

Sylvanus Gaku

Department of Agricultural Economics
Kansas State University
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EDUCATION

Kansas State University

PhD Agricultural Economics
Major Advisor: Dr. Jennifer Ifft
Dissertation: Essays on Debt Structure and Policy
Research Interests: Finance, Policy, Crop Insurance and Development

Manhattan, KS
Expected May 2024

Cleveland State University

M. A. Economics

Cleveland, OH

University of Ghana

B.A. Economics

Legon, Accra

RESEARCH EXPERIENCE

Research Assistant, **Kansas State University**, January 2021 - Present

Data Analyst Consultant, **International Justice Mission**, December 2021 - March 2022

Executive Intern, **Philadelphia Parking Authority**, June 2019

Research Assistant, **Cleveland State University**, August 2015 - July 2016

Research Assistant, **University of Ghana**, August 2012 - July 2013

Population Census Enumerator, **Ghana Statistical Services**, September 2010 - November 2010

TEACHING EXPERIENCE

Instructor, Math Camp, **Kansas State University**, Fall 2021, Fall 2022 & Fall 2023

Teaching Assistant, **Temple University**, August 2018 - December 2020

Adjunct Faculty, **Cleveland State University**, August 2016 - May 2017

Teaching Assistant, **University of Ghana**, August 2012 - July 2013

Instructor, **Prestige Preparatory School**, June 2010 - July 2010

Instructor, **Messiah Preparatory School**, August 2006 - July 2008

OTHER EXPERIENCE

Economic Policy Analyst, **Radio and TV Stations**, August 2017-July 2018

PEER-REVIEWED PUBLICATIONS

Gaku, S.(2023). Are children from financially included households less likely to work? African Review of Economics and Finance. [LINK](#)

Gaku, S. (2022). Understanding Ghana's Expenditure Inequality. Social Indicators Research. [LINK](#)

Gaku, S. & Tsyawo, E. (2021). Neighbourhood Effects and the Incidence of child labour. Letters in Spatial and Resource Sciences. [LINK](#)

EXTENSION PUBLICATIONS

Gaku, S., Ifft, J. & Reid, R. (2024). Historic ARC, PLC, and SCO Payouts for Kansas Producers: Report Summary and Key Findings. AgManager. [LINK](#)

Ifft, J., & Gaku, S. (2024). Supplemental Coverage Option (SCO) and Enhanced Coverage Option (ECO): 2024 Considerations and 2023 Update. Kansas State University. AgManager. [LINK](#)

Ifft, J., Holman, J. & **Gaku, S.** (2023). Annual Forage Insurance: New Policy Options and 2022 Performance. AgManager. [LINK](#)

Ifft, J., & **Gaku, S.** (2023). High Coverage Crop Insurance Policies - 2023 Considerations and 2022 Update. Kansas State University. AgManager. [LINK](#)

Ifft, J. & **Gaku, S.** (2022). Kansas 2022 and 2023 RMA Expected Yields, and Historical Yields, 1990-2021. Kansas State University. AgManager. [LINK](#)

Ifft, J. & **Gaku, S.** (2022). Kansas ECO and SCO Historic Likelihood of Indemnity. Kansas State University. AgManager. [LINK](#)

Ifft, J. & **Gaku, S.** (2022). Loss Experience for Selected Kansas Counties, 2000-2021. Kansas State University. AgManager. [LINK](#)

Ifft, J., Holman, J. & **Gaku, S.** (2022). Annual Forage Insurance Update and Examples. Kansas State University. AgManager. [LINK](#)

Ifft, J., & **Gaku, S.** (2022). Crop Insurance: 2022 Projected Prices Update and Analysis of RP Yield and Price Indemnity Triggers. Kansas State University. AgManager. [LINK](#)

WORKING PAPERS

Sylvanus Gaku & Francis Tsiboe, “Evaluation of Alternative Farm Safety Net Program Combination Strategies,” Revise and Resubmit, *Agricultural Finance Review*

Sylvanus Gaku, Jennifer Ifft & Luke Byers, “The Impact of Cash flow Shocks on Farm Debt Structure”

Sylvanus Gaku & Jennifer Ifft, “Determinants of Debt Structure: A Machine Learning Approach.”

Sylvanus Gaku, Chad Fiechter, Jennifer Ifft & Jing Yi. “Predicting New York Dairy Farm Exits.”

Noah Miller, Tia McDonald, Francisco Scott & Sylvanus Gaku, “*Distance to commercial banks and farm debt maturity*”

Sylvanus Gaku & Takesure Tozooneyi, “The Impact of Financial Inclusion on Fertility”

Sylvanus Gaku, “Money Demand in Switzerland.”

ACADEMIC PRESENTATIONS

African Economic Research Consortium: 2023

Agriculture & Applied Economics Association (AAEA) Annual Meeting: 2022, 2023

Kansas State University Risk and Profit Conference: 2022, 2023

Economics and Management of Risks in Agriculture and Natural Resources: 2022

NC-1177/SCC76 Annual Meeting: 2022

International Justice Mission: 2021

SERVICE, LEADERSHIP & MEMBERSHIP

Reviewer, **Agricultural Finance Review**

Abstracts Reviewer, **Agriculture & Applied Economics Association (AAEA)**, 2021 & 2022

Member, **Agricultural & Applied Economics Association (AAEA)**

Finance & Logistics Coordinator, GSAE-Case Study Club, **Department of Agricultural Economics, Kansas State University**, 2021-2022

Member, University of Ghana Parliament House, **University of Ghana**, 2008-2012

SKILLS AND CERTIFICATION

Econometric Modelling

Machine Learning by [Stanford University](#)

R by [Google](#)

Python by [University of Michigan](#)

Tableau

Google Data Analytics by [Google](#)

Data Analysis

SAS

RATS

Octave