

# YACOB ABREHE ZEREYESUS

## PERSONAL INFORMATION

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Department of Agricultural Economics  
Kansas State University  
337b Waters Hall  
Manhattan, KS, 66506

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## CURRENT EMPLOYMENT

January 2011 - Research Assistant Professor  
Department of Agricultural Economics  
Kansas State University, Manhattan, KS

## EDUCATION

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<b>Ph.D. Economics (Agricultural Econ)</b>	Kansas State University, Manhattan, KS	Dec. 2010
<b>Certificate Applied Statistics</b>	Kansas State University, Manhattan, KS	May 2010
<b>M.Sc. Agricultural Economics</b>	Kansas State University, Manhattan, KS	2009
<b>M.Sc. Agribusiness</b>	University of the Free State, South Africa	2003
<b>B.Sc. Plants Sciences</b>	University of Asmara, Eritrea	1997

## PUBLICATIONS

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### *Articles in professional journals*

- Zereyesus, Y.A.**, V. Amanor-Boadu, K.L. Ross, and A. Shanoyan. (Forthcoming) "Does Women's Empowerment in Agriculture Matter for Children's Health? Evidence from Northern Ghana" *Social Indicators Research*.126 (2)
- Ross, K.L., **Zereyesus, Y.A.**, A. Shanoyan, and V. Amanor-Boadu. (2015) "The Health Effects of Women's Empowerment: Recent Evidence from Northern Ghana" *International Food and Agribusiness Management Review*. 18(1): 127-144.

### *Articles under review in professional journals*

- Zereyesus, Y.A.** "Women's Empowerment in Agriculture and Household-level Health in northern Ghana: A Capability Approach" *Journal of human development and capabilities*.
- Zereyesus, Y.A.**, A. Shanoyan, K.L. Ross, and V. Amanor-Boadu "Empirical analysis of well-being at the household level: evidence from northern Ghana" *Journal of Development Studies*.
- Zereyesus, Y. A.**, Featherstone, A. M. and Langemeier, M. R. "Are Farms Profit Maximizers? A Stochastic Additive Error Approach" *Journal of Productivity Analysis*.
- Zereyesus, Y. A.** and Featherstone, A. M. "Profit maximization and cost minimization behaviour of Kansas farms- two decades later" *Journal of Agricultural and Applied Economics*.
- Zereyesus, Y.A.**, W.T. Embaye, F. Tsiboe and V. Amanor-Boadu "Implications of non-farm income to food vulnerability of resource poor households: evidence from Northern Ghana" *Food Policy*.
- Amanor-Boadu, V., F.K. Nti, **Y. A. Zereyesus**, K. Ross "Efficiency, Resource-Based View of the Firm and Development Strategy: A Case of Smallholder Farmers in Northern Ghana" *International Food and Agribusiness Management Review*.

Regier, Greg, T. Dalton, **Y.A. Zereyesus**, and V. Amanor-Boadu. “Do Adult Equivalence Scales Matter in Poverty Estimates? A Ghana Case Study and Simulation” *The World Bank Economic Review*.

Tsiboe, F., **Zereyesus, Y.A.**, and E. Osei “Does Off-farm Work Matter for Resource Poor Households’ Food and Nutrition Security Status? Insights from Northern Ghana” *Journal of Rural Studies*.

Tsiboe, F., **Zereyesus, Y. A.**, E. Osei, and J. S. Popp “Effect of Women’s Empowerment in Agriculture on Household’s Nutrition and Food Security in Ghana” *Food Policy*.

## **RESEARCH REPORTS**

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**Zereyesus, Y.A.** “Women’s Empowerment in Agriculture and Household-level Health in northern Ghana: A Capability Approach” Kansas State Research and Extension Contribution Number: 16-173-J, 2015.

**Zereyesus, Y.A.**, W.T. Embaye, F. Tsiboe and V. Amanor-Boadu “Implications of non-farm income to food vulnerability of resource poor households: evidence from Northern Ghana” Kansas State Research and Extension Contribution Number: 16-182-J, 2015.

**Zereyesus, Y. A.** and Amanor-Boadu, V. Macroeconomic Effects on Poverty Rate: A case study of Northern Ghana, USAID|Ghana, Monitoring, Evaluation and Technical Support Service (METSS)

## **WORK ON PROGRESS**

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“Relationship between Efficiency Performances and Optimization Behavior of Farms: An Empirical Analysis” with Amin Mugeru and Allen M. Featherstone

“Nonparametric analysis of optimization behavior of farms with quantity uncertainties” with Allen M. Featherstone and Michael R. Langemeier

“Household Poverty and Child Malnutrition in Northern Ghana” with Vincent Amanor-Boadu, Timothy J. Dalton, and Kara Ross

“Rates of Returns to Sorghum and Millet Agricultural Research and Development” with Timothy J. Dalton

“Economic Impact Assessment of Sorghum, Millet and Other Grains CRSP: Sorghum and Millet Germplasm Development Research” with Timothy J. Dalton

“The Impact of Climate Change on Farm Incomes and Production Efficiency in Kansas” with Amin Mugeru

“A Nonparametric Efficiency Analysis of Bean Producers from North and South Kivu” with Kara Ross, Timothy J. Dalton, and Allen M. Featherstone

## **RESEARCH CONTRACTS/GRANTS**

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02/2012-Present

Title: **Monitoring and Evaluation and Technical Support Services (METSS) Ghana Implementation (Sustaining Economic Growth through Effective Management and Collaboration)** (USD 1.5 million annually)

Role: Co-Principal Investigator

## **PRESENTATIONS AT CONFERENCES**

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Tsiboe, F., **Zereyesus, Y. A.**, E. Osei, and J. S. Popp “Food and Nutrition Security implications of Women’s Empowerment in Agriculture: Insights from northern Ghana” Selected paper prepared for presentation at the 26th Annual World Symposium of the International Food and Agribusiness Association, Aarhus, Denmark, June 19-23, 2016 (*Best paper nominee*).

Gutierrez, E., K.L. Ross, **Y.A. Zereyesus**, A. Shanoyan, and V. Amanor-Boadu. “*Unleashing Women's Productive Potential to Drive Economic Growth and Rural Development in Northern Ghana.*” Selected paper prepared for presentation at the 25th Annual World Symposium of the International Food and Agribusiness Association Minneapolis-Saint Paul, USA, June 14-18, 2015.

Hancock, A., A. Shanoyan, **Y.A. Zereyesus**, K.L. Ross, and V. Amanor-Boadu. “*The Effect of Storage and Infrastructure on Post-Harvest Loss in Northern Ghana.*” Selected paper prepared for presentation at the 25th Annual World Symposium of the International Food and Agribusiness Association Minneapolis-Saint Paul, USA, June 14-18, 2015.

Mzyece, A., A. Shanoyan, **Y.A. Zereyesus**, K.L. Ross, and V. Amanor-Boadu. “*Transaction Costs and Market Participation: Recent Evidence from Northern Ghana.*” Selected paper prepared for presentation at the 25th Annual World Symposium of the International Food and Agribusiness Association Minneapolis-Saint Paul, USA, June 14-18, 2015.

Nti, F., **Y.A. Zereyesus**, K. Ross, and V. Amanor-Boadu. “*Efficiency of Grain farms in Northern Ghana: A Nonparametric and Double Bootstrap Approach.*” Selected paper prepared for presentation at the 25th Annual World Symposium of the International Food and Agribusiness Association Minneapolis-Saint Paul, USA, June 14-18, 2015.

Salin-Maradeix, M, **Y.A. Zereyesus**, A. Shanoyan, K.L. Ross, and V. Amanor-Boadu. “*Fertilizer Use and Agricultural Productivity in Northern Ghana: The Effect of Transaction Costs in Accessing Input Markets.*” Selected paper prepared for presentation at the 25th Annual World Symposium of the International Food and Agribusiness Association Minneapolis-Saint Paul, USA, June 14-18, 2015.

Contreras, S. and **Zereyesus, Y.A.**, A. *Does Time allocation really matter for the Women’s Empowerment in Agriculture? An evaluation of the Women's Empowerment in Agriculture Index WEAI.* Selected poster prepared for presentation at the American Agricultural Economics Association Annual Meeting, San Francisco, CA, July 26-28, 2015

## **RESEARCH AND EXTENSION EXPERIENCE**

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**Researcher** (Kansas State University)

**2011-**

## **SPEAKER AT WORKSHOPS**

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“Feed the Future Ghana Midterm PBS: Baseline values and looking forward” June 2015

## **PROFESSIONAL ACTIVITIES**

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- Expert Reviewer, Global Center for Food Systems Innovation Grants, CRDF Global, 2015
- Reviewer, Applied Economics, 2015; International Food and Agribusiness Management Review, 2015

## **PROFESSIONAL MEMBERSHIP**

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- Agricultural and Applied Economics Association (AAEA)
  - International Agribusiness Management Association (IAMA)
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