melinda Gates Foundation. He is currently co-chair of the Independent Expert Group for the Global Nutrition Report.

### **Dr. Sheryl Hendriks**

*Professor in Food Security, the Co-Director of DST/NRF CoE in Food Security and Founding Director of the Institute for Food Nutrition and Wellbeing (IFNuW) at the University of Pretoria, South Africa*

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Prof Sheryl Hendriks is a Professor in Food Security, the Co-(Node) Director: DST/NRF CoE in Food Security and founding Director of the Institute for Food Nutrition and Wellbeing (IFNuW) at the University of Pretoria. She has served on the founding and second United Nations Committee for World Security (CFS) High Level Panel of Experts on Food Security and Nutrition (HLPE) – a panel that advises the global platform on food security and nutrition policy and governance. She led the African Union and NEPAD's Comprehensive African Agricultural Development Programme's (CAADP) Food Security initiatives between 2006 and 2010 and the review of national investment plans in 2010 and 2011. Her research focuses on household food security, measurement and monitoring of food security and food security policy. Prof Hendriks is project lead for multiple local and national and lead collaborator on international food security research projects. She has graduated students from 18 African countries, contributing significantly to developing the food security capacity in the continent and South Africa. She holds a PhD in Agricultural Economics from the University of Natal. Prof Hendriks is the immediate Past President of the (Agricultural Economics Association of South Africa (AEASA) and was the female President of the Association.



## **Dr. Nanak Kakwani**

*Professor at the University of New South Wales, Sydney, Australia*

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Dr. Nanak Kakwani, is currently visiting IPEA working on social policies in BRICS countries. He has been a scholar at the Philippines Institute of Development Studies, Manila. He was the Principal Researcher for one year (January 2005 to November 2006) and Director/Chief Economist for two years (January 2003 to January 2006) at the UNDP's International Poverty Centre in Brasilia Brazil. Before joining IPC, he had been Professor for 30 years at the University of New South Wales in Sydney, Australia. His research areas include poverty, inequality, pro-poor growth, taxation, public policies, human development (MDG), etc. He has published more than 100 articles in international journals and 4 books, one by Cambridge University Press, one by Oxford University Press and two jointly edited books (with Jacques Silber) by Palgrave Macmillan. He was elected as fellow of Australian Research Committee of Social Science. He was also awarded Mahalanobis gold medal for outstanding contribution in quantitative economics. He is on the advisory board of the Journal of Economic Inequality. He has been visiting professor at many universities and consultant to the World Bank, UNDP and the Asian Development Bank.

## **Dr. Elizabeth Kimani-Murage**

*Welcome Trust Research Fellow and Associate Research Scientist at the African Population and Health Research Centre (APHRC) based in Nairobi, Kenya*

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Dr. Elizabeth Kimani-Murage is an Associate Research Scientist at the African Population and Health Research Center (APHRC) and a Wellcome Trust Research Fellow. She is a Public Health Specialist, with a special focus on Public Health Nutrition, and leads the Maternal, Newborn and Child Health (MNCH) Theme under the Health Program at APHRC. She holds a PhD in Public Health focusing on the double burden of malnutrition in rural South Africa. She has extensive work experience among vulnerable populations, particularly among urban poor populations in Kenya. She has published widely on public health issues in sub-Saharan Africa, particularly nutrition issues. Her research interests include maternal and child health issues, particularly maternal, infant and young child nutrition. She is currently conducting studies in urban slums and rural settings in Kenya, aimed at testing effectiveness of interventions aimed at improving maternal and child nutrition. She is a member of several local and international technical/professional groups, and has recently contributed to the Global Nutrition Report, 2014, as a member of the Independent Expert Group for the report.

## **Dr. Reynaldo Martorell**

*Robert W. Woodruff Professor of International Nutrition at the Rollins School of Public Health of Emory University, Atlanta, GA (USA)*

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Dr. Reynaldo Martorell, is the Robert W. Woodruff Professor of International Nutrition at the Rollins School of Public Health of Emory University, Atlanta, GA (USA). He was chair of the Department of Global Health from 1977-2009. He obtained a PhD in biological anthropology from the University of Washington, Seattle, in 1973. His research interests include maternal and child nutrition, child growth and development, micronutrient malnutrition, and the emergence of obesity and chronic diseases in developing countries. Previously, he was a scientist at the Institute of Nutrition of Central America and Panama (INCAP; 1972-77), Associate Professor and then Professor of Nutrition, Food Research Institute, Stanford University (1977-91) and Leading Professor, Division of Nutritional Sciences, Cornell University (1991-93). He serves on the Board of Directors, Nevin Scrimshaw International Nutrition Foundation; the Executive Management Team, Food Fortification Initiative; and the Board of Trustees, Helen Keller International, among other appointments. His awards include election to the Institute of Medicine of the USA National Academy of Sciences, the Kellogg's International Nutrition Prize from the American Society for Nutrition, the Gopalan Oration and Gold Medal Award from the Nutrition Society of India and the Carlos Slim Award for Lifetime Achievements in Research on Health.

### **Dr. Eunice Nago Koukoubou**

*Lecturer and Researcher, Department of Nutrition and Food Science at the Faculty of Agricultural Sciences, University of Abomey-Calavi, Benin*

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Dr. Eunice Nago Koukoubou is a lecturer and researcher in the Department of Nutrition and Food Science at the Faculty of Agricultural Sciences, University of Abomey-Calavi, Benin. With a background as Agricultural engineer, she has a PhD in Applied Biological Sciences (subject: human nutrition), obtained at Ghent University in Belgium. Her research interest relates to the nutrition transition, especially out-of-home eating, prevention and management of diet-related chronic diseases. She is also interested in building capacity and networks among African nutrition researchers, for improved generation, capitalisation and sharing of scientific evidence and its use in the definition of nutrition and health policies. She has worked as local Nutrition Consultant for UNICEF and CARE International. She has been involved in the EU-funded project SUNRAY (Sustainable Nutrition Research for Africa in the Years to come, 2011-2012) and in the case study of Senegal within UNSCN country policy analysis on the Nutrition impact of agriculture and food systems. She is member of the International Expert Group (IEG) for the Global Nutrition Report, which first edition was launched at the Second International Conference of Nutrition (ICN2) in November 2014 in Rome, Italy.

### **Dr. Ricardo Uauy**

*Professor, Public Health Nutrition, London School of Hygiene and Tropical Medicine, University of London, United Kingdom*

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Dr. Ricardo Uauy received his Medical Doctor from University of Chile (1972) and Ph.D. in Nutritional Biochemistry from MIT (1977) and trained in Pediatrics at Children's Hospital of Boston (Harvard University) and Neonatology at Yale-New Haven Hospital (Yale University). He is Board Certified in Pediatrics and Neonatal-Perinatal Medicine (USA). Since 1977 he was the part of the faculty of the Institute of Nutrition and Food Technology, University of Chile (INTA), first as Associate Professor and in 1981 as Professor of the University of Chile, between 1994-2002 he was Director of the Institute. In 2002 he was elected Fellow of the Academy of Medicine of Chile. In July of the same year he was appointed Professor of Nutrition and Public Health, London School of Hygiene and Tropical Medicine, London University. Dr. Uauy was elected President of the International Union of Nutrition Sciences (IUNS) for the period 2005-2009. He Has participated as expert in multiple WHO/FAO expert committees (Protein Energy 1981, Fats and Oils 1993, FBDGs 1995, Vitamin and Minerals 1998, Nutrition in the Elderly 1998, Human Energy needs 2001, chair WHO/FAO Nutrition Diet and Chronic Disease 2002, and Global Strategy WHO 2003; WHO/FAO Scientific Update on CHO 2006 and on Trans Fats 2007, chair FAO/WHO Expert Consultation on Fats and Fatty Acids in Human Nutrition in 2008-2010. In 2000 he received the McCollum award from the American Society for Nutritional Sciences (USA) and in 2003 the Lawton Chiles International Lecturer award given by the National Institutes of Health NIH USA [(FIC / NICHHD)]. He also received the Spanish Nutrition Society Award in 2004 and the PAHO/WHO Abraham Horwitz Award for Leadership in Inter-American Health in 2005. In 2006 Dr. Uauy received the Kellogg's International Nutrition Award from the ASN and in 2008 the Rank Lecture Award and the British Nutrition Foundation Prize from the UK Nutrition Society. He also received the George Graham Lecture Award from the John Hopkins School of Public Health in 2010, the National Applied Science Award from the Government of Chile in 2012 and "Doctor Honoris Causa" by the University of Granada in 2014. Dr. Uauy has written over 350 scientific journal publications and edited 10 books.

## **Laura Birx**

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Laura Birx is a Program Officer for Agriculture-Nutrition at the Bill & Melinda Gates Foundation. She works with both the Agriculture and Nutrition teams and is part of the foundation's new food systems initiative team. Her current work focuses on improving the evidence base for agriculture-nutrition, strengthening shared metrics for food systems, and amplifying the impact of the foundation's work on nutrition within agriculture. Prior to joining the foundation, she worked for the U.S. Agency for International Development for seven years, first in DC and later in Dar es Salaam, Tanzania. As a Senior Nutrition Advisor, she was responsible for guiding nutrition investments in Feed the Future and the Global Health Initiative. Laura holds a Masters of Public Health from George Washington University.