Kosiso Madu

Department of Economics, University of Delaware
416C Purnell Hall, Newark, DE 19716

kemadu@udel.edu | kosiso-madu.github.io | linkedin.com/in/kosiso-madu

Education

Ph.D. in Economics, University of Delaware Expected May 2027

Dissertation: "Essays in Labor Market Constraints"

M.S. in Mathematics, Illinois State University 2021

M.S. in Economics, Illinois State University 2021

B.Sc. in Economics, University of Nigeria, Nsukka 2016

Fields

Primary: Labor Economics **Secondary:** Economics of Gender

Research

Working Papers

Who Earns? Universal Pre-K and the Division of Labor Within Households *(Job Market Paper)*

Using a stacked triple-difference design across five U.S. jurisdictions, I examine how universal pre-kindergarten affects the division of market work and earnings within married couples. UPK increases wives' share of couple earnings by 3.4 percentage points, alongside increases in wives' labor-force participation and their share of couple market work. These findings show that the effects of childcare policy extend beyond maternal employment to the division of work and earnings within couples.

Career Choice Under Relaxed Constraints: STEM OPT and the Career Paths of Foreign-Born Doctoral Graduates

Using restricted-use Survey of Earned Doctorates data and a difference-in-differences design, I study how the 2008 STEM OPT extension affected employment commitments and initial sectoral placement. The extension increased definite employment commitments at graduation, with the increase concentrated in academia rather than industry.

Work in Progress

Risk Aversion and the Timing of First Births

Using the German Socio-Economic Panel and the 2007 Elterngeld reform, I study whether risk preferences shape first-birth timing and whether responses to parental benefits differ by women's pre-reform risk aversion.

Leveling Up or Down? Pay Transparency and the Gender Wage Gap

I study whether mandatory salary-range disclosure in job postings narrows the gender wage gap through higher women's wages, lower men's wages, or both.

Asymmetric Observability in Common Agency: Theory and Evidence from Artificial Intelligence

With Afam Madu

We develop a common-agency model to study how asymmetric observability shapes commercially motivated steering in generative AI. The model examines how user monitoring affects the influence of developer-side commercial incentives.

Technical Skills

Stata, Python, SQL, LaTeX

Grants, Honors, and Awards

Economics Graduate Teaching Excellence Award, University of Delaware 2025
Summer Research Stipend, Department of Economics, University of Delaware 2024

Teaching Experience

University of Delaware
Economic Issues and Policies, *Instructor* Fall 2026
Banking and Monetary Policy, *Instructor* (five terms) 2024–2026
Data Analysis for Business and Economics, *Co-Instructor* Fall 2024
Introduction to Microeconomics, *Teaching Assistant* 2023–2024
Banking and Monetary Policy, *Teaching Assistant* 2022–2023
Introduction to Econometrics, *Teaching Assistant* Fall 2021

Presentations

2026 EconNect Africa Symposium
2025 Southern Economic Association Annual Meeting; EconNect Africa Symposium

Service Activities

JMC Symposium Co-Lead, EconNect Africa 2026–present
Facilitator, WE-Mentorship Club, Nigeria 2021–2026

Additional Activities and Training

Hennovate the State Hackathon, Best Creative Award (Team Labor) 2026
Machine Learning and Big Data Workshop, Pittsburgh Supercomputing Center (ACCESS) 2026
Innovative Teaching Strategies Certificate, University of Delaware 2025
Graduate Certificate in Women and Gender Studies, Illinois State University 2021

References

Adrienne Lucas
Professor of Economics
University of Delaware
(302) 831-1901
alucas@udel.edu

Olga Gorbachev
Associate Professor of Economics
University of Delaware
(302) 831-2563
olgag@udel.edu

Barton Willage
Associate Professor of Economics
University of Delaware
(812) 599-1079
willage@udel.edu