

GODWIN KWESI NUTSUGAH

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EDUCATION

University of Georgia

Expected Fall 2025

PhD, Econometrics & Quantitative Economics

Michigan State University

August 2022

MS, Agricultural Food & Resource Economics

University of Ghana, Legon

May 2016

B.A Economics & Mathematics

SELECTED WORKING PAPERS

Recency Effect of Weather Shocks on Fertilizer Adoption: Evidence from Nigeria (*Draft available upon request*)

Abstract: I examine whether recency bias—forming expectations from recent experiences—induced by recent rainfall shocks reduces fertilizer use among maize farmers in Nigeria. Economic theory predicts that a profit-maximizing farmer should not be influenced by recent weather shocks except through liquidity constraints. Using nationally representative panel data merged with historical rainfall data, I show that, conditional on past profit (proxied by livestock accumulation and prior season's maize price), recent rainfall shocks significantly influence current fertilizer use even though shocks are serially uncorrelated and transitory. Importantly, I find that this effect is negatively asymmetric: prior negative shocks depress fertilizer use more than prior positive shocks raise it, thereby lowering average fertilizer use. Back-of-the-envelope calculations imply that weather-induced recency bias is associated with about 5% reduction in the already low fertilizer use (56.2 kg/acre) in Nigeria. Improving access to accurate and timely weather forecasts could help households make more efficient input use decisions.

The Impacts of Child Health Conditions on Maternal Employment Outcomes

with Yawotse Nouve, Ellen McCullough and Nicholas P. Magnan (*Draft available upon request*)

WORK IN PROGRESS

Are Consumer Demand Models in Developing Countries Biased When they Ignore Farm Profit Effects? Evidence from Malawi.

with Ellen McCullough and Chen Zhen

TEACHING EXPERIENCE

University of Georgia

Course Instructor: AAEC 2580E (Applied Economics Principles)

Summer 2023

([Link to course evaluations here](#))

Teaching Assistant: AAEC 7860 (Natural Resource Economics 1)

Spring 2023

Teaching Assistant: AAEC 3980 (Intro to Agribusiness)

Fall 2021

Southwind High School (Shelby County School District, Memphis, Tennessee)	
Course Instructor: Algebra 2	Spring 2021
Michigan State University	
Teaching Assistant: FIM 220 (Food Product Marketing)	Spring 2019
University of Ghana-Legon	
Teaching Assistant: Math351 (Linear Algebra)	Fall 2016
Teaching Assistant: Math222 (Vector Mechanics)	Fall 2016
Teaching Assistant: Math123 (Vectors and Geometry)	Spring 2016

RESEARCH EXPERIENCE

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| • <i>Research Assistant (RA)</i> to Ellen McCullough, University of Georgia | 2022/present |
| • <i>RA</i> to Thomas Jayne, Michigan State University | 2018/2020 |
| • <i>RA</i> to Felix Kwame Yeboah, Michigan State University | 2018/2020 |

SELECTED ACADEMIC PRESENTATIONS

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- 2025:** Selected Paper Presentation at the 2025 Association for Comparative Economics and African School of Economics Summer School, Zanzibar, Tanzania.
- 2025:** Selected Paper Presentation at the 3rd Development Economics in the South (DevSouth) Conference, Athens, Georgia.
- 2024:** Selected Paper Presentation at the Agricultural & Applied Economics Association (AAEA) Conference, New Orleans, Louisiana.
- 2023:** Selected Poster Presentation at the Agricultural & Applied Economics Association (AAEA) Conference, Washington, DC.
- 2022:** Seminar, Development Workshop, Department of Agricultural & Applied Economics, UGA

GRANTS, HONORS, AND AWARDS

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| 2025 Summer School Fellow,
Selected to be part of the 2025 Association for Comparative Economics and African School of Economics Summer School cohort in Zanzibar, Tanzania. | 2025 |
| Grant, Graduate School-UGA
Awarded \$300 to attend a conference, where I presented my research on the impact of climate change on fertilizer use. | 2023 |
| NABE Scholar, National Association of Business Economics Scholars Class of 2023 | 2023 |

SERVICE

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| Referee for Agricultural and Resource Economics Review | 2024 |
| Social Event Planner
Graduate Student Organization | 2023/2024 |
| President
The Mathematical Society, Department of Mathematics, University of Ghana | 2015/2016 |

TECHNICAL SKILLS

Software: RStudio, Python, Stata, LaTeX, SAS, MATLAB, ArcGIS, Microsoft Office Suite

Languages: English (fluent), Akan (native)

REFERENCES

Ellen McCullough

Assistant Professor

Major Professor

University of Georgia

emccullough@uga.edu

Mateusz Filipski

Associate Professor

Committee Member

University of Georgia

mfilipski@uga.edu

Craig Landry

Professor

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