

# FRANK KYEKYEKU NTI

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## EDUCATION

**Doctor of Philosophy, Agricultural Economics** Expected June 2017  
Kansas State University  
*Dissertation Title: Essays On the Economics of Ghana's Domestic  
and Import Poultry Markets*

**Master of Science, Agricultural Economics** December 2012  
Kansas State University  
*Thesis Title: Climate Change Vulnerabilities and Coping Mechanisms  
Among Farming Communities in Northern Ghana*

**Bachelor of Science, Agricultural Economics** June 2008  
Minor: Animal Science  
University of Ghana  
*Capstone Project: An Analysis of Ghana's Banana Exports: A Demand Approach*

## EMPLOYMENT HISTORY

**Graduate Research Assistant**, Kansas State University, Manhattan, KS  
Department of Agricultural Economics  
USAID Monitoring, Evaluation and Technical Support Services, Ghana Project  
Dr. Vincent Amanor-Boadu 8/2015-present

**Graduate Teaching Assistant**, Kansas State University, Manhattan, KS  
Department of Agricultural Economics,  
Instructor of AGEC 115B, Decision Tools for Agricultural Economics 8/2016-12/2016

**Graduate Teaching Assistant**, Kansas State University, Manhattan, KS  
Department of Agricultural Economics,  
Dr. Christine Wilson, AGEC 115B-Decision Tools for Agricultural  
Economics 1/2016-5/2016

**National Science Foundation-Integrative Graduate Education and Research Traineeship  
(IGERT) Fellow**, Kansas State University, Manhattan, KS  
Center for Sustainable Energy  
Dr. Vincent Amanor-Boadu 8/2013-7/2015

**Graduate Teaching Assistant**, Kansas State University, Manhattan, KS  
Department of Agricultural Economics  
Dr. Jason Bergtold, AGEC 712-Optimization Techniques for Agricultural  
Economics Spring, 2013  
Dr. Sean Fox, AGEC 420-Commodity and Futures Market Fall, 2013/ Fall, 2011

**Graduate Research Assistant**, Kansas State University, Manhattan, KS  
Department of Agricultural Economics

Dr. Andrew Barkley, Research Assistant

7/2012-7/2013

**Assistant Store Manager**, Fairfax, VA, Sinah Kayah Inc.

6/2010-4/2011

**Research and Teaching Assistant**, University of Ghana, Accra, Ghana  
Department of Agricultural Economics and Agribusiness

Dr. Yaw Osei-Asare, AGECE 102-Introduction to Economics

11/2008-12/2009

## **PUBLICATIONS**

### Peer Reviewed

- **Nti, K. F.**, & Barkley, A. (2013). "The Response to Climate Variability among Farm Families in Northern Ghana." *Journal of International Agricultural Trade and Development*, 8(2), 183.
- **Nti, K. F.**, & Barkley, A. (2016). "Wheat Variety Yield Data: Do Commercial and Public Performance Tests Provide the Same Information?" *Agricultural Economics*, 48(1).
- **Nti, K. F.** (2016). "NAFTA at 21: Structural Change in Mexican's Demand for U.S. Meat and Meat Products." *International Journal of Food and Agricultural Economics (IJFAEC)*, 4(4).
- Amanor-Boadu, V., **F. K. Nti**, Y. Zereyesus, and K. Ross (2015) "Efficiency, Resource-Based View of the Firm and Development Strategy: A Case of Smallholder Farmers in Northern Ghana." *The International Food and Agribusiness Management Review (revise and resubmit)*

### Working Papers

- Amanor-Boadu, V., and **F. K. Nti**. "A Systems Dynamic Assessment of the Effect of Energy on Sustainable Economic Development in Ghana."
- **Nti, K. F.**, Y. Zereyesus, K. Ross, and V. Amanor-Boadu. "Efficiency of Smallholder Farms in Northern Ghana: A Nonparametric Bootstrap Approach."
- Ekong, O., K. Ross and **F. K. Nti**. "An Assessment of factors influencing the profitability of poultry production in Ghana."
- Wilson C., K. Ross and **F. K. Nti**. "Analysis of Egg Consumption and Production Issues: A Study of Ghana."

### Seminars, Workshops, Selected Papers and Presentations

- **Nti, K. F.**, and A. Barkley (2013). "Wheat Variety Yield Data: Do Commercial and Public Performance Tests Provide the Same Information?" Selected paper presented at the WAEA Annual Meeting, Monterey, CA., June 26-28 2013
- **Nti, K. F.**, and A. Barkley (2013). "Wheat Variety Yield Data: Do Commercial and Public Performance Tests Provide the Same Information?" Poster presented at the Research and the State, Kansas State University, Manhattan, KS., October 29

- Heidlage, M. G., **F. K. Nti**, P. H. Pfromm, and V. Amanor-Boadu (2014). “Use of Catalytic Membrane Reactors to Facilitate Hydrotreatment of Bio-oil” Poster presented at the Research and the State, Kansas State University, Manhattan, KS, October 29
- Pokharel, K., R. Wibowo, and **F. K. Nti** (2014). “Sorghum as an Advanced Biofuel: Price Effect on Wheat, Corn And Soybean Markets” Poster presented at the 2014 Energy Symposium, Center for Sustainable Energy, Kansas State University, Manhattan, KS, April 9-10
- Muhammad S., **F. K. Nti**, and V. Amanor-Boadu (2014). “Energy Demand and the 2008 Financial Crisis” Poster presented at the 2014 Kansas State University Joint REU poster session, Manhattan, KS, July 29
- **Nti K. F.**, and V. Amanor-Boadu (2014). “The Economic Development-Energy Needs Equation: A Simulation of Alternative Futures for Ghana,” Selected paper presented at the 2014 IFAMA World Forum and Symposium, Cape Town, South Africa, June 15-19
- **Nti K. F.**, and V. Amanor-Boadu (2014). “System Dynamic Modelling of the Development-Energy Nexus: Ghana,” Selected paper presented at the 2014 World Renewable Energy Congress, London, UK, August 3-8
- **Nti K. F.**, and N. Hendricks (2014). “EU Banana Trade Preference Erosion and Economic Growth: A Case of the Windward Island” Poster presented at the 2014 AAEA Annual Meetings, Minneapolis, MN, July 27-29
- **Nti K. F.**, and V. Amanor-Boadu (2015). “An Examination of Alternative Algae Feedstock on the Economic Feasibility of Biofuel Production” Poster presented at the 2015 Energy Symposium, Center for Sustainable Energy, Kansas State University, Manhattan, KS, April 8-9
- **Nti K. F.**, Y. Zereyesus, K. Ross, and V. Amanor-Boadu (2015). “Efficiency of Farms in Northern Ghana: A Nonparametric Double Bootstrap Approach” Selected paper presented at the 2015 IFAMA World Forum and Symposium, St. Paul, Minnesota, June 14-17
- Petrella M., **F. K. Nti**, and V. Amanor-Boadu (2015). “The Effect of Oil Price Variability on Biofuel Production” Poster presented at the 2015 Kansas State University Joint REU poster session, Manhattan, KS, July 29
- **Nti K. F** (2015). “NAFTA at 20: Structural Change in Mexican’s Demand for U.S. Meat and Meat Products” Selected paper presented at the 2015 Joint AAEA-WAEA Annual Meetings, San Francisco, CA July 26-28
- **Nti K. F** (2015). Training Workshop for seventy six (76) Ministry of Food and Agriculture staff as enumerators for the 2015 Ghana Poultry Industry Survey (March 23-28).
- **Nti K. F** (2016). Results of the Population-Based Survey 2015, Presentation in two regional capitals to Ghana Government and Regional and District Government employees

in the Ministries of Food and Agriculture, Health and Economic Development – Sunyani, Brong Ahafo (March 21, 2016); and Bolgatanga, Upper East Region (March 22, 2016).

- Ekong, O., K. Ross and **F. K. Nti** (2016). “An Assessment of factors influencing the profitability of poultry production in Ghana.” Selected paper presented at the Missouri Valley Economic Association 53<sup>rd</sup> Annual Conference, St Louis, MO October 27-29.
- Wilson C., K. Ross, and **F. K. Nti** (2016). “Analysis of Egg Consumption and Production Issues: A Study of Ghana.” Selected paper presented at the Missouri Valley Economic Association 53<sup>rd</sup> Annual Conference, St Louis, MO October 27-29.

#### Reports and Other Publications

- Contreras, S., **F. K. Nti**, K. Teague, K. Waldie, and T. C. Schroeder (2013). *Potential Retail Value of Pre-Harvest Food Safety and Animal Welfare Certification*. Factsheet published in AgManager.info, Kansas State University  
[http://www.agmanager.info/livestock/marketing/AnimalWelfare/TCS\\_FactSheet\\_Safety-AnimalWelfare.pdf](http://www.agmanager.info/livestock/marketing/AnimalWelfare/TCS_FactSheet_Safety-AnimalWelfare.pdf)
- Amanor-Boadu, V., **F.K. Nti**, and K. Ross (2016). *Structure of Ghana's Chicken Industry in 2015*, Manhattan, KS: Department of Agricultural Economics, Kansas State University, 2016. ISBN: 978-0-9898866-2-8
- Amanor-Boadu, V., **F.K. Nti**, and K. Ross (2016). *Ghana's Guinea Fowl and Turkey Industries in 2015*, Manhattan, KS: Department of Agricultural Economics, Kansas State University, 2016. ISBN: 978-0-9898866-2-9

#### **INTERNATIONAL RESEARCH EXPERIENCE**

- 2008 **FAO Project:** Cross-Border Trade of Basic Food Produce in the West African Sub Region: Ghana Case Study
- 2008 **UNDP Project:** Human Development Report 2008 for Bawku West District, Upper East Region, Ghana.
- 2009 **MTID-IFPRI Project:** Benefit Cost Analysis of HPAI Control Measures: Household Survey
- 2009 **MTID-IFPRI Project:** Value Chain Analysis of the Poultry sector: Impact of HPAI (BirdFlu) Outbreak
- 2009 **ILRI Project:** Interventions and Mitigations of the HPAI outbreak
- 2009 **FAO/AGRO ECO/GOAN Project:** The Status of Organic Agriculture in Ghana: A Survey of Producers, Marketers, and Consumers
- 2009 **EPA (Ghana) Project:** Socio-economic Survey and Impact Assessment for Golden Star Wassa Limited's (GSWL) Hwini-Butre Benso (HBB) Operations
- 2015 **USAID** Monitoring, Evaluation and Technical Support Services in Ghana

#### **AWARDS AND RECOGNITIONS**

- 2012 Travel Scholarship, Department of Agricultural Economics – Kansas State University
- 2012 Travel Scholarship, Graduate Student Council – Kansas State University
- 2012 Third Place, ICC International Ping-Pong competition – Kansas State University
- 2013 National Science Foundation (NSF) Integrative Graduate Research and Traineeship (IGERT) Fellowship, Center for Sustainable Energy, Kansas State University
- 2014 Travel Scholarship, Graduate Student Council – Kansas State University

- 2014 3<sup>rd</sup> Place, Poster Competition, 2014 Center for Sustainable Energy – Energy Symposium, 2014
- 2015 Travel Scholarship, Graduate Student Council – Kansas State University
- 2015 Travel Scholarship, Department of Agricultural Economics – Kansas State University
- 2015 Robert Nunemacher Scholarship, College of Agriculture – Kansas State University
- 2016 Scholarship Award, Future Leaders Forum, Association for International Agriculture and Rural Development

### **PROFESSIONAL SERVICE AND LEADERSHIP ACTIVITIES**

- 2014 Mentor Research Experience for Undergraduate (REU) Summer Academy
- 2015 Mentor Research Experience for Undergraduate (REU) Summer Academy
- 2015 Vice President Graduate Students in Agricultural Economics – Kansas State University
- 2015 Moderator Coping Strategies and Resiliency in Africa and Asia (AAEA)
- 2016 Reviewer Agricultural Economics Journal

### **PROFESSIONAL MEMBERSHIP**

- Agricultural and Applied Economics Association (AAEA)
- Western Agricultural Economics Association (WAEA)
- African Association of Agricultural Economists (AAAE)
- International Food and Agribusiness Management Association (IFAMA)
- The National Society for Minorities in Agriculture, Natural Resources and Related Sciences (MANRRS)

### **LIST OF REFERENCES**

Vincent Amanor-Boadu, Professor, Department of Agricultural Economics,  
Kansas State University, 785.532.3520, [vincent@k-state.edu](mailto:vincent@k-state.edu)

Andrew Barkley, Professor, Department of Agricultural Economics,  
Kansas State University, 785.341.6333, [barkley@k-state.edu](mailto:barkley@k-state.edu)

Allen Featherstone, Professor, Department of Agricultural Economics,  
Kansas State University, 785.532.4441, [afeather@k-state.edu](mailto:afeather@k-state.edu)

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Kansas State University, 785.532.4433, [cwilson1@k-state.edu](mailto:cwilson1@k-state.edu)