

Curriculum Vitae Francis Tsiboe

Contact Information

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Website: <https://sites.google.com/site/francistsiboe/>

Education

Ph.D. Agricultural Economics, Kansas State University, (started in Fall/2017)

Major Advisor: Jesse Tack

MS. Agricultural Economics, University of Arkansas, 2013-2015

Major Advisors: Lawton Lanier Nalley and Jeff Luckstead

BS. Agriculture, University of Ghana, 2007-2011

Major Advisor: Akwasi Mensah-Bonsu

Research Interest

Impact evaluation, production economics, plant genetics economics, nutrition and poverty, international development and agricultural policy, price and market analysis, and gender studies. - *I am open to exploring new research areas.*

Professional Experience

Graduate Assistant, Department of Agricultural Economics, Kansas State University, Manhattan KS, USA, Aug/2017

Research Program Associate, Agricultural Economics and Agribusiness, University of Arkansas, Fayetteville AR, USA, Aug/2015 – Jan/2017.

Research Assistant, Agricultural Economics and Agribusiness, University of Arkansas, Fayetteville AR, USA, May/2014 – Aug/2015.

Monitoring and Evaluation Intern, World Cocoa Foundation, Accra, Ghana, May/2014 – July/2014.

Teaching Assistant, Agricultural Economics and Agribusiness, University of Arkansas, Fayetteville AR, USA, August/2013 – May/2014.

Customer Service Associate, Duane Reade, Manhattan NY, USA, January/2013 – August/2013.

Research Assistant, Agricultural Economics and Agribusiness, University of Ghana, Accra, Ghana, September/2011 – August/2012.

Teaching Experience

Guest Lectures

AGEC 614: Agricultural Trade II: International – Spring 2017 for Dr. Irene S. Egyir at University of Ghana, Accra, Ghana. Topics; International Trade Theories (Mercantilism, Absolute and Comparative Advantage, and Factor endowment theory); Terms Of Trade; Import Substitution Versus Export Orientation; And Measuring The Effects Of Trade Policies (Partial Vs. General Equilibrium). (Graduate)

AGEC 5613: Econometrics I – Spring 2015 for Dr. Bruce Dixon at University of Arkansas, Fayetteville AR, USA. Topic; Difference-in-Differences Estimation. (Graduate)

AGEC 2403: Quantitative Tools for Agribusiness – Spring 2014 for Dr. Qiuqiong Huang at University of Arkansas, Fayetteville AR, USA. Topic; Describing Data. (Undergraduate)

AGEC 4163: Agricultural and Rural Development – Fall 2013 and 2014 for Dr. Lanier Nalley at University of Arkansas, Fayetteville AR, USA. Topic; Development In Ghana. (Undergraduate)

Research Performance

[Researchgate](#): Score - 15.61 (higher than 60% of members), Publication reads – 1,881, Citations – 8

[Google scholar](#): h-index – 2, Citations – 18

Publication rate: Since 2013 – 3/year, previous year (2016) – 5, current year (2017) – 9

Book Sections (1)

Wailes, E., Durand-Morat, A., Chavez, E., Alam, M., Mwaijande, F., Steur, H. De, Tsiboe, F. (2015). Identifying and analysing barriers to the acceptance and use of GM rice. In P. Mitton & D. Bennett (Eds.), *Analyses, Africa's Future. Can Biosciences Contribute?* (pp. 129–137). Cambridge, England: Banson/B4FA.

Published Journal Articles (16)

2018 (1)

Tsiboe, F., Zereyesus, Y. A., Popp, J. S., & Osei, E. (2018). Health Effects of Women Empowerment in Agriculture in Northern Ghana: Differing Patterns by Body Mass Index Categories. *African Journal of Agricultural and Resource Economics*, 13 (1).

2017 (9)

Dlamini, T., Nalley, L., Tsiboe, F., Barkley, A., & Shew, A. (2017). The Economic Impact Of The South African Agricultural Research Council's Dry Beans Breeding Program. *Journal of Agricultural and Applied Economics*, 1–19. doi:10.1017/aae.2016.46

Musliu, A., Bajrami, E., Tsiboe, F., & Popp, J. S. (2017). Evaluating the impact of the Value Added Tax reform on raw milk collection in Kosovo. *New Medit: A Mediterranean Journal of Economics, Agriculture and Environment*, 16(1), 29–35.
http://wc3.iamb.it/share/img_new_medit_articoli/1091_29musliu.pdf

Nalley, L., Tack, J., Durand, A., Thoma, G., Tsiboe, F., Shew, A., & Barkley, A. (2017). The Production, Consumption, and Environmental Impacts of Rice Hybridization in the United States. *Agronomy Journal*, 109(1), 193. doi:10.2134/agronj2016.05.0281

Shew, A. M., Danforth, D. M., Nalley, L. L., Nayga, R. M., Tsiboe, F., & Dixon, B. L. (2017). New innovations in agricultural biotech: Consumer acceptance of topical RNAi in rice production. *Food Control*. doi:10.1016/j.foodcont.2017.05.047

Tsiboe, F., Nalley, L., Durand-Morat, A., Thoma, G., & Shew, A. (2017). The Economic and Environmental Benefits of Sheath Blight Resistance in Rice. *Journal of Agricultural and Resource Economics*, 42(2), 215–235.
<http://www.waeonline.org/UserFiles/file/JARE42.2May20176Tsiboe215-235.pdf>

Tsiboe, F., Nalley, L. L., Dixon, B. L., Danforth, D. M., Delwaide, A.-C., & Nayga, R. (2017). Ghanaian Consumers' Attitudes toward Cisgenic Rice: Are all Genetically Modified Rice the Same? *Ghana Journal of Development Studies*, 14(1), 1–18. doi:10.4314/gjds.v14i1.1

Tsiboe, F., Popp, J. S., & Brye, K. R. (2017). Profitability of Alternative Management Practices in a Wheat–Soybean, Double-Crop Production System in Arkansas. *Agronomy Journal*, 109(5). doi:10.2134/agronj2017.03.0140

Tsiboe, F., Zereyesus, Y. A., Popp, J. S., & Osei, E. (2017). The Effect of Women's Empowerment in Agriculture on Household Nutrition and Food Poverty in Northern Ghana. *Social Indicators Research*. doi:10.1007/s11205-017-1659-4

Zereyesus, Y. A., Embaye, W. T., Tsiboe, F., & Amanor-Boadu, V. (2017). Implications of Non-Farm Work to Vulnerability to Food Poverty-Recent Evidence From Northern Ghana. *World Development*, 91, 113–124. doi:10.1016/j.worlddev.2016.10.015

2016 (5)

Nalley, L., Tsiboe, F., Durand-Morat, A., Shew, A., & Thoma, G. (2016). Economic and Environmental Impact of Rice Blast Pathogen (*Magnaporthe oryzae*) Alleviation in the United States. *PLOS ONE*, 11(12), e0167295. doi:10.1371/journal.pone.0167295

Tsiboe, F., Dixon, B. L., Nalley, L. L., Popp, J. S., & Luckstead, J. (2016). Estimating the impact of farmer field schools in sub-Saharan Africa: the case of cocoa. *Agricultural Economics*, 47(3), 329–339. doi:10.1111/agec.12233

Tsiboe, F., Dixon, B. L., & Wailes, E. J. (2016). Spatial Dynamics and Determinants of Liberian Rice Market Integration. *African Journal of Agricultural and Resource Economics*, 11(3). http://www.afjare.org/resources/issues/vol_11_no3/2. Tsiboe et al.pdf

Tsiboe, F., & Nalley, L. L. (2016). Effect of Biotic and Abiotic Stress on Household Cocoa Yields in Ghana. *African Journal of Agricultural and Resource Economics*, 11(3). http://www.afjare.org/resources/issues/vol_11_no3/6 Tsiboe and Nalley.pdf

Tsiboe, F., Zereyesus, Y. A., & Osei, E. (2016). Non-farm work, food poverty, and nutrient availability in northern Ghana. *Journal of Rural Studies*, 47, 97–107. doi:10.1016/j.jrurstud.2016.07.027

2012 (1)

Mensah-Bonsu, A., & Tsiboe, F. (2012). Analysis Of The Constraints And Their Effects On The Marketing Of Cassava By Farmers In The Ajumaku-Enyan Essiam District Of Ghana. *Ghana Journal of Agricultural Science*, 45, 95–108.

Informational and Technical Bulletins (1)

Tsiboe, F., Nalley, L. L., Brye, K. R., Dixon, B. L., & Shew, A. (2016). The Economics of Methane Emissions in Arkansas Rice Production. In R. J. Norman & K. A. K. Moldenhauer (Eds.), *B.R. Wells Arkansas Rice Research Studies (2015)* (pp. 456–467). Fayetteville, AR: Arkansas Agricultural Experiment Station, University of Arkansas System Division of Agriculture.

Papers under Peer Review (6)

Kovacs, K., Lee, J.-Y., Henry, C., Krutz, L. J., Nayga, R., & Tsiboe, F. Producer discount rates for investment in irrigation practices.

Luckstead, J., Tsiboe, F., & Nalley, L. L. Estimating the Economic Incentives Necessary for Eliminating Child Labor in Ghanaian Cocoa Production

Tsiboe, F., & Egyir, I. S. The Impact of Fertilizer Subsidy on Household Cereal Production: New Evidence from Ghana.

Tsiboe, F., Luckstead, J., Dixon, B. L., Nalley, L. L., & Popp, J. S. Labor Heterogeneity Impacts on Cocoa Production Policies in Ghana.

Tsiboe, F., Luckstead, J., Nalley, L., Dixon, B., & Popp, J. Market Effects of Farmer Field Schools in Sub-Saharan Africa: The Case for Cocoa.

Tsiboe, F., Nalley, L. L., Dixon, B. L., Brye, K. R., Tack, J. B., Barkley, A., & Shew, A. Estimating Spatial Differences in Methane Emissions Using Local Rice Production Reports.

Honors and Awards

Outstanding Agricultural Economics Masters Student, University of Arkansas, 2015.

Outstanding Master's Thesis Award, Southern Agricultural Economics Association, 2017.

Grants and Travel Awards

University of Arkansas Graduate Student Travel Grant, 2014-2015 (\$1,200)

World Cocoa Foundation Contribution for Cocoa Thesis, 2014 (\$1,200)

Agricultural Economics and Agribusiness, University of Arkansas, Travel Grant, 2014 (\$1,579.50)

Service

Reviewer for; Agriculture Economics, and Social Indicators Research (SOI)

Cross Cultural Mentor, University of Arkansas, Fayetteville AR, USA, February/2014 - Present

Acted as student leader who educated new graduate students of University of Arkansas about campus and community life, provided a connection to the University, and answered many of the questions new students may have upon arrival and during their first semester in the U.S. I also assisted new students facing difficulties with communication, social relationships, academic expectations, and cultural changes.

House Leader, International Student Christian Association (ISCA), University of Arkansas, Fayetteville AR, USA, Aug/2015 – May/2016

President /Treasurer, Minorities in Agriculture and Related Sciences (MANRRS), University of Arkansas, Fayetteville AR, USA, January/2014 – Aug/2015

HIV/AIDS Ambassador, KEBA Africa, Accra, Ghana, January/2006 – July/2012
Conducting Voluntary Counselling and Testing on HIV/AIDS.

Professional Memberships

Agricultural & Applied Economics Association (AAEA); African Association of Agricultural Economists (AAAE); Southern Agricultural Economics Association (SAEA).

Software Proficiency

STATA (high), R (moderate), SPSS (moderate), EViews (moderate), SAS (beginner), Gams (beginner)

Languages Proficiency

English, Akan, and Ga

Refereed Professional Paper Presentations (14) (* denotes presenter)

2017 (2)

Kovacs, K., Lee, J.-Y., Nayga, R., Henry, C., Tsiboe, F., & Krutz, L. (2017). Individual Discounts Rates for Water-Saving Irrigation Technologies Using Contingent Valuation. Presented at the American Agricultural Economics Association meeting (AAEA). July 30-August 1, 2017. Chicago, Illinois.

Nalley, L.*, Tsiboe, F., Durand-Morat, A., Thoma, G., & Shew, A. (2017). The Economic Impact of Rice Sheath Blight Alleviation in the Mid-South. Presented at the Southern Agricultural Economics Association (SAEA) Annual Meeting. February 4-7, 2017, Mobile, Alabama.

2016 (8)

Tsiboe, F., Shew, A.*, & Nalley, L. L. (2016). The Economic Impact of Rice Blast Alleviation in the Mid-South of the United States. Presented at the Southern Agricultural Economics Association (SAEA) Annual Meeting. February 6-9, 2016, San Antonio, Texas.

Tsiboe, F.*, Shew, A. M., & Nalley, L. L. (2016). Rice Blast in the Mid-South of the United States: Economic Appraisal of Genetic Resistance. Presented at the 36th Rice Technical Working Group meeting (RTWG). March 1-4, 2016. Galveston, Texas.

Tsiboe, F., Zereyesus, Y. A.*, Osei, E., & Popp, J. S. (2016). Food and Nutrition Security Implications of Women's Empowerment in Agriculture: Insights from Northern Ghana. Presented at the 26th Annual IFAMA World Conference & 12th Wageningen International Conference on Chain and Network Management (WICANEM). Aarhus, Denmark, June 19-23, 2016.

Nalley, L. L., Tsiboe, F., Dixon, B. L., Brye, K. R., Tack, J. B., Barkley, A., & Shew, A.* (2016). Quantifying Spatial Differences in Methane Emissions from Rice Production. Presented at the American Agricultural Economics Association meeting (AAEA). July 31-August 2, 2016. Boston, Massachusetts.

Shew, A.*, Danforth, D. M., Nalley, L. L., Dixon, B. L., Nayga, R., & Tsiboe, F. (2016). Are All Biotechnologies the Same? Consumer Valuation of Non-GMO RNA Interference and GMO *Bacillus Yhuringiensis* for Insect Control in Rice Production in the USA, Canada, Belgium, France, and Australia. Presented at the American Agricultural Economics Association meeting (AAEA). July 31-August 2, 2016. Boston, Massachusetts.

Zereyesus, Y. A.*, Embaye, W. T., Tsiboe, F., & Amanor-Boadu, V. (2016). Participation in non-farm work and vulnerability to food poverty of households in northern Ghana. Presented at the American Agricultural Economics Association meeting (AAEA). July 31-August 2, 2016. Boston, Massachusetts.

Zereyesus, Y. A.*, Tsiboe, F., & Embaye, W. T. (2016). The Effect of Shocks and Remittances on Household's Vulnerability to Poverty: evidence from Bangladesh. Presented at the American Agricultural Economics Association meeting (AAEA). July 31-August 2, 2016. Boston, Massachusetts.

Dlamini, T., Nalley, L. L.*, Tsiboe, F., Shew, A. M., & Barkley, A. (2016). The economic impact of the South African Agricultural Research Council's dry bean breeding program. Presented at the African Association of Agricultural Economists (AAAE) Annual Meeting, September 23 - 26, 2016. Addis Ababa, Ethiopia.

2015 (3)

Durand-Morat, A. *, Wailes, E., Alam, M., Mwaijande, F., & Tsiboe, F. (2015). Multi-Country Assessment of Barriers to Acceptance of GM Rice. Presented at the Southern Agricultural Economics Association (SAEA) Annual Meeting, Atlanta, Georgia. January 31-February 3, 2015.

Tsiboe, F. *, Dixon, B., Nalley, L., Popp, J., & Luckstead, J. (2015). Cost-Benefit Analysis of Farmer Field Schools in West Africa: The Case of Cocoa. Presented at the Southern Agricultural Economics Association (SAEA) Annual Meeting, Atlanta, Georgia. January 31-February 3, 2015.

Shew, A., Tsiboe, F., Nalley, L. L., Dixon, B. L. *, Danforth, D. M., Nayga, R., & Delwaide, A.-C. (2015). Consumer Acceptance of Cisgenically Bred Rice: An International Comparison. Presented at the 2015 Conference on Global System Risk in Food, Energy and Finance. Korea University, October 27-November 1, 2015, Seoul, South Korea., 135-152.

2011 (1)

Mensah-Bonsu, A., & Tsiboe, F*. (2011). Analysis Of The Constraints And Their Effects On The Marketing Of Cassava By Farmers In The Ajumaku-Enyan Essiam District Of Ghana. Presented at the West Africa Root and Tuber Crops Conference. 12-16 September 2011. Accra, Ghana.

Refereed Professional Poster Presentations (7) (* denotes presenter)

2017 (2)

Bajrami, E. *, Tsiboe, F., Musliu, A., Miftari, I., Wailes, E., & Dixon, B. (2017). Estimating The Effect Of Direct Payments On Technical Efficiency: The Case Of Dairy Farms In The Region Of Prishtina And Peja. Presented at the XV EAAE Congress. August 29 – September 1, 2017. Parma, Italy.

Tsiboe, F., Luckstead, J. *, Dixon, B., Nalley, L., & Popp, J. (2017). Labor Heterogeneity in Cocoa Production; Insights from Ghana. Presented at the Southern Agricultural Economics Association (SAEA) Annual Meeting. February 4-7, 2017, Mobile, Alabama.

2016 (1)

Zereyesus, Y. A. *, Tsiboe, F., Amanor-Boadu, V., Ross, K., & Shanoyan, A. (2016). Experimental evidence of nutrition interventions in northern Ghana. Presented at the American Agricultural Economics Association meeting (AAEA). July 31-August 2, 2016. Boston, Massachusetts.

2015 (2)

Tsiboe, F. *, Delwaide, A.-C., Nalley, L. L., Dixon, B. L., & Danforth, D. M. (2015). Ghanaian Consumers' Attitudes toward Cisgenic Rice: Are all GMO's the Same? Presented at the Southern Agricultural Economics Association (SAEA) Annual Meeting, Atlanta, Georgia. January 31-February 3, 2015.

Tsiboe, F.*, Luckstead, J., Nalley, L., Dixon, B., & Popp, J. (2015). Potential Spillover Effects of Farmer Field Schools in Sub-Saharan Africa: The Case of Cocoa. Presented at the American Agricultural Economics Association meeting (AAEA). July 26-28, 2015. San Francisco, California.

2014 (2)

Mwajjande, F., Tsiboe, F., Durand-Morat, A.*, & Wailes, E. (2014). Constraints to Large Scale Adoption of GM Rice in Ghana and Tanzania. Presented at the 4th International Rice Congress. 28 - 31 October 2014. Bangkok, Thailand.

Wailes, E., Durand-Morat, A.*, Alam, M., Mwajjande, F., Tsiboe, F., Zheng, Z., et al. (2014). Multi-Country Assessment of Barriers to Acceptance of GM Rice. Presented at the 4th International Rice Congress. 28 - 31 October 2014. Bangkok, Thailand

Unpublished Working Papers (4)

Tsiboe, F., Nalley, L. L., Asare, R. A., Bajrami, E. Economic Incentives Necessary for Adoption of Environmentally Friendly Cocoa Production in Ghana.

Tsiboe, F., Mensah-Bonsu, A., & Owusu, V. Drivers of Crop Production Output, Risk, and Technical Efficiency in Ghana.

Tsiboe, F., Narh, A., & Tsiboe, M. A. Differences in Ghanaian Opinions Toward Legal and Illegal Artisanal Small-Scale Mining.

Tsiboe, F., & Zereyesus, Y. A. The Substitutability and Complementarity of Household Labor Types and Their Implication for Households' Food Security: Insights from Bangladesh.

Reference

Jesse Tack, Associate Professor, Agricultural Economics Department, Kansas State University, Manhattan, KS 66506, USA, jtack@ksu.edu

Lawton L. Nalley, Associate Professor, Agricultural Economics and Agribusiness, University of Arkansas, Fayetteville AR 72701, USA, lnalley@uark.edu

Yacob A. Zereyesus, Research Assistant Professor, Agricultural Economics Department, Kansas State University, Manhattan, KS 66506, USA, yacobaz@k-state.edu

Jennie Popp, Professor, Agricultural Economics and Agribusiness, University of Arkansas, Fayetteville AR 72701, USA, jhpopp@uark.edu

Irene Egyir, Senior Lecturer, Agricultural Economics and Agribusiness, University of Ghana, Accra, Ghana, ireneegyir@yahoo.com , iegyir@ug.edu.gh

Eric Wailes, Distinguished Professor and L.C. Carter Endowed Chair, Agricultural Economics and Agribusiness, University of Arkansas, Fayetteville AR 72701, USA, ewailes@uark.edu