

## Milu C. MUYANGA, PhD

MwAPATA Insitute  
Chilanga Drive  
Area 10, Plot 10/446  
P.O. Box 30883 Capital City  
Lilongwe, Malawi  
Telephone: +26599722085  
E-mail: [m.muyanga@mwapata.mw](mailto:m.muyanga@mwapata.mw)

Department of Agricultural, Food and Resource  
Economics, Justin S. Morrill Hall of Agriculture  
Michigan State University  
East Lansing, MI 48824  
Phone: +15175993445  
Email: [muyangam@msu.edu](mailto:muyangam@msu.edu)

### RESEARCH INTERESTS

International Development Economics with a focus on emerging agricultural land constraints; sustainable agricultural intensification; agricultural diversification and commercialization; youth and young adults' livelihoods; and households' welfare.

### EDUCATION

**Ph.D.** Agricultural Economics, Michigan State University, East Lansing, May 2013

**M.A.** Economics, University of Nairobi, Nairobi, Kenya, December 1998

**B.A.** Economics, University of Nairobi, Nairobi, Kenya, December 1995

### EXPERIENCE

**Assistant Professor, International Development** (Fixed Term), International Development, Department of Agricultural, Food and Resource Economics, Michigan State University, June 2013 – present [On a three-year assignment to Malawi from March 2019 serving as **Research Director**, MwAPATA Institute]

**Graduate Research Assistant**, Food Security Group, Department of Agricultural, Food and Resource Economics, Michigan State University, January 2008 – May 2013

**Research Fellow**, Tegemeo Institute of Agricultural Policy and Development, Egerton University, Kenya, January 2004 – December 2008

**Senior Economist**, Ministry of Planning and National Development, Government of Kenya, January 2002 – December 2003

**Economist**, Ministry of Planning and National Development, Government of Kenya, February 1997 – December 2001

**Research Associate**, Institute of Policy Analysis and Research (IPAR), Nairobi, Kenya, August 1998 – December 2003

### AWARDS AND FELLOWSHIPS

1. **Most read paper in 2018-2019 period** (with Thomas S. Jayne), by Wiley Publishing Company. Paper: "Revisiting the Farm Size-Productivity Relationship Based on a Relatively Wide Range of Farm Sizes: Evidence from Kenya" published by the *American Journal of Agricultural Economics*, 101(4), 1140–1163
2. **Outstanding Publication** in 2014 (with Musyoka Philip) by the Journal of Poverty Alleviation and International Development. Paper: "Household Incomes and Poverty Dynamics in Rural Kenya: A Panel Data Analysis", published by the *Journal of Poverty Alleviation and International Development*, vol. 5 (2)

3. **First prize winner**, 2007 Global Development Awards and Medals Competition on Household Exposure to Risk: Effects on Poverty theme
4. **Visiting Fellow**, Department of Economics, University of Paris XI (Paris) and CIRAD (Montpellier), France. November 2006- January 2007
5. **Visiting Fellow**, Department of Economics, Laval University, Quebec, Canada. March 2006
6. **Visiting Fellow**, Institute of Policy Analysis and Research, Nairobi, Kenya. July- December 2002
7. **Visiting Fellow**, International Water and Sanitation Centre, Delft, The Netherlands. November 2000

## JOURNAL ARTICLES

1. Jayne, T.S., **M. Muyanga**, A. Wineman, H. Ghebru, C. Stevens, M. Stickler, A. Chapoto, W., D. van der Westhuizen, D. Nyange. 2019. Are medium-scale farms driving agricultural transformation in sub-Saharan Africa? *Agricultural Economics*, November 1, 2019.
2. **Muyanga, M.**, Jayne, T. S. 2019. Revisiting the farm size-productivity relationship based on a relatively wide range of farm sizes: Evidence from Kenya. *American Journal of Agricultural Economics*, 101(4), 1140–1163.
3. Willy, K.D., **Muyanga, M.**, Jayne, T. S. 2019. Can economic and environmental benefits associated with agricultural intensification be sustained at high population densities? A farm level empirical analysis. *Land Use Policy* (81): 100-110.
4. Willy, D. K., **Muyanga, M.**, Mbuvi, J., Jayne, T.S. 2019. The Effect of Land Use Change on Soil Fertility Parameters in Densely Populated Areas of Kenya. *Geoderma* 343(2019): 254-262.
5. Sitko, N.J., J. Chamberlin, B. Cunguara, **M. Muyanga**, J. Mangisoni. 2017. A comparative political economic analysis of maize sector policies in eastern and southern Africa, *Food Policy*, 69: 243–255.
6. Jayne, T.S., Chamberlin, J., Traub, L., Sitko, N., **Muyanga, M.**, Yeboah, F. K., Anseeuw, W., Chapoto, A., Wineman, A., Nkonde, C., Kachule, R. 2016, Africa's changing farm size distribution patterns: the rise of medium-scale farms. *Agricultural Economics*, 47: 197–214.
7. **Muyanga, M.**, T.S. Jayne. 2014. Effects of Rising Rural Population Density on Smallholder Agriculture in Kenya. *Food Policy*, Vol. 48: 98-113.
8. Jayne, T.S., A. Chapoto, N. Sitko, C. Nkonde, **M. Muyanga**, J. Chamberlin. 2014. Is the Scramble for Land in Africa Foreclosing a Smallholder Agricultural Expansion Strategy? *Journal of International Affairs*, Spring/Summer 2014, Vol. 67, No. 2.
9. **Muyanga, Milu**, Philip Musyoka. 2014. Household Incomes and Poverty Dynamics in Rural Kenya: A Panel Data Analysis, *Journal of Poverty Alleviation and International Development (JPAID)*, 5(2):43-76.
10. **Muyanga, M.**, R. Gitau. 2013. Do Land Disputes Affect Smallholder Agricultural Productivity? Evidence from Kenya. *Journal of Economics and Sustainable Development*, 4(14).
11. **Muyanga, M.**, T.S. Jayne and William J. Burke. 2013. Pathways into and out of Poverty: A Study of Determinants of Rural Household Wealth Dynamics in Kenya. *Journal of Development Studies*, 49(10): 1358-1374.
12. Jayne, T.S., **M. Muyanga**. 2012. Land constraints in Kenya's densely populated rural areas: implications for food policy and institutional reform. *Food Security*, 4(3): 399-421.

13. **Muyanga, M.** 2009. Smallholder adoption and economic impacts of tissue culture banana in Kenya. *African Journal of Biotechnology*, Vol. 8 (23), pp. 6548-6555.
14. **Muyanga, M.** 2008. Correlates of Household Poverty in Rural Kenya: Panel data analysis. *International Journal of Afro-Asian Studies*, Vol. 1 (1), pp10-22.
15. **Muyanga, M., T.S. Jayne.** 2008. Private Agricultural Extension System in Kenya: Practice and Policy Lessons. *Journal of Agricultural Education and Extension*, Vol. 14 (2), pp111-124.
16. **Muyanga, M.** 2005. Gender disaggregated analysis of charcoal production in Kenya. *African Crop Science Conference Proceedings*, Vol. 7. pp. 897-900.
17. **Muyanga, M.** 2004. Insights to Rural Household Food Insecurity in Kenya. *Uganda Journal of Agricultural Sciences*, 9 (1): pp791-796.

**Table 1. Impact factors and other metrics of selected journals where I have published**

Full Journal Title	Total Cites	Journal Impact Factor	5-Year Impact Factor	Cited Half-Life	Article Influence Score	Average Journal Impact Factor Percentile
1. American Journal of Agricultural Economics	7,933	2.532	3.100	14.7	1.196	84.722
2. Agricultural Economics	3,776	2.423	3.219	9.8	0.998	78.202
3. Food Policy	6,102	3.788	4.631	7.1	1.258	86.794
4. Food Security	2,014	2.153	3.257	4.9	0.773	59.630
5. Journal of Agricultural Education & Extension	494	1.388	--	6.2	--	32.827
6. Journal of Development Studies	4,009	1.531	2.065	9.4	0.774	54.290
7. Land Use Policy	12,353	3.573	4.236	4.5	0.782	78.017
8. Geoderma	23,042	4.336	4.564	3.1	0.968	90.000

Source: Web of Science Journal Citation Reports, 2019.

### MANUSCRIPTS SUBMITTED TO JOURNALS

1. Bellinger, M., **Muyanga, M.**, Mather, D. Mason, N. The role of land access and non-farm activities in youth and young adult migration: Evidence from rural Zambia. Revisions requested at *Agrekon*
2. Mulwa, C. **M. Muyanga**, T.S. Jayne. Emergent large traders in smallholder grain markets and their role in enhancing adoption of sustainable agricultural intensification practices in Kenya. Revisions requested at *Agrekon*.

### BOOK CHAPTERS

1. **Muyanga, M.**, T.S. Jayne. 2019. Changing farm structure in Africa: implications on agricultural transformation in Southern Africa. In: Sikora, R.A., E.R. Terry, P.L.G. Vlek, J. Chitja (eds.), *Transforming Agriculture in Southern Africa: Constraints, Technologies, Policies and Processes*. Routledge
2. Jayne, T.S, Chamberlin, J., **Muyanga, M.** 2014. Emerging Land Issues in African Agriculture: Implications for food security and poverty reduction strategies. In: Falcon W.P.,

and R.L. Naylor (eds), *Frontiers in Food Policy: Perspectives on sub-Saharan Africa*, Center for Food Security and the Environment, Stanford University.

3. **Muyanga, M.**, J. Olwande, E. Mueni, and S. Wambugu. 2010. Free Primary Education in Kenya: An Impact Evaluation Using Propensity Score Methods. In: Cockburn, J. and J. Kabubo-Mariara (eds.), *Child Welfare in Developing Countries*. Springer/PEP/IDRC 2010.
4. Sinha, Ray and **M. Muyanga**. 2002. Artificial Recharge. In: Jo Smet and Christine van Wijk (eds.), *Small Community Water Supplies: Technology, People and Partnership*. International Water and Sanitation Centre (IRC) Technical Paper Series No. 40, Delft, the Netherlands

## TECHNICAL REPORTS

1. **Muyanga, M.**, David Tschirley, Thomas Reardon, T.S. Jayne, Ferdi Meyer, Saweda Liverpool-Tasie, and Tracy Davids. 2019. Rural and Agrifood Systems in Transforming Economies in Africa and Asia. Feed the Future Innovation Lab for Food Security Policy Synthesis Report III.
2. Jayne, T.S., **M. Muyanga**, Ayala Wineman, Hosaena Ghebru, Caleb Stevens, Mercedes Stickler, Antony Chapoto, Felix K. Yeboah, Ward Anseeuw, David Nyange, and Divan Van der Westhuisen. 2019. The Changing Face of African Farmland in an Era of Rural Transformation. Feed the Future Innovation Lab for Food Security Policy Synthesis Report III.
3. William J. Burke, Stephen Morgan, Thelma Namonje, **Milu Muyanga**, and Nicole M. Mason, 2019. Beyond the "Inverse Relationship": Area Mismeasurement Affects Actual Productivity, Not Just How We Understand It, Feed the Future Innovation Lab for Food Security Policy Research Paper 159.
4. David Tschirley, Thomas Reardon, Steven Haggblade, Thomas S. Jayne, Saweda Liverpool-Tasie, Titus Awokuse, **M. Muyanga**, Anne Wangalachi, Austin Makani. 2017. Engaging the Agribusiness Sector in Inclusive Value Chain Development: Opportunities and Challenges in Chapter 3 of AGRA 2017 African Agriculture Status Report on The Business of Smallholder Agriculture in Sub-Saharan Africa
5. Katerere, Y., Jama, B., Arslan, A., Jones, R., **Muyanga, M.**, Kiwia, A., Qureish, N. 2016. Sustainable Intensification for Resilience in Chapter 4 of AGRA 2016 African Agriculture Status Report on Progress Towards Agricultural Transformation in Africa.
6. Jayne, T.S., **M. Muyanga**, Jordan Chamberlin, and Chance Kabaghe. 2014. Land Scarcity and African Agriculture: Implications for Food Security and Poverty Reduction Strategies. In *The State of the African Farmer*, Heifer International, pp.34-41.
7. Nyoro, J., **M. Muyanga** and I. Komo. 2005. Revisiting the Role of Agricultural Performance in Reducing Poverty in Kenya. Mimeo, World Bank, Washington, DC.

## POLICY BRIEFS

1. Muyanga, M., David Tschirley, Thomas Reardon, T.S. Jayne, Ferdi Meyer, Saweda Liverpool-Tasie, and Tracy Davids. 2019. Policy Research Brief on Rural and Agrifood Systems in Transforming Economies in Africa and Asia. Feed the Future Innovation Lab for Food Security Policy Synthesis Report III.
2. Jayne, T.S., Milu Muyanga, Ayala Wineman, Hosaena Ghebru, Caleb Stevens, Mercedes Stickler, Antony Chapoto, Felix K. Yeboah, Ward Anseeuw, David Nyange, and Divan Van der Westhuisen. 2019. Policy Research Brief on The Changing Face of African Farmland in

an Era of Rural Transformation. Feed the Future Innovation Lab for Food Security Policy Synthesis Report III.

3. Muyanga, M., Adebayo Aromolaran, Thomas Jayne, Saweda Liverpool-Tasie, Titus Awokuse and Adesoji Adelaja. 2019. Changing farm structure and agricultural commercialisation in Nigeria. APRA/IDS Policy Brief 21.

### **PAPERS IN PROGRESS**

1. Burke, W.J., S. Morgan, T. Namonje, **M. Muyanga**, N.M. Mason. Beyond the "Inverse Relationship": Area Mismeasurement Affects Actual Productivity, Not Just How We Understand It
2. Koima, J., **M. Muyanga**, T.S. Jayne. School Electrification and Academic Outcomes in Rural Kenya
3. Liverpool-Tasie, L.S.O., A.S. Nuhu, T., Awokuse, T.S. Jayne, **M. Muyanga**, A. Aromolaran, A. Adelaja. Spillover effects of Medium-Scale Farms on Smallholder Behavior and Welfare: Evidence from Nigeria
4. Adelaja, A., J. George, T.S. Jayne, **M. Muyanga**, T. Awokuse, L.S.O. Liverpool-Tasie, A. Aromolaran. Resilience Factors and their Mitigating Effects on Conflict Shocks
5. Omotilewa, O.J., T.S. Jayne, **M. Muyanga**, A. Aromolaran, L.S.O. Liverpool-Tasie, T. Awokuse. A revisit of farm size and productivity: Empirical evidence from a wide range of farm sizes in Nigeria
6. Aromolaran, A.B., **M. Muyanga**, T.S. Jayne, A.E. Obayelu, T. Awokuse, O.O. Ogunmola. Drivers of Market Orientation Among Farm Households in Nigeria
7. Aromolaran, A.B., **M. Muyanga**, T.S. Jayne, A.E. Obayelu, T. Awokuse, O.O. Ogunmola. Drivers of increasing share of farmland allocation to commercial crops in Nigeria
8. Mangani, R., T.S. Jayne, P. Hazell, **M. Muyanga**, S. Chimatiro. Agricultural Transformation in Malawi: Call to Action
9. **Muyanga, M.**, Z. Nyirenda, Y. Lifeyo, William Burke. The Future of Smallholder Farming in Malawi
10. Mulwa, C., **M. Muyanga**, R. Alphonse, T.S. Jayne. Spillover effects of medium- scale farms on small-scale farms in Tanzania: A spatial econometric approach
11. Willy, D.K., **M. Muyanga**, T.S. Jayne, J. Mbuvi. More People, Less Erosion? Agricultural Intensification and Soil Organic Carbon Dynamics in Densely Populated Kenya

### **EXTERNAL GRANTS AWARDED**

1. **Food Security Policy Innovation Lab**, 2013-2020, Co-PI (with M. Maredia (PI), D. Boughton, D. Tschirley, V. Theriault, O. Tasie, T. Reardon, N. Mason, D. Mather, S. Longabaugh, T.S. Jayne, S. Haggblade, and E. Crawford). Sponsor: U.S. Agency for International Development (USAID). Project complete. Award amount: \$15,000,000.
2. **Food Security Policy Innovation Lab – Zambia Buy-In**, 2016-2019; no-cost extension to 2020, co-PI May 2018-Jan. 14, 2020 (with N. Mason (co-lead PI, T.S. Jayne, E. Crawford, and N. Sitko). Sponsor: USAID Zambia Mission. Project complete. Award amount: \$1,500,168.
3. **Tegeemo Agricultural Policy Research and Analysis Project II (TAPRA II)**, 2012-2017, PI (with M. Smale, T.S. Jayne, N. Mason, and E. Crawford). Sponsor: Egerton University, Kenya. Prime: USAID Kenya Mission. Project complete. Award amount: \$1,997,916.

4. **Agricultural Policy Research in Africa (APRA)**, 2017-2021, Co-PI (with T.S. Jayne). Sponsor DFID/UK. Project in progress. Award amount: £389,768.
5. **Agricultural Sector Policy and Institutional Reform Strengthening (ASPIRES)**, Food Security Policy Innovation Lab – Tanzania Buy-In, 2016-2019, co-PI (with D. Tschirley, T.S. Jayne, T. Reardon, D. Nyange, and M. Maredia). Sponsor: USAID Tanzania Mission. Project complete. Award amount: \$4,999,799.
6. **SERA BORA [BETTER POLICIES]**, 2020–2024, Co-PI (with M. Maredia, D. Tschirley, T. Reardon, D. Nyange). Sponsor: USAID Tanzania Mission. Project in progress. Award amount: \$6,500,000.
7. **Guiding Investments in Sustainable Agricultural Intensification in Africa (GISAIA)**, 2013-2016, Co-PI (with T.S. Jayne). Sponsor Bill and Melinda Gates Foundation. Project in progress. Award amount: \$549,055.
8. **New Alliance Policy Acceleration Support: Malawi (NAPAS:Malawi)**, Food Security Policy Innovation Lab – Malawi Buy-In, 2017-2019, co-PI (with F. Nankuni, David Tschirley, and T.S. Jayne). Sponsor: USAID Malawi Mission. Project complete. Award amount: \$1,100,787.
9. **Malawi Agricultural Policy Advancement and Transformation Agenda (MwAPATA)**, 2019-2021, Co-PI (with T.S. Jayne). Sponsor: Agricultural Transformation Initiative/ Foundation for a Smoke Free World. Project in progress. Award amount: \$8,300,000.
10. **African Economic Research Consortium (AERC) Competitive Grant**, lead PI, 2008. Award amount: \$12,000
11. **Centre of Environmental Economics and Policy in Africa (CEEPA) Competitive Grant**, lead PI, 2007. Award amount: \$6,000
12. **Poverty and Economic Policy Network (PEPnet) Competitive Grant**, lead PI, 2007. Award amount: \$10,000
13. **Poverty and Economic Policy Network (PEPnet) Competitive Grant**, lead PI, 2005. Award amount: \$10,000
14. **Fauna and Flora (UK) Precautionary Principle Project Competitive Grant**, lead PI, 2004. Award amount: BP3,000
15. **International Food Policy Research Institute (IFPRI)-2020 Vision Project Competitive Grant**, lead PI, 2002. Award amount: \$10,000

## PRESENTATIONS

1. *Changing farm structure and rural transformation in Africa. Are medium-scale farms driving Agricultural transformation?* Presentation at the 6<sup>th</sup> Annual Agricultural Policy Conference [AAPC], Treasury Square, Dodoma, Tanzania, February 12, 2020
2. *Land Policy for Good? A Review of Land Policies in Kenya and their Implications on Smallholder Agriculture.* Presentation at a Round Table Discussion on Land Reforms, Food Sovereignty and Accumulation in Africa, Thabo Mbeki African Leadership Institute, UNISA, Pretoria, South Africa, on May 5 & 6, 2019
3. *Are Medium-Scale Farms Driving Agricultural Transformation in Africa?* Presentation at the Global FSP Innovation Lab Researchers Meeting and Closeout Conference, March 5 2019, Washington DC, USA.
4. *Are Medium-Scale Farms Driving Agricultural Transformation in Africa: A case study of Horticultural Farms in Tanzania?* Presentation at the 5<sup>th</sup> Annual Agricultural Policy Conference. 13<sup>th</sup>- 15<sup>th</sup> February 2019, Dodoma, Tanzania

5. *Are Medium-Scale Farms Driving Agricultural Transformation in Africa?* Presentation at the APRA Annual Research Review and Planning Workshop, University of Ghana, Legon, and the Institute of Statistical, Social and Economic Research (ISSER), Ghana, 4 December 2018
6. *The Changing Farm Structure in Africa: Causes, Consequences and Policy Implications.* Keynote speech at the 5<sup>th</sup> Annual ReNAPRI Stakeholder Conference, November 28, 2018, Zanzibar, Tanzania
7. *The Changing Farm Structure in Africa: Causes, Consequences and Policy Implications.* Presentation at International Center for Tropical Agriculture (CIAT) -Kenya Nairobi, November 23<sup>rd</sup>, 2018.
8. *The Looming Youth Employment Challenge in sub-Saharan Africa.* Public Lecture at the South Eastern Kenya University, Kitui, Kenya, November 21, 2018
9. *Are Medium-Scale Farms Driving Agricultural Transformation in Africa?* Presentation at the Indaba Agricultural Policy Research Institute [IAPRI] Brown Bag, November 16, 2018, Lusaka, Zambia
10. *The Rise of Medium-Scale Farms in Africa: Causes and Consequences of Changing Farm Size Distributions.* Key Note Speech at the the Congress FOOD 2030, University of Hohenheim, Stuttgart, Germany, September 5, 2018
11. *Medium-Scale Farming in Nigeria.* Muyanga, M., A. Aromolaran, S. Liverpool-Tasie, T.S. Jayne, T. Awokuse. Presentation at the APRA-Nigeria First Strategic Stakeholder Consultative Forum, Yar Adua Center, Abuja, Nigeria, September 10-11, 2018
12. *Africa's rapidly transforming food systems: New landscapes and challenges.* Plenary presentation at the 30<sup>th</sup> International Conference of Agricultural Economists, Vancouver, Canada, August 1, 2018.
13. *Pulled or pushed out? Causes and consequences of youth migration out of agriculture in densely populated areas of rural Kenya.* Presented at the at the Annual World Bank Conference on Land and Poverty 2018 March 22, Washington, DC, USA
14. *The Changing Farm Structure in Africa: Causes, Consequences and Policy Implications.* Presented at the 4<sup>th</sup> Annual Agricultural Policy Conference, February 16<sup>th</sup>, 2018, Dodoma, Tanzania
15. *The Agricultural Policy Research in Africa (APRA).* Presentation at APRA Training Workshop, Peak-Olam Suites, Abeokuta, Ogun State, Nigeria, February 8, 2018
16. *Causes and Consequences of Farm Size Distributions.* Presentation at APRA Annual Research Review and Planning Workshop, Institute of Poverty, Land and Agrarian Studies (PLAAS), Bellville, South Africa, 31 January 2018
17. *Are Local Investor Farmers Making Small-Scale Farmers More Productive and Commercialized? Evidence from Nigeria.* Presentation at APRA Annual Research Review and Planning Workshop, Institute of Poverty, Land and Agrarian Studies (PLAAS), Bellville, South Africa, 30 January 2018
18. *Pulled or pushed out? Causes and consequences of youth migration from densely populated areas of rural Kenya.* Presentation at the Tegemeo Conference 2017 on "Transforming Agriculture for Inclusive Growth and sustainable livelihoods." Nairobi, Kenya. December 6, 2017.
19. *Can Smallholders Farm Themselves out of smallholder farming and poverty?* Presentation at the Tegemeo Conference 2017 on "Transforming Agriculture for Inclusive Growth and sustainable livelihoods." Nairobi, Kenya. December 5, 2017.

20. *The Rise of Medium - Scale Farms in Africa: Causes and Consequences of Changing Farm Size Distributions*. Presentation at the Global Food Security Conference Symposium on "Changing food systems and nutrition: do we have the concepts and data to understand, track, and anticipate the links? " Cape Town, South Africa. December 3, 2017.
21. *Is Small Still Beautiful? The Farm Size-Productivity Relationship Revisited*. Presentation at the International Conference on Ecosystem Resilience and Agricultural Productivity. Speke Resort Munyonyo. Kampala, Uganda. November 23, 2017.
22. *Causes, consequences of changing farm size distributions in Africa, and implications on youth employment*. Presentation at the Indaba Agricultural Policy Research Institute [IAPRI] Brown Bag, October 19, 2017, Lusaka, Zambia
23. *Rise of Medium-Scale Farms in Africa: Causes and Consequences of Changing Farm Size Distributions*. Presentation at the Global Donor Working Group on Land side on "The Impact of Increasing Capital Flows to Rural Areas: Experiences in Sub-Saharan Africa" during the 44 Committee on World Food Security (CFS), October 9, 201, Rome, Italy
24. *Agriculture Transformation in Africa and Prospects for the Grain Sector: A case for Tanzania*. Presentation at the Eastern Africa Grain Council Secretariat 7th African Grain Trade Summit 3-7 October, 2017, Dar es Salaam, United Republic of Tanzania
25. *Is Small Still Beautiful? The Farm Size-Productivity Relationship Revisited*. Presented at the 2017 AAEA Annual Meeting, July 30- August 1, 2016, Chicago, Illinois
26. *Does Size Matter? The Farm Size- Productivity Revisited*. Presented at the 3rd Annual Agricultural Policy Conference, March 3rd, 2017, Dar es Salaam, Tanzania
27. *How resilient are escapes out of poverty in Africa?* Presentation at the First International Conference on the Use of the Tanzania National Panel Survey and LSMS Data for Research, Policy and Development, Dar es Salaam, Tanzania, 7 February, 2017
28. *Is Small Still Beautiful? The Farm Size-Productivity Relationship Revisited*. Presented at the Department of Agricultural, Food and Resource Economics, MSU Brown Bag Seminar, October 25, 2016
29. *Access to agricultural land, youth migration and livelihoods in Tanzania*. Presented at the 5th International Conference of AAAE September 25, 2016, Addis Ababa, Ethiopia
30. *Can economic and environmental benefits associated with agricultural intensification be sustained at high population densities? A farm-level empirical analysis*. Presented at the 5th International Conference of AAAE September 25, 2016, Addis Ababa, Ethiopia
31. *Is Small Still Beautiful? The Farm Size-Productivity Relationship Revisited*. Presented at the 5th International Conference of AAAE September 25, 2016, Addis Ababa, Ethiopia
32. *Maize Response to Nitrogen- The role of soil quality*. Presentation at the 2016 AAEA Annual Meeting, Boston, USA, August 2, 2016
33. *Is Small Still Beautiful? The Farm Size-Productivity Relationship Revisited in Kenya*. Presented at the at the Annual World Bank Conference on Land and Poverty 2016, March 14-18, 2016, Washington, DC
34. *Agricultural land dynamics and land policy in rural Tanzania*. Presentation at the 2nd Annual Agricultural Policy Conference Dar es Salaam, Tanzania, February 25, 2016
35. *Emerging Land Issues in Kenyan Agriculture and their Implications for Food Policy and Institutional Reforms*, presentation at the Tegemeo National Policy Conference 2015, Kenya School of Monetary Studies, Nairobi, Kenya, November 10, 2015



36. *Is Small Still Beautiful? Review of the Inverse Farm Size-Efficiency Relationship in Africa*, presentation at the African Economic Conference 2015, Kinshasa, Democratic Republic of Congo, Nov. 3, 2015
37. *Africa's Changing Farmland Ownership: Causes and Consequences*, presentation at the African Economic Conference 2015, Kinshasa, Democratic Republic of Congo, November 3, 2015
38. *Medium & Large Scale Farming in Tanzania: Highlights from Agric. Sample Census Survey 2007/08*. Presentation at the Land Access Study Inception Stakeholders' Meeting, Protea Courtyard, Dar es Salaam, Tanzania, August 24, 2015
39. *Emerging Agricultural Land Issues among Smallholder Farmers in Kenya*. Presentation at the International Conference for Agricultural Economist (ICAE) Milan, Italy, August 14, 2015
40. *Plot History, Soil Characteristics and Maize Response to Fertilizer in Kenya*. Presentation at the 29<sup>th</sup> International Conference of Agricultural Economist, Milan, Italy, August 12, 2015
41. *Africa's Changing Farmland Ownership: Causes and Consequences*. Paper presented at the 2015 AAEA & WAEA Joint Annual Meeting, San Francisco, CA, USA, July 26-28, 2015
42. *Review of the Inverse Farm Size-Efficiency Relationship in Africa: Methodological Issues and Empirical Evidence from Three African Countries*. Presentation at the Annual World Bank Conference on Land and Poverty 2015 March 23-27, 2015, Washington, DC
43. *Toward a Holistic and Sustainable Agricultural Growth Strategy in Sub-Saharan Africa*. Presentation at the Feed the Future Innovative Lab Partners Meeting in Lilongwe, Malawi April 21, 2015
44. *Changing dynamics around land in African agriculture*. Presentation at the African Students Organization, 12th Annual Forum, University of Illinois at Urban-Champaign, Illinois, March 14, 2015
45. *Land Acquisition in Africa: Threat or Opportunity?* Presentation at the African Studies Center, Michigan State University, East Lansing, Michigan January 22, 2015
46. *Household Incomes and Poverty Dynamics in Rural Kenya: A Panel Data Analysis*, Presentation at the Economics of Global Poverty Conference, Gordon College, Boston, USA, January 6-7, 2015
47. *Is Small still beautiful? The farm size-productivity relationship revisited*. Presentation at the 2014 Conference on Land Policy in Africa, The African Union Conference Center, Addis Ababa, Ethiopia, November 12, 2014
48. *Changing Dynamics Around Land in Africa*. Presentation at ReNAPRI's 1<sup>st</sup> Annual Regional Agricultural Outlook Symposium Taj Pamodzi Hotel, Lusaka, Zambia, November 4, 2014
49. *Emerging Agricultural Land Issues in Kenya*. Presentation at the National Conference on Emerging Land Issues in Kenyan Agriculture, The Boma Inn Hotel, Nairobi, Kenya, October 30, 2014
50. *National Land Conference on Emerging Land Issues in Kenyan Agriculture and their Implications for Food Policy and Institutional Reforms*. Joint MSU & Kenya Land Alliance News Media Editors' Breakfast Briefing at Laico Regency Hotel, Nairobi, October 29, 2014
51. *National Land Conference on Emerging Land Issues in Kenyan Agriculture and their Implications for Food Policy and Institutional Reforms*. Joint MSU & Kenya Land Alliance Journalists' Breakfast Briefing at Laico Regency Hotel, Nairobi, October 28, 2014
52. *Emerging Land Issues in African Agriculture*. Presentation at the Bill & Melinda Gates Foundation, Seattle, USA, October 24, 2014

53. *Emerging Land Issues in sub-Saharan Africa Agriculture*. Presentation at the 2<sup>nd</sup> Africa Food Security Conference, Laico Regency Hotel, September 9<sup>th</sup>, 2014
54. *How does rising rural population density affect smallholder agriculture? Evidence from Ethiopia, Kenya & Malawi*. Presentation at the International Food Policy Research Institute Policy Seminar on *Policy Options for Addressing Land Pressures in African Agriculture*, IFPRI Headquarters, Conference Room 4B, September 4<sup>th</sup>, 2014
55. *David vs. Goliath: The Revolution In Africa's Farm Structure*. Presentation at the IFAMA Agribusiness and Food World Forum Cape Town, South Africa, June 17<sup>th</sup>, 2014.
56. *Changing dynamics around land in African agriculture*. Presentation at the Presentation at the Bureau for Food Security | USAID, Washington, DC, June 10, 2014.
57. *Changing dynamics around land in African agriculture*. Presentation at the Grow Africa Investment Forum, Abuja, Nigeria, May 6, 2014.
58. *Under the radar screen: the rapid rise of emergent farmers in Africa*. Presentation at the World Bank Annual Conference on Land and Poverty 2014, World Bank, Washington DC, USA, March 26, 2014.
59. *Effects of Human Population Density on Smallholder Agriculture in Kenya*. Presentation at the International Center for Tropical Agriculture (CIAT) -Kenya Nairobi, December 3<sup>rd</sup>, 2013
60. *Implications of increasing Population Densities on Farm Intensification and poverty reduction Strategies in Kenya*. Presentation at the USAID-Kenya, Nairobi, November 26<sup>th</sup>, 2013
61. *Land Access in Kenya: Are The Current Land Polices Fostering Inclusive Agricultural Growth?* Africa Studies Center, Eye on Africa Speaker Series. Michigan State University. October 24, 2013.
62. *The Emergent Farmers in Africa: Insights and Policy Implications*, Keynote presentation in the “Enabling policies for local and global food security – Africa” session at the First International Conference on Global Food Security, Noordwijkerhout, The Netherlands September 27, 2013 through October 2, 2013.
63. *Effects of Increasing Population Density on Smallholder Agricultural Intensification in Rural Kenya*, poster presentation at the First International Conference on Global Food Security, Noordwijkerhout, The Netherlands September 27, 2013 through October 2, 2013.
64. *Smallholder Land Access in Kenya: Are the current land institutions and policies fostering Inclusive Broad-Based Agricultural Growth?* African Association of Agricultural Economist (AAAE) conference, Hammamet, Tunisia September 22-26, 2013.
65. *Effects of Population Density on Smallholder Agricultural Production and Commercialization in Rural Kenya*. Paper presented at the International Food Policy Research Institute workshop on Emerging Land Constraints in sub-Saharan Africa and their implications for Rural Development strategies, IFPRI Headquarters, Conference Room 4B, April 12<sup>th</sup>, 2013.
66. *Smallholder Land Access in Kenya: Are the Current Land Institutions and Policies Fostering Broad-Based Agricultural Growth?* Paper presented at the World Bank Annual Conference on Land and Poverty 2013, World Bank, Washington DC, USA, April 8-11, 2013.
67. *The Rising Class of Emergent Farmers: An Effective Model for Achieving Agricultural Growth and Poverty Reduction in Africa?* Paper presented at the International Conference on the Political Economy of Agricultural Policy in Africa organized by Future Agricultures Consortium, 18-20 March 2013 - Roodevallei, Pretoria, South Africa.

68. *A Study of Determinants of Rural Household Wealth Dynamics in Kenya*. Paper presented at the African Economic Conference, co-organized by African Development Bank (AfDB), United Nations Economic Commission for Africa (UNECA), and United Nations Development Program (UNDP), Kigali Serena, Kigali, Rwanda, October 30 – November 2, 2012.
69. *Land Constraints in Kenya's Densely Populated Rural Areas: Scope and Implications*. Paper presented at the 28<sup>th</sup> International Conference of Agricultural Economics August 18-24, 2012, Rafain Convention Center, Foz do Iguacu, Brazil.
70. *Effects of Increasing Population Density on Smallholder Agriculture and its Implications on Commercialization in Rural Kenya*. Paper presented during the 2012 Agricultural and Applied Economics Association (AAEA) annual conference, Seattle, Washington, USA, August 11-14, 2012.
71. *Emerging Land Constraints in Kenya's Densely Populated Rural Areas: Implications for Food Policy and Institutional Reform*. Paper presented at the World Bank Annual Conference on Land and Poverty 2012, World Bank, Washington DC, USA, April 23-26, 2012
72. *Land Constraints in Kenya's Densely Populated Rural Areas: Nature, magnitude and impact on smallholder farmers' production behavior and welfare*. Paper presented at the 86<sup>th</sup> Annual Conference of the Agricultural Economics Society, Warwick University, Coventry, UK, 16 - 18 April 2012
73. *Emerging Land Constraints in Kenya's Densely Populated Rural Areas: Implications for Food Policy and Institutional Reform*. Paper presented at the International Conference on Land Policies in East Africa, Kampala, Uganda, November 2-4, 2011
74. *Insights into Densely Populated Areas in Rural Kenya: Implications for Food Policy Reforms*. Paper presented at the Fifth Annual Michigan State University African Studies Center Africanist Graduate Student Research Conference, East Lansing, Michigan, October 7-8, 2011.
75. *Rural Household Poverty and Inequality in Kenya*. Paper presented at the Conference on *Conference on Measuring National Income, Wealth, Poverty, and Inequality in African Countries* organized by International Association for Research in Income and Wealth (IARIW) and Statistics South Africa (SSA), Cape Town, South Africa, September 29-30, 2011.
76. *The Correlates of Dynamics into and out of Poverty in Rural Kenya: Panel Data Study*. Paper presented during the 2011 Agricultural and Applied Economics Association (AAEA) annual conference, Pittsburgh, Pennsylvania, USA, July 23-26, 2011.
77. *Pathways into and out of Poverty: A study of Determinants of Rural Household Wealth Dynamics in Kenya*. Paper presented at the Agriculture, Food and Resource Economics 2011 Symposium, Michigan State University, East Lansing, USA, March 23, 2011.
78. *Determinants of Rural Household Wealth Dynamics in Kenya*. Paper presented at the Centre for Studies in African Economies (CSAE) 2011 Conference, Oxford University, Oxford, United Kingdom, March 20-22, 2011.
79. *Pathways into and out of Poverty: A Study of Determinants of Rural Household Wealth Dynamics in Kenya*. Paper presented at the Tegemeo Institute 2010 Policy Conference on Expanding Kenya's Agricultural Competitiveness, Markets Access and Food Security, Kenya Commercial Bank (KCB) Leadership Centre, Karen, Nairobi, October 27-28, 2010.

80. *A Study of Determinants of Rural Household Wealth Dynamics in Kenya: Panel Data Evidence*. Paper presented at the Conference on *Understanding African Poverty over the Longue Durée*, co-organized by Harvard University, Weatherhead Center for International Affairs and the International Institute for the Advanced Study of Cultures, Institutions and Economic Enterprise, Accra, Ghana, July 15-17, 2010.
81. *Free Primary Education Program in Kenya: An Impact Evaluation*, Paper presented at the NONIE-3IE-AfrEA Conference on 'Perspectives on Impact Evaluation', 29th March-2nd April 2009, Semiramis Hotel, Cairo, Egypt
82. *Decomposition of Household Poverty into Transient and Chronic Components: Approaches with Evidence from Kenya*. Paper presented in the United Nations University World Institute for Development Economics Research (WIDER) conference on Frontiers of Poverty Analysis, 28-29 September 2008, Helsinki, Finland
83. *Household Vulnerability to Transient and Chronic Poverty in Rural Kenya*. Paper presented during the 8<sup>th</sup> Global Development Network (GDN) Annual Global Development Awards and Medals Competition conference, 29-30 January 2008, Brisbane, Australia
84. *Determinants of Income Mobility in Rural Kenya*. Proposal presented during the African Economic Research Consortium (AERC) General Meeting, 1-7 December 2007, Dar es Salaam, Tanzania
85. *The Effect of Land Disputes on Investment on Land and Agricultural Productivity in Kenya*. Proposal Presented at the CEEPA'S 4<sup>th</sup> Research Workshop under the Environmental Economics Capacity Building Programme, 22-23 November, 2007, Dar es Salaam, Tanzania
86. *Intergenerational Poverty Transfer: Evidence from Kenya*. Proposal presented during the Poverty and Economic Policy (PEP) Network 6<sup>th</sup> General Meeting, 9-16 June 2007, Lima, Peru
87. *Measurement of Transient and Chronic Household Poverty: Evidence from Rural Kenya*. Paper presented during the 41<sup>st</sup> Annual Meeting of the Canadian Economics Association (CEA), 1-3 June, 2007, Dalhousie University, Halifax, Nova Scotia, Canada
88. *Transient and Chronic Household Poverty in Rural Kenya*. Paper presented at GPRG Conference on Livelihoods and Well Being in Developing Countries: Multidisciplinary approaches held at St. Catherine, Oxford University, on 18<sup>th</sup> March 2007.
89. *Transient and Chronic Rural Household Poverty: Evidence from Kenya*. Paper presented at the Poverty and Economic Policy (PEP) Network 5<sup>th</sup> General Meeting, 18-22 June 2006, Addis Ababa, Ethiopia.
90. *Rural Poverty Dynamics in Kenya: A Study of Rural Households Entering and Exiting Poverty*. Proposal presented during the Poverty and Economic Policy (PEP) Network 4<sup>th</sup> General Meeting, 9-17 June 2005, Colombo, Sri Lanka
91. *Impacts of Precautionary Charcoal Burning and Conservation Policy- Integrating households food security with natural forests concerns in Kenya*. Paper presented during the International Workshop of the Precautionary Principle Project, 21 – 23 July 2005, White Oak Conservation Center, Jacksonville, Florida, USA
92. *Poverty Begets Poverty: Breaking the Vicious Poverty Cycle via Education*. Paper Presented at the UNICEF conference on Child Poverty, 25- 27 April 2005, New York, US.
93. *Precautionary Principle: Food Security; Charcoal Burning and Natural Forests Conservation in Kenya*. Paper presented at the 4<sup>th</sup> Global Biodiversity Forum, 8 - 11 June, 2004, Dar Es Salaam, Tanzania.

94. *Rural Household Food Insecurity in Kenya*. Paper presented during Integrated Agricultural Research for Development– Achievements, Lessons Learnt and Best Practice Conference, Sept 1-4, 2004, Kampala, Uganda.
95. *Participatory Surveys and Socio-Economic Impacts Assessment of Water Projects*. Paper presented in Water Resources Management in ASALs Seminar hosted by Moi University and Delft University of Technology (The Netherlands), August 12, 2003, Eldoret, Kenya.
96. *From Rhetoric to Practice: Gender Participation in the Story for Survival*. Paper presented at International Water and Sanitation Centre (IRC) seminar in November 29, 2000, Delft, the Netherlands.
97. *Re-Developing Schie-Oevers Towards Sustainability*. Joint report presented in Technical University-Delft Seminar in October 12, 2000, Delft, The Netherlands.

## POPULAR PRESS AND MEDIA

### *Videos:*

1. September 11<sup>th</sup>, 2017: NTV (Kenya), Egerton University, Michigan University sign MoU to tackle policy issues in agriculture. Interviewed by Magdalene Wanja.
2. November 7<sup>th</sup>, 2014: KBC (Kenya), Land speculators a threat to Kenya’s food security efforts. Interviewed by Ruth Mutegi.
3. October 28<sup>th</sup>, 2014: NTV (Kenya), Kenya land challenges, lack of law enforcement threatens land reforms. Appeared on NTV
4. October 28<sup>th</sup>, 2014: KTN (Kenya), Small scale farming under threat and governments asked to come up with agricultural policies Appeared on KTN television
5. October 28<sup>th</sup> 2014: K24 (Kenya), Rise of Medium Scale Farms a Threat To Food Security. Appeared on K24 television
6. September 9<sup>th</sup> 2014: NTV (Kenya), Foreign Direct Investment on Land in Africa. Appeared on NTV television
7. September 4<sup>th</sup> 2014: IFPRI-YouTube, How does Rising rural population density Affect smallholder agriculture? Evidence from Ethiopia, Kenya & Malawi.
8. October 24, 2013: Africa Studies Center (MSU), Land Access in Kenya: Are The Current Land Policies Fostering Inclusive Agricultural Growth?

### *Print:*

9. February 12<sup>th</sup>, 2018. Daily Nation: Uhuru Kenyatta's ‘Big Four’ plan: How to grow more food for a growing population. Interviewed by Bitange Ndemo: Retrieval from <https://www.nation.co.ke/oped/blogs/dot9/ndemo/2274486-4301150-6n3pl7z/index.html>
10. December 14, 2017: Daily Trust. MSU builds capacity of Nigerian scholars. Interviewed by Vincent Yusuf. Retrieval from <https://www.dailytrust.com.ng/agriculture-msu-builds-capacity-of-nigerian-scholars.html>
11. September 14, 2017: Business Daily, Lack of records to blame for perennial food shortage, experts. Interviewed by Magdalene Wanja: retrieval from <http://www.businessdailyafrica.com/news/Lack-records-blame-perennial-food-shortage-experts/539546-4095796-rbk0uk/index.html>
12. November 1, 2014: Daily Nation (Kenya), Why rescuing small farms is good for everyone. Interviewed by Otieno Otieno: retrieval from <http://www.nation.co.ke/oped/Opinion/Why-rescuing-small-farms-is-good-for-everyone/-/440808/2507498/-/7rduvez/-/index.html>

13. October 31, 2014: Daily Nation (Kenya), Wealthy urbanites hungry for fertile land deal blow to food production. Interviewed by Arthur Okwemba, retrievable from <http://mobile.nation.co.ke/blogs/-Wealthy-urbanites-hungry-/-/1949942/2507068/-/format/xhtml/-/12ve7qk/-/index.html>
14. October 29, 2014: People Daily (Kenya), Country stares at food shortage over land use. Interviewed by Brian Ngugi.
15. September 4, 2014: SciDev Net, Making Agriculture Attractive to the Youth, retrievable from <http://www.scidev.net/sub-saharan-africa/agriculture/opinion/making-agriculture-attractive-to-the-youth-in-africa.html>
16. June 26, 2014: Knowledge, Technology and Society, Institute of Development Studies Blog, Is Africa's future 'upstream' and 'post-farm'?, retrievable from <http://knotsids.blogspot.com/2014/06/ifama-2014-is-africas-future-upstream.html>
17. March 30, 2014: Sunday Nation (Kenya), Agricultural policies 'not friendly' to small farmers. Interviewed by Okwemba, Arthur, retrievable from <http://mobile.nation.co.ke/business/Agricultural-policies-not-friendly-to-small-farmers-/-/1950106/2262510/-/format/xhtml/-/15f5h12/-/index.html>
18. March 27, 2014: Africa Woman & Child Feature Service, Kenya's agriculture policies hostile to poor farmers. Interviewed by Arthur Okwemba
19. March 27, 2014: Thomson Reuters Foundation, Foreign investors often blamed for Africa land grabs conducted by local ruling elites. Interviewed by Kayode Ogunbunmi <http://www.trust.org/item/20140327123616-6u053/>
20. November 23, 2013: Standard on Sunday (Kenya), Subsidized fertilizer: Cheaper alternative or expensive way of rearing crops? Interviewed by Dann Okoth

*Radio:*

September 1, 2014: Amka na BBC. Interviewed by Regina Mziwanda on insights to the Food Summit that was going on in Addis Ababa, Ethiopia

## **GRADUATE STUDENT ADVISING AT MSU**

### *PhD Students- Major Professor*

- Josephat Koima (AFRE). Expected year of completion: 2020/2021. Tentative dissertation title: *Essays on Agricultural Productivity, Youth Employment and Youth Human Capital Development in Sub-Saharan Africa* [Chapter 1: Are African Farmers Ageing? Effects of Agricultural Productivity on Gender and Age Composition of Farmers in Zambia; Chapter 2: Impact of Agricultural Productivity on Human Capital Investment in Tanzania; and Chapter 3: Effects of Primary School Electrification on Academic Outcomes in Kenya]. Status: In progress

### *MSc Students- Committee Member*

- Megan Bellinger (AFRE). Year of completion: 2020. Thesis title: *The Role of Land and Non-Farm Activities in Youth and Young Adult Migration: Evidence from rural Zambia*. Status: Completed

## **GRADUATE STUDENT ADVISING IN OTHER UNIVERSITIES**

### *PhD Students- Committee Member*

- Chalmers Mulwa (Environmental Policy Research Unit (EPRU), School of Economics, University of Cape Town). Year of Completion: 2020. Dissertation title: *Managing Vulnerability to Risks among Smallholder Farmers: Essays on Climate Change Adaptation and Sustainable Agricultural Intensification in Developing Countries*. Status: Completed.

*MSc Students- Committee Member*

- Furaha N. Rashid (Sokoine University of Agriculture, Tanzania). Year of Completion: 2018. Thesis title: *Commercialization Pathways and their Implications on Smallholder Rice Farmers' Productivity and Welfare in Mbarali District, Tanzania*. Status: Completed
- Nickson Severian (Sokoine University of Agriculture, Tanzania). Year of Completion: 2018. Thesis title: *Sustaining Agro-Industrial Development through Increasing Farm Size and Agricultural Productivity in Tanzania: The Case Farm Size and Productivity Across Maize Cropping Systems in Tanzania*. Status: Completed

**SERVICE**

***Refereeing of Journal Articles***

American Journal of Agricultural Economics

***Service to Professional Associations***

Abstract reviewer: Agricultural and Applied Economics Association Annual Meetings

***Professional Associations Membership***

1. International Association of Agricultural Economists (IAAE)
2. Agricultural and Applied Economics Association (AAEA)
3. African Association of Agricultural Economist (AAAE)
4. Poverty and Economic Policy Network (PEP-net)
5. Global Development Network (GDNNet)
6. Agricultural Economic Society (AES)
7. African Economic Research Consortium (AERC)