

Conference Program

Agricultural Extension and Food Security in Africa

**Organized by the Center for African Studies and partners
The Ohio State University**

October 20 – 21st, 2014

Nationwide & Ohio 4-H Center (Day 1)
2201 Fred Taylor Drive
Columbus, Ohio 43210

Fisher College of Business (Day 2)
Mason Hall Rotunda

Sunday, October 19th

Visiting participants' arrival and check in, Varsity Inn South Hotel



Monday, October 20th

7:15– 8:00 a.m. Shuttle bus from Varsity Inn South to
conference center: Every 15 minutes

8:00 – 8:30 a.m. **Continental Breakfast**

Nationwide & Ohio Farm Bureau 4H Center

8:30 – 9:45 am

Welcome and Opening Remarks

Bob Evans A Auditorium [Room 145]

- Laura Joseph, Assistant Director, Center for African Studies
- Dr. Robert Agunga, Director, Center for African Studies
- Dr. Mark Erbaugh, Director, International Programs in Agriculture
- Dr. Bruce McPheron, Vice President & Dean, College of Food, Agricultural & Environmental Sciences
- Dr. Kelechi Kalu, Professor of African and American Studies;
Associate Provost for Global Strategies and International Affairs

9:45 – 10:40 a.m. **Keynote Speech**

“The African Development Bank, Agricultural Extension and Food Security in Africa”

Dr. Attiogbevi-Somado, Principal Economist, Agriculture & Agro-Industry Department, African Development Bank.

10:40 – 11:00 am Coffee Break

Concurrent Panel Sessions 11:00 - 12:30 pm

Session A: Information, Extension and Food Security

International Room (110)

F. Masambuka-Kanchewa & Dr. M. Tucker, Purdue University. “Information Perceptions and Behaviors of Smallholder Farmers in the Central Region of Malawi”

G. Shausi, & Dr. R. Agunga, Ohio State University. “Implementing the Pluralistic and Demand-Driven Extension Approach in Tanzania: Implications for Communication”

Dr. F. Kebede, University of Gondar & Mr. G. Tsehay, Regional Extension Director, Amhara Region, Ethiopia. “An Outlook on a Six Decades Journey of Agricultural Extension Services in Ethiopia”

Facilitator: Dr. Kirby Barrick, University of Florida

Session B: Communication, Extension and Integrated Rural Development Eastman Room
(100)

Dr. R. Agunga, Ohio State University. “Agricultural Extension from a System’s Perspective: Implications for the Training of Extension Workers and the Organization of Extension Systems in Africa”

The ExtensionAfrica Group: Igodan, C.O; Agunga, R.; Msuya, C.P; Annor-Frempong, F; Mangheni, M; C; Ladele, A. A; Hulela, K; Tselaesele, M.N; Msatilomo, H; Chowa, C; Zwane, E; Miiro, R; Bukenya, C; Kima, L.; Meliko, M.; Ndiaye M. “The Role of Agricultural Extension in Africa’s Development, the Importance of Extension Workers and the Need for Change”

Facilitator: Amy Elhadi, Ohio State University Extension

12:30 – 1:00 p.m. Lunch

Bob Evans Auditorium

Concurrent Panel Sessions 01:00 – 2:30 p.m.

Session C: Gender, Women, & Food Security Eastman Rm 100

Dr. M. Kanyi, Chuka University of Kenya & Dr. D. E. Lawver, Texas Tech University. “Smallholder Farmers’ Perceptions of University Contribution to Subsistence Farming: A Gender Study”

Dr. M. J. Koyenikan & Dr. S. O. Konkwo, Department of Agricultural Economics and Extension, University of Benin, Nigeria. “Adoption of Nutrition and Environment-Related Technologies by Women Under Phases of Root and Tuber Expansion Program (RTEP) in South-Eastern Nigeria”

Dr. A. Kante, M. Akeredolu, Dr. M. C. Edwards; D. Naibakelao & Dr. M. Kone., Sasakawa Africa Fund for Extension Education, Mali. “A Needs Assessment to Develop Training Programs for Mid-Career, Agricultural Extension Educators in Mali and Nigeria: What Curricula Should be Taught?”

Facilitator: Dr. Paul McNamara, MEAS, University of Illinois.

Session D: Extension Theory and Policy International Room 110

Dr. M. Baker & D. Lawver, Texas Tech University & M. Basse, Winrock International Abuja, Nigeria. “Developing a New Cadre of Community-based Agricultural Extension Workers through the Middle-level Tertiary Education System in Nigeria: A Case Study of Prototypical Entrepreneurship Education Program at Federal Polytechnic, Ado Ekiti, Ekiti State, Nigeria”

Dr. R. K. Barrick, University of Florida; Dr. J. A. Kwarteng, University of Cape Coast & Q. Noordin, Alliance for a Green Revolution in Africa. **“Developing Extension Pre-service Programs for Sub-Saharan Countries: A Model”**

Facilitator: Dr. Chris Igodan, Ohio State University Extension

2:30 – 5:00 p.m. *Tour of Ohio State University Campus with CFAES Ambassadors*

5:30 – 9:00 p.m. **Dinner, Keynote Presentation & Entertainment**
Bob Evans Auditorium

Introduction: Dr. Gary Straquadine, Chair, Department of
Agricultural Communication, Education and Leadership, OSU

Keynote address: **“100 Years of U. S. Extension Success: Lessons for African Countries”** Dr. Keith Smith, Associate Vice President, CFAES & Director, OSU Extension

Entertainment : *African Youth League Zuvaa Dancers*
Ethiopian & Eritrean Student Association Dancers

8:00 – 09:00 p.m. *Shuttle bus return to hotel*



Tuesday, October 21st

7:15 – 8:00 a.m. Shuttle bus from hotel every 15 minutes

07:30 – 8:30 a.m. Breakfast at Mason Hall Rotunda,
Fisher College of Business

09:00 – 9:30 a.m. **Conference overview, Day One highlights**
Dr. Robert Agung and Laura Joseph,
Center for African Studies

9:30 - 10:30 **Keynote Address**

Introduction: Dr. Mark Erbaugh: Office of International Programs in Agriculture

“Challenges Facing Agricultural Extension in Africa and the Way Forward” Dr. Margaret Mangheni, African Forum for Agricultural Advisory Services (AFAAS)

10:45 – 11:00 a.m. *Coffee Break*

11:00 – 12:30 p.m. Concurrent Panel Sessions

Session E: Innovative Extension Approaches I Mason Hall

Dr. M. J. Koyenikam & Dr. F. E. Omoregbee, Department of Agricultural Economics & Extension, Services, University of Benin, Nigeria. “Practitioners’ Perception of Linkage Effectiveness and Challenges to Nigerian Research-Extension-Farmer-Input System”

Dr. M. N. Mangheni, N. Mubangizi & P. Rwamigisa, Makerere University, Uganda. “Prerequisites for Effective Decentralized Public-Private Contract Demand Driven Agricultural Extension: Lessons from Uganda’s National Agricultural Advisory Services”

Dr. A. A. Ladele, University of Ibadan, & A. P. Akinyemi, Idi Ibadan, Oyo State, Nigeria. “Challenges of Extension Agents in Agricultural Transformation: How the Commodity Alliance Model can Help”

Facilitator: Dr. Scott Scheer, Ohio State University

Session F: Innovative Extension Approaches II

Hitchcock Hall 410

Dr. T. Gill, PennState; Dr. K. Jones, PennState; & Dr. T. Hammett, Virginia Tech. “The Role of InnovATE in Complementing Agricultural Extension Capacity Building Efforts for Food Security in Sub-Saharan Africa”.

Dr. S. Franzel, World Agroforestry Center (ICRAF); Dr. B. Simpson, Michigan State University; Dr. A. Degrande (ICRAF) & G. Kundhlande (ICRAF). “Farmer to Farmer Extension Approaches for Improving Rural Advisory Services: Lessons from Extension Providers and Lead Farmers”

Facilitator: Dr. Susie Whittington, Ohio State University.

12:30 – 1:00 Box Lunch
Mason Hall Rotunda

01: 00 – 2:30 p. m. Concurrent Panel Sessions

Section G: Climate Change and Food Security Mason Hall

Dr. G. D. Miller, University of California at Davis. “It Takes a Community to Grow a Healthy Vegetable: Share Interest Savings Groups”

Dr. R. Dick, Ohio State University; Dr. M. Diack, University of Gaston Berger; B. Bergefurd, Ohio State University; & A. Davey, Ohio State University. “Hands-on Agronomy Extension Education Nurtures Senegalese Farming Future”

Dr. J. R. Okoth, Dr. B. Poliya, A. Jha & A. Tossou. Agro Pastoral Field Schools (APES) will Build Climate Resilient Livelihood for Smallholder Farmers in Uganda—A Case Study Perspective.

Facilitator: Dr. Margaret Mangheni, Makerere University

Section H: Modernizing Extension and Advisory Services (MEAS) and Capacity Building
Hitchcock 410

Dr. P. E. McNamara, University of Illinois at Urbana-Champaign. “Leading Issues in African Agricultural Extension Systems performance and Strengthening: Notes from MEAS Country Assessments of Extension Systems”

Dr. A. Moore, University of Florida. “Challenges and Opportunities for Improving the Delivery of Agricultural Extension Services to Small-Scale Farmers in Post-conflict Liberia”

Facilitator: Dr. Margaret Koyenikan, University of Benin

02:30 – 3:00 p.m. Coffee Break Mason Hall Rotunda

03:00– 4:00 p. m. Closing Ceremony Mason Hall

“Extension Africa” Dr. Ademola Ladele, University of Ibadan

Appreciation Dr. Matt Baker, Texas Tech University

**Introduction of Dr. Moser: Dr. Ken Martin, Chair & Associate
Director, OSU Extension**

“Reflections: Cardinal Principles of Extension”

Dr. Bobby Moser, Faculty Emeritus and former Dean and Vice President for Agriculture, College of Food, Agricultural & Environmental Sciences

Awards & Presentations

Dr. Robert Agunga & Laura Joseph

Closing Remarks

Dr. Kelechi Kalu, Associate Provost for Global Strategies and International Affairs



Wed. Oct. 22, 2014

Ohio Farm Tours: Depart approximately 11:00 am, return around 5:00 pm

We wish to thank the following for making this event possible:

Conference Sponsors:

- * The Center for African Studies, OSU
- * The Department of Agricultural Education, Communication and Leadership, OSU
- * International Programs in Agriculture, The Ohio State University
- * Ohio State University Extension, OSU
- * The Mershon Center for International Security Studies, OSU
- * Undergraduate International Studies Program, OSU
- * The Office of Diversity and Inclusion, OSU
- * The Center for International Business, Education and Research (CIBER), Office of Global Business, Fisher College of Business, OSU

Abstract reviewers:

- Professor Usman Adamu, University of Arkansas at Pine Bluff, Cooperative Extension Program
 - Prof. R. Kirby Barrick, Professor and Extension Specialist, Agricultural Education & Communication, University of Florida
 - Associate Prof. Ondieki Gekara, Department of Agriculture (Animal), University of Arkansas at Pine Bluff
 - Prof. Ademola A. Ladele, Department of Agricultural Extension & Rural Development, University of Ibadan, Ibadan, Nigeria.
 - Prof. Oladele, O. Idowu, Department of Agricultural Economics and Extension, NW University Mafikeng Campus, S. Africa.
 - Prof. Chris Igodan, Leader, Organization Development, Extension Human Resources, College of Food, Agricultural & Environmental Sciences (CFAES), Ohio State University
 - Associate Prof. Margaret Mangheni, Department of Extension and Innovation Studies, College of Agriculture and Environmental Sciences, Makerere University,
 - Prof. Gary Straquadine with Ms. Lindsay Breuler, Graduate Student, Chair, Department of Agricultural Communication, Education and Leadership, CFAES, Ohio State University
 - Prof. Jerold Thomas, Department of Agricultural Communication, Education and Leadership, CFAES, Ohio State University
- Prof. Raphael M. Wambura, Agricultural Extension and Rural Development, Sokoine University of Agriculture, Institute of Continuing Education, Morogoro, Tanzania.

Volunteers and Staff:

- Lindsay Breuler, MS, Agricultural Education & Extension
- Suzanna Windon, Ph. D., Agricultural Education & Extension
- Sharmin Faraj, Ph. D., Agricultural Education & Extension
- Leah Moody, MS, Public Health
Cade Weston, ACEL
- Laura Joseph, Center for African Studies
- William Lee, Center for African Studies
- CFAES Ambassadors
- African Youth League

- Ethiopian & Eritrean Student Association

Keynote Speakers' biographic profiles

Dr. Eklou Attiogbevi-Somado is Principal Agronomist in the Agriculture and Agro-Industry Department of the African Development Bank Group based in the Ivory Coast. He is Task Team Leader (TTL) in the design and implementation of Bank-funded agriculture-based programs and projects in Africa. He has about 25 years of multidisciplinary experience in international agricultural research for development, with a focus on plant genetic and natural resources management for enhanced agricultural productivity. He has worked with the Consultative Group on International Agricultural Research (CGIAR) supported Africa Rice Centre (AfricaRice), rising to the position of senior Agronomist and Project Leader. Among other tasks, he has coordinated Africa-wide multi-country projects, backstopped national research and extension programs (NARES), and supervised under and graduate students. His doctorate degree in agricultural sciences and M.Sc. in agronomy are from the Georg August Goettingen University, Germany and his postgraduate diploma in '*Ingénieur Agronome*' (*Crop Production*) is from his home country, University of Togo.

Dr. Margaret Najjingo Mangheni is Associate Professor in the Department of Extension and Innovation Studies, College of Agricultural and Environmental Sciences, Makerere University, in Kampala, Uganda where she has been teaching since 1990. She has held many leadership positions at the university include, head of the Extension and Innovation Studies; Deputy Dean for Research and Postgraduate Training, Faculty of Agriculture, Makerere University and Coordinator, Office for Continuing Agricultural Education Centre. In the greater community, she has served with the National Advisory Committee of the African Women Leaders in Agriculture and Environment program of Winrock International, as well as holding leadership positions in organizations, such as the Uganda Forum for Agricultural Advisory Services; Association of Uganda Professional Women in Agriculture and Environment; Uganda National Association of Agricultural Extension and Education; and Forum for African women Educationalists of Uganda. In the field, she has consulted on a variety of projects, including evaluation of sustainable organic farming techniques for Kyera Farm Training Centre; and for an Agricultural Innovations Project implemented by CARE International. Her extensive research publications include numerous refereed journal articles, book Chapters, edited books; and working papers and manuals. She has also advised many doctoral and Master's degree students to graduation. Dr. Mangheni's has a BSc. Degree in Agriculture from Makerere University, Uganda, a Master's in Agricultural Education from The Ohio State University in 1990; and Ph. D Agricultural Extension Education, the University of Minnesota in 1995.

Dr. Keith L. Smith is Associate Vice President, Agricultural Administration; Associate Dean, College of Food, Agricultural, and Environmental Sciences; Director, Ohio State University Extension; and Gist Chair in Extension Education and Leadership. As director of OSU Extension, Dr. Smith manages over a \$68 million budget and nearly 800 faculty and support staff, who serve more than 11 million Ohioans. A native of Utah, Dr. Smith received his bachelor's and master's degrees in Agricultural Education from Utah State University and his Ph.D in Agricultural Education from Iowa State University before coming to OSU in 1980. Dr. Smith is a professor in the Department of Agricultural Communication, Education, and Leadership (ACELE) at OSU. He received the National Distinguished Service Ruby Award, Epsilon Sigma Phi from the Cooperative Extension Professionals' Organization.